

PERSONAL SAFETY PRODUCTS

PERSONAL SAFETY KIT



Just Added

Personal Safety kit contains: one mfg. part nos. 8210, N95 and 9211/37022 (AAD), N95 particulate respirators; one mfg. part no. 1110 reusable earplug (corded); one mfg. part no. 1710ES Sting Rays™ protective eyewear black frame/clear lens; one mfg. part no. 1912 hard hat (yellow); one mfg. part no. 1435 general purpose earmuff.

PERSONAL SAFETY KIT CONTAINS — ONE OF EACH:

Mfg. Part No.	Description	Pkg. Qty.	
8210-RESPIRATOR	N95 Particulate Respirator for Workplace Applications Including Grinding, Sanding, Sweeping, Bagging, and Other Dusty Operations	1	
9211	N95 Particulate Respirator for Workplace Applications Including Grinding, Sanding, Sweeping, Bagging, and Other Dusty Operations, Except with 3-Panel Design and Cool Flow Exhalation Valve for Heavy-Duty Operations		
1110	Reusable Foam Ear Plug, Corded; Noise Reduction Rating: 29db		
1710ES	Sting Rays™ Protective Eyewear, Black Frame/Clear Lens		
1912	Hard Hat, Ratchet Suspension; Color: Yellow		
1435	General Purpose Ear Muff; Noise Reduction Rating: 23db		
Mfg. Part No.	Description	Stock No.	Price Each
MRO PERSONAL SAFETY KIT	Personal Safety Kit	21M8775	27.46

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PROTECTIVE EYEWEAR PRODUCTS



Features of Protective Eyewear

- Meets the requirements of ANSI Z87.1-1989
- Fashionable good looks
- Comfortable, secure fit with wraparound design
- Lightweight plastic frames

Scratch-resistant lenses with improved field of vision. Meet ANSI Z87.1 standards for eye protection. SEI certified.

Mfg. Part No.	Description	Stock No.	Price Each
1611	Visitor Specs	95C2704	2.11
1701	Boas™, Smoke/Smoke	31M7724	4.70
1702	Boas™, Clear/Clear	31M7725	4.70
1710ES	Sting-Rays™, Black/Clear	33C3191	4.28
1712	Sting-Rays™, Black/Smoke	95C2705	4.28
1721	Lazers™, Black/Mirrored	31M7726	6.42
1722	Lazers™, R.W.B./Clear	31M7727	5.78
1723	Lazers™, Black/Amber	31M7728	5.69

SAFETY GOGGLES

These goggles have flexible vinyl frames to enhance wearer comfort. Mfg. part no. 1620 is designed for general use. Mfg. part no. 1621 helps provide protection against splashes.

Mfg. Part No.	Description	Stock No.	Price Each
1620	Safety Goggles, Perforated	31M7722	1.83
1621	Safety Goggles, Splash Proof	31M7723	1.83

First color is the frame, second color is the lens
(32982)

PROTECTIVE EYEWEAR FOR HIGH IMPACT SAFETY PLUS STYLE

- Meets ANSI Z87.1-2003 Standard for High Impact Protectors
- Wraparound Style Features Soft Nosepiece and Soft Temples for Long Wear Time
- Shatter-Resistant, Polycarbonate Lenses for Extra Protection
- Lenses Have an Anti-Scratch Coating for Longer Use
- 99% UV Protection for Outdoor Use



Mfg. Part No.	Description	Stock No.	Price Each
1750/37113	Gray Frame/Clear Lens	31M7778	9.38
1751/37114	Gray Frame/Smoke Lens	31M7779	9.38
1752/37115	Blue Frame/Mirrored Indoor/Outdoor Lens	31M7780	11.32
1760/37116	Clear Frame/Clear Lens	31M7781	8.93

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3M

PROTECTIVE FACE SHIELD



3M

3M™ Face shield kit is an optically clear, polycarbonate face shield that offers secondary eye and face protection only. Helps protect the wearer from flying fragments, chips, particles, splash and similar hazards. The cam-lock feature hold the face shield in place. It uses a slide adjustment for easy sizing. Meets ANSI Z87.1-1989.

Mfg. Part No.	Description	Stock No.	Price Each
1631	Faceshield Kit	31M7812	21.77
1632	Replacement Visor (for 3M Faceshield Kit)	31M7813	6.27

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SPEEDGLAS™ AND WELDING SHIELD WS-SERIES AUTO-DARKENING FILTERS AND HELMETS

Just Added

3M

- Auto-darkening helps to eliminate the neck-strain of "helmet nodding"
- while helping increase the accuracy of electrode placement
- Welders can see their work at comfortable light levels, with eye and face protection
- Comfortable wear/lightweight construction
- Snap together design with adjustability
- Features patented aerodynamic exhaust vents that help to enhance the flow of exhaled air.

Speedglas™ and Welding Shield WS series Auto-Darkening Filter (ADF) is a laminate of seven different layers: a UV/IR filter, three polarizers, two liquid crystal elements and a cover glass. The UV/IR filter continually blocks harmful radiation, whether the filter is ON, OFF, light or dark. Aided by surface-mounted electronics, the proprietary liquid crystal elements act as shutters that detect and react to the welding arc by instantly shading the filter. Meets ANSI Z87.1-2003 for eye and face protection.



Mfg. Part No.	Description	Stock No.	Price 1-4
04-0000-21	Speedglas Auto-Darkening Filter 9002X	39M4326	443.42
04-0012-10X	Speedglas Helmet 9000 w/Auto-Darkening Filter 9000XF, Shade 10	39M4327	338.71
04-0012-10XH	Speedglas Helmet Hard Hat 9000 w/Auto-Darkening Filter 9000XF Shade 10	39M4328	375.67
04-0012-11X	Speedglas Helmet 9000 w/Auto-Darkening Filter 9000XF, Shade 11	39M4329	338.71
04-0012-11XH	Speedglas Helmet Hard Hat 9000 w/Auto-Darkening Filter 9000XF Shade 11	39M4330	375.67
04-0012-12X	Speedglas Helmet 9000 w/Auto-Darkening Filter 9000XF, Shade 12	39M4331	338.71
04-0012-12XH	Speedglas Helmet Hard Hat 9000 w/Auto-Darkening Filter 9000XF Shade 12	39M4332	375.67
04-0012-21	Speedglas Helmet 9000 w/Auto-Darkening Filter 9002X	39M4333	480.37
04-0012-21H	Speedglas Helmet 9000 w/Hard Hat and Auto-Darkening Filter 9002X	39M4334	517.31
04-0012-21HSW	Speedglas Helmet 9000 w/Hard Hat, Sidewindows and Auto-Darkening Filter 9002X	39M4335	541.96
04-0012-21SW	Speedglas Helmet 9000 w/Side Windows and Auto-Darkening Filter	39M4336	505.00
04-0014-00	Speedglas Utility Helmet with Headband	39M4337	57.11
04-0014-10U	Speedglas Utility Helmet w/Auto-Darkening Filter, Shade 10	39M4338	226.87
04-0014-11U	Speedglas Utility Helmet w/Auto-Darkening Filter, Shade 11	39M4339	226.87
04-0320-00	Speedglas Battery (CR-2032)	39M4340	5.59

WELDING SHIELD WS-SERIES

Mfg. Part No.	Description	Stock No.	Price Each
WS-020	Welding Auto-Darkening Filter, Variable Shade 10-12	39M4320	176.99
WS-110	Welding Shield with Standard Glass Filter Plate, Shade 10	39M4321	33.72
WS-320	Welding Shield with Auto-Darkening Filter, Variable Shade 10-12	39M4322	202.28
WS-352	Welding Shield Filter Retainer	39M4323	7.09
WS-356	Welding Filter Battery Holder	39M4324	1.66
WS-363	Welding Auto-Darkening Filter Inside Protection Plate	39M4325	1.66

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OMEGA II™ HARD HATS

- Molded from lightweight, high-density polyethylene
- Meets the requirements of ANSI Z89.1-1997, Type 1, Class C, E and G
- Fully-cushioned brow pad absorbs moisture
- 6-point suspension
- Ratchet suspension fits 5 7/8 to 8



3M

Mfg. Part No.	Description	Color	Stock No.	Price Each
1911	Hard Hat, Ratchet Suspension	White	93K5654	11.23
1912	Hard Hat, Ratchet Suspension	Yellow	93K5655	11.23
1913	Hard Hat, Ratchet Suspension	Orange	39M4161	11.23
1915	Hard Hat, Ratchet Suspension	Red	39M4162	11.23

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PERSONAL SAFETY PRODUCTS

OMEGA II™ HARD HATS (CONT.)

Mfg. Part No.	Description	Color	Stock No.	Price Each
1916	Hard Hat, Ratchet Suspension	Blue	39M4163	11.23
1914	Replacement Ratchet Suspension (for Hard Hat)	...	93K5656	7.31

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HEARING PROTECTION PRODUCTS



Mfg. part nos. 1100 and 1110 feature a tapered design to fit the ear canal and provide added comfort. Made from bright hypoallergenic material. Comes with a braided cord for the worker who needs to take the ear plugs on and off. Disposable. **Mfg. part nos. 1120 and 1130** has a patented articulated shape for improved fit and comfort. **Mfg. part nos. 1260, 1270 and 1271** are reusable, washable multi-flange ear plug with a cloth cord on 1270 and 1271 only. **Mfg. part no. 1435** ear muffs help resolve exposure to noise with a multi-position ear cup and lightweight design provide excellent comfort and fit. **Mfg. part no. 1440** padded ear muffs also feature multi-position ear cups with contoured ear cushion for improved sound insulation. Wide padded headband creates consistent ear seal. Sliding headband tension adjustment for a better fit. **Mfg. part no. 1450** feature durable lightweight plastic ear cups 7.5 ounces and beveled ear cups for a better fit under helmets. Order **mfg. part no. 1442** replacement parts kit: go online or call.

Mfg. Part No.	Description	Noise Reduction Rating	Pkg. Qty.	Stock No.	Price Each
1100-DP	Foam Ear Plug-Dispenser	29db	1 Filled Disp./100 Pair	93K5640	130.10
1100-R	Foam Ear Plug, Bulk Packed for Dispenser	29db	500	31M7893	48.35
1110	Foam Ear Plug, Corded	29db	100	31M7894	21.65
1120	Soft Foam Ear Plug	28db	200 Pairs	81H8166	99.49
1130	Soft Foam Ear Plug, Corded	28db	100	31M7895	23.07
1260	Reusable Ear Plug, Uncorded	24db	100	31M8265	79.73
1270	Reusable Ear Plug, Corded	24db	100	31M7896	105.67
1271	Reusable Ear Plug, Corded w/ Carrying Case	24db	50	31M7897	69.09
1310	Banded Hearing Protector	20-21db	10	31M7898	43.61
1311	Replacement Pads for 1310 (pairs)	...	20	31M7899	15.59
1425	Low Profile Ear Muff 1425	22db	1	31M7900	7.82
1427	Three Position Ear Muff 1427	26-27db	1	31M7901	13.41
1435	General Purpose Ear Muff 1435	23	1	91F6090	13.06
1440	Padded Ear Muff 1440	24	1	19C0549	20.54
1450	Hard Hat Mounted Ear Muff 1450	23	1	19C0550	25.99

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JAR OF EAR PLUGS

Just Added

- Available in either 50-pair or 200-pair jars
- Stores soft foam ear plugs 1120/37062
- Perfect for large or small contractor projects
- Sturdy jar is great for keeping in the contractor truck box/tool kit/job box
- Re-sealable container stores unused plugs for multiple uses
- Light weight storage container takes up less space
- Individual pairs packaged for added protection and freshness



Patented, low-pressure design for improved comfort and fit.

Mfg. Part No.	Description	Stock No.	Price per Jar
R1120J2	Soft Foam Ear Plugs in Clear Plastic Jar, 200 Pairs Per Jar	33M7415	26.63
R1120J5	Soft Foam Ear Plugs in Clear Plastic Jar, 50 Pairs Per Jar	33M7416	8.32

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3M

PARTICULATE RESPIRATORS



3M

High-quality particulate respirators provide comfortable, reliable worker protection in a wide variety of industrial applications. All particulate respirators are lightweight and come with adjustable noseclips and headstraps for greater comfort and a secure seal. **Mfg. part no. 8210** provides protection against non-oil based aerosol particles. **Mfg. part nos. 8212, 8214, 8233, 8511, 8515 and 9211** feature 3M™'s patented one-way Cool Flow™ exhalation valve which offers easy exhalation for cool/dry comfort in work settings that involve heat, humidity, dust and require long periods of wear. **Mfg. part nos. 9210 and 9211** feature an innovative, 3-panel design that offers a low-profile for better visibility and conformability to a wide range of face sizes. NIOSH approved. **Mfg. part no. 8233** N100 particulate respirator is well suited for those who want NIOSH's highest rated filtration efficiency. It provides a minimum filter efficiency of 99.97% against non-oil based particles. Other styles available depending on conditions of use; go online or call.

Mfg. Part No.	Description	Pkg. of	Stock No.	Price per Pkg. 1-4
8210-RESPIRATOR	N95 Particulate Respirator for Dusty Operations	20	49H8038	18.11
8210 PLUS	N95 Particulate Respirator for Dusty Operations	20	93K5663	19.43
8511	N95 Particulate Respirator with Cool Flow Exhalation Valve for Hot /Dusty Operations	10	31M7908	19.10
8515	N95 Particulate Welding Respirator with Cool Flow Exhalation Valve for Welding/Soldering and Hot /Dusty Operations	10	09J4497	36.84
8212	N95 Particulate Welding Respirator with Faceseal and Cool Flow Exhalation Valve for Welding/Soldering and Hot /Dusty Operations	10	31M7905	55.42
9210	N95 Particulate Respirator with 3-Panel Design for Dusty Operations	20	64J8940	21.47
9211	N95 Particulate Respirator with 3-Panel Design and Cool Flow Exhalation Valve for Hot/Dusty Operations	10	31M7909	18.75
8214	N95 Particulate Respirator with Faceseal, Cool Flow Exhalation Valve and Nuisance Level Organic Vapor Relief	10	31M7906	66.28
8247	R95 Particulate Respirator with Nuisance Level Organic Vapor Relief	20	31M7907	61.29
8233	N100 Particulate Respirator with Faceseal and Cool Flow Exhalation Valve for Welding/Soldering and Hot /Dusty Operations	1	88H4271	7.86

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7500 AND 6000 SERIES REUSABLE RESPIRATORS AND ACCESSORIES

RoHS Compliant Available

3M



7500 series ultimate reusable respirators are made of soft, resilient silicone and heat-resistant plastics. The yoke won't get hot to the touch like metal yokes. The 3M™ Cool Flow™ valve design helps make breathing easier, and helps reduce heat and moisture in the facepiece. Unique head harness design adjusts easily so user has the option of wearing the respirator in either traditional or drop-down mode. Sizes are color-coded for easy identification. **6000 series** reusable respirators are an economical choice for full respirator protection. They have a lightweight design with a silicone face-seal which enhances comfort and improves durability. The wide field of vision helps wearers feel safe. Can be used in both negative and positive pressure systems.

7500 AND 6000 SERIES REUSABLE RESPIRATORS*

Mfg. Part No.	Description	Pkg. of	Stock No.	Price per Pkg. 1-4
7501	Half Facepiece Ultimate Reusable Respirator, Small-Size	1	31M7925	23.28
7502	Half Facepiece Ultimate Reusable Respirator, Medium-Size	1	31M7926	23.28
7503	Half Facepiece Ultimate Reusable Respirator, Large-Size	1	31M7927	23.28
6200	Half-Mask Half Facepiece Respirator, Medium-Size	24	92F1455	12.16
6300	Half-Mask Half Facepiece Respirator, Large-Size	24	92F1456	9.12
6800	Full Facepiece Reusable Respirator, Medium-Size	1	09J4495	115.11
6900	Full Facepiece Reusable Respirator, Large-Size	4	16F3622	12.85

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WARNING & SAFETY

● Indicates RoHS Compliant

PERSONAL SAFETY PRODUCTS

7500 AND 6000 SERIES REUSABLE RESPIRATORS AND ACCESSORIES (CONT.)

Mfg. Part No.	Description	Pkg. of	Stock No.	Price per Pkg.
For use with 3M™ 6000 facepieces and 7000 series facepieces with bayonet filter holders. Provides protection from solids, and liquid or oil based particles from sprays. Mfg. part no. 2097 particulate filters for use with mfg. part no. 502 filter adapter; ordered separately below.				
2091	P100 Particulate Filter	2	74K3101	8.28
7093	P100 Particulate Filter	4	31M7924	20.12
2097	P100 Particulate Filter with Nuisance Level Organic Vapor Relief	2	09J4489	11.38

CHEMICAL CARTRIDGES FOR REUSABLE RESPIRATORS

For use with 3M™ 6000 series half and full facepieces and 7000 series half and full facepieces with bayonet-style cartridge holders.

6002	Acid Gas Cartridge	2	09J4492	14.24
6004	Ammonia Methylamine Cartridge	2	09J4493	15.71
6006	Multi Gas and Vapor Cartridge	2	09J4494	14.44
6001	Organic Vapor Cartridge	2	56K5294	4.62
6003	Organic Vapor/Acid Gas Cartridge	2	93K5657	14.60

*NOTE: OSHA regulations require that gas-proof goggles be worn with half facepiece respirators when used against formaldehyde

6000 SERIES ACCESSORIES

Mfg. part no. 5P71 P95 filter for use with mfg. part no. 501 filter retainer. Mfg. part no. 501 filter retainer for use with mfg. part no. 5P71 filters. Mfg. part no. 502 filter adapter for use with mfg. part nos. 2091 and 2097 filters. Mfg. part no. 504 particulate respirator cleaning wipes are 8" x 10" towelettes, which are alcohol-free and will not damage the facepiece materials.

Mfg. Part No.	Description	Pkg. of	Stock No.	Price per Pkg.
5P71	P95 Filter	10	31M7922	15.52
501	Filter Retainer	20	31M7923	43.02
502	Filter Adapter	20	09J4490	51.86
504	Particulate Respirator Cleaning Wipes	100	09J4491	51.26

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MRO ELECTRICIAN'S KIT



RoHS Compliant Available

3M

Just Added

MRO Electrician's kit contains: one roll each: 33+ tape, 88 tape, #35 red, white and blue tape; one- mfg. part no. SDTK-2 connector kit includes: one mfg. part no. TH-440 crimp tool, ring tongue terminals, block fork terminals, female disconnects, butt connectors, and closed-end connectors; one box /100 each: O/B and R/Y Performance Plus spring connectors. Additional information on Performance Plus wire range capabilities available; go online or call.

MRO ELECTRICIAN'S KIT CONTAINS — ONE OF EACH:

Mfg. Part No.	Description	Pkg. Qty.	
● 33+SUPER-3/4X66FT	Highly Conformable, Super Stretchy in All Weather Applications; Resists UV Rays, Abrasion, Corrosion, Alkalies and Acids. Flame Retardant. Dimensions: 3/4"W x 66"L Tape thickness: 7 mil. Color: Black. UL Listed, CSA Certified	1 Roll	
88-SUPER-3/4X66FT	All Weather, Heavy-Duty, Professional Use, Abrasion Resistant, Fast Build-Up. Dimensions: 3/4"W x 66"L Tape thickness: 8.5 mil. Color: Black. UL Listed, CSA Certified		
● 35-RED-3/4	Super Stetchy and Comfortable, Excellent Insulating Properties. Resists UV Rays, Abrasion, Corrosion, Alkalies and Acid. Dimensions: 1/2"W x 20"L Tape thickness: 7 mil. Colors: Red, White, and Blue. UL Listed, CSA Certified		
● 35-WHITE-1/2			
35-BLUE-1/2			
Mfg. Part No.	Description	Pkg. Qty.	
SDTK-2	Connector kit includes: 1 TH-440 crimp tool; ring tongue terminals, block fork terminals, female disconnects, butt connectors, closed-end connectors	1Kit	
Mfg. Part No.	Description	Wire Range	Pkg. Qty.
O/B+BOX	Performance Plus Wire Connectors	Orange/Blue 2-#22 — 2-#12	1 Box /100
R/Y+BOX		Red/Yellow 2-#18 — 2-#8	

Mfg. Part No.	Description	Stock No.	Price Each
MRO ELECTRICIANS KIT	Electrical MRO Products Kit	21M8774	73.94

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FIRE BARRIER PRODUCTS

RoHS Compliant Available

3M



Fire Barrier IC 15WB+ Sealant



Fire Barrier Pillow



Fire Barrier Quick Pass Device 4" Round

Firestop caulks are used to prevent the spread of fire, smoke, toxic fumes and moisture for up to four hours. Good for both joint and through-penetration application. Re-enterable/repairable. Mfg. part no. CP25WB+ CAULK is a no-sag, non-halogen formula; fast-drying tack-free in approximately 10-15 minutes, paintable. Color: brown. Mfg. part no. IC 15WB is a low cost, latex based, intumescent smoke and firestopping sealant for wall and floor penetrations. Easy-to-handle formulation that bonds to concrete, metal, wood and cable jacketing. Dries to a firm, rubber-like solid. Provides up to 2 hours of fire protection. Color: yellow. UL listed.

FIRE BARRIER CAULK

Mfg. Part No.	Description	Stock No.	Price Each
● CP25WB+ CAULK	Fire Barrier CP25WB+ Caulk, 10.1 Fl. Oz. Tube	93K5543	16.68
● IC-15WB-10.1OZ	Fire Barrier Caulk, 10.1 Fl. Oz. Cartridge	81H7444	10.46

COMPOSITE SHEET

Composite sheet is a thin one-part composite system comprised of four components, used for shielding cable trays and conduit, HVAC ductwork and vital process equipment from radiant heat, flame spread and smoke. Fire ratings of up to 4 hours.

Mfg. Part No.	Description	Stock No.	Price per Box
● CS-195+3X2-BOX	Composite Sheet 3' x 2' (Boxed)	81H7129	328.07

MOLDABLE PUTTY STICK

Moldable Putty+ is a one-part, halogen-free product designed to firestop electrical outlet boxes and a wide variety of through-penetrations including cable, conduit, insulated pipe and metal pipe, which penetrate fire-rated construction. Pliable. Easy to mold into any shape. Adheres. Sticks well to most surfaces but not to the applicator's hands. Conformable. Color: red-brown.

Mfg. Part No.	Description	Stock No.	Price Each
● MP+	Moldable Putty Sticks 1.5" x 11"	81H7504	26.51

FIRE BARRIER PILLOW

Fire barrier pillows are a self-contained highly intumescent product designed to firestop a wide variety of through-penetrations including cable trays (up to two per opening), conduit and blank openings, which penetrate fire-rated construction.

Mfg. Part No.	Description	Stock No.	Price Each
● FB-249	Fire Barrier Pillow 2 in X 4 in X 9 in	81H7200	22.50
● FB-269	Fire Barrier Pillow 2 in X 6 in X 9 in	81H7201	25.73
● FB-369	Fire Barrier Pillow 3 in X 6 in X 9 in	81H7202	28.94

FIRE BARRIER QUICK PASS DEVICE AND MOUNTING BRACKETS

Fire barrier quick pass device passes the ASTM E814 Fire Test Standard and is fire-rated for up to 3 hours (dependent upon system application). Fire barrier quick pass devices are UL certified and Class L smoke-rated for additional life-safety protection.

Mfg. Part No.	Description	Stock No.	Price Each
● QP2.5SD	Fire Barrier Quick Pass Device 2-1/2" Square	93K5544	130.41
● QP4RD	Fire Barrier Quick Pass Device 4" Round	93K5546	152.15
● QP4SD	Fire Barrier Quick Pass Device 4" Square	93K5548	152.15
● QP2.5SMB	Fire Barrier Quick Pass Mounting Brackets 2-1/2" SQ Single Mount (Pair)	93K5545	1.24
● QP4RMB	Fire Barrier Quick Pass Mounting Brackets 4" Round Single Mount (Pair)	93K5547	1.35
● QP4SMB	Fire Barrier Quick Pass Mounting Brackets 4" SQ Single Mounting (Pair)	93K5549	1.37

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FILTRETETM AIR FILTERS

Electrostatically charged Filtrete™ fibers work like tiny magnets to attract and retain more of the micro particles in your air. Each filter delivers up to 3 months performance with the optimal balance of filtration efficiency and air flow. Filtrete™ micro particle and airborne allergen reduction filter for capturing allergy aggravating micro particles of dust, smoke and bacteria. Also traps most large particles of pollen, mold, lint and pet dander. Filtrete™ dust reduction filter is an electrostatic filter that captures both large particles and micro particles to reduce dust. Excellent for high-velocity equipment.



3M

RoHS Compliant Available

FILTRETETM ULTRA ALLERGEN FILTER

Mfg. Part No.	Dimensions (in.) Width x Height x Thickness	Stock No.	Price Each
● 2000DC-6	16 x 20 x 1	14M8610	31.23
● 2001DC-6	16 x 25 x 1	14M8611	31.23
● 2002DC-6	20 x 20 x 1	14M8612	31.23
● 2003DC-6	20 x 25 x 1	14M8613	31.23

FILTRETETM MICRO ALLERGEN FILTER

● 9800DC-6	16 x 20 x 1	14M8616	22.70
● 9801DC-6	16 x 25 x 1	14M8617	22.70

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PERSONAL SAFETY PRODUCTS • STATIC CONTROL GROUNDING STRAPS

FILTRETE™ AIR FILTERS (CONT.)

FILTRETE™ MICRO ALLERGEN FILTER

Mfg. Part No.	Dimensions (in.) Width x Height x Thickness	Stock No.	Price Each
● 9802DC-6	20 x 20 x 1	14M8618	22.70
● 9803DC-6	20 x 25 x 1	14M8619	22.70

FILTRETE™ DUST AND POLLEN FILTER

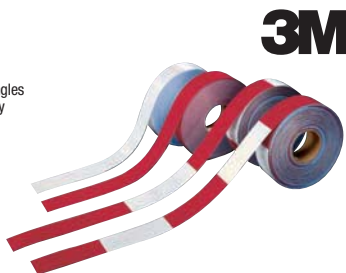
● 9830DC-6	16 x 20 x 1	14M8620	12.75
● 9831DC-6	16 x 25 x 1	14M8621	12.75
● 9832DC-6	20 x 20 x 1	14M8622	12.75
● 9833DC-6	20 x 25 x 1	14M8623	12.75

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983 AND 988 SERIES DIAMOND GRADE™ CONSPICUITY ROLLS

- Optics package for enhanced visibility
- Provides superior reflectivity at wide entrance angles
- Provides better reflectivity when applied vertically
- 7 year warranty
- Aggressive, high tack adhesive
- Alternating 6" red, 6" white, edge sealed on a roll for easy application
- Bright white and vivid red for optimum detection, day or night
- Meets and exceed federal requirements for conspicuity markings
- Yellow tape application: school bus/ emergency vehicles

Used to mark side and rear of vehicles for enhanced visibility and detection. **Sold in 50 yard rolls and convenient precut strips.**



Mfg. Part No.	Color	Size	Stock No.	Price per Roll 1-4
983-10ES WHITE	Solid White	2" x 12" strips	95C2871	139.19
983-32 2"X 50YD	Red/White (Kiss Cut)	2" x 18" strips	94K1115	207.68
983-32 RED/WHITE*	Red/White (Alternating Pattern)	2" x 50 yds.	39M4164	207.68
983-326ES	Red/White (Alternating Pattern)	2" x 50 yds.	33M7406	307.89
983-71	Yellow	2" x 50 yds.	33M7407	258.52

DIAMOND GRADE™ ROUND REFLECTORS

Meets and exceeds DOT and SAE A requirements for reflectors. **Sold in packages of 50.**

Mfg. Part No.	Color	Size	Stock No.	Price per Pkg. 1-4
988 RED	Solid Red	3" diameter	39M4166	52.27
988 AMBER	Solid Amber	3" diameter	39M4165	52.27

* 1 1/2" red x 7" white
(73436)

SORBENT SPILL PRODUCTS



Chemical Sorbent



5-Gallon Spill Kit



Maintenance Sorbent Pad

Mfg. part nos. C-FL550DD and P-FL550DD are ideal for general maintenance, chemical and petroleum applications. Come in dispenser box that can be stored in rack mounted to the wall shown below. Convenient folded sheets are perforated every 16 inches so user can select just the right length for the clean-up job. Can be used as pads, pillows, booms and rolls. **Sold in boxes of 5' x 50'. C-SKFL5 and P-SKFL5** spill kits are excellent for containing hazardous materials in factories, laboratories, police, fire work, etc. Each kit includes 1-chemroll (5" x 26") and one temporary disposable bag and tie. Sorbent drum cover **M-DC22DD** and **P-DC22DD** are designed to be used on a 55 gallon drum to catch drips and spills that occur during the dispensing of all types of non-aggressive liquids used in daily operations. Contains 25 covers per case and sorbs 12 gallons/case and **P-DC22DD** 19 gallons/case. **M-PD1520DD** are ideal for placing in, under and around machines to catch drips. It is highly sorbent and non-granular so it will not damage plant equipment. Each case sorbs 37.5 gallons. **HP-156** and **T-151** petroleum sorbent pads are great for in-plant spills under leaking equipment and machinery. **P-110** chemical sorbent pads are powerful enough to handle acids (including hydrofluoric acid), bases, coolants, and most other hazardous fluids.

Mfg. Part No.	Description	Pkg. Qty.	Stock No.	Price Each 1-4
M-FL550DD	General Maintenance Sorbent	1	81H7473	112.55
C-FL550DD	Chemical Sorbent	1	95B88730	128.94
P-FL550DD	Petroleum Sorbent	1	95B8869	94.33
C-SKFL5	5-Gallon Chemroll Spill Kit	1	91F6088	101.87
P-SKFL5	5-Gallon Petrol Spill Kit	1	81H7536	79.89
M-DC22DD	Chemical Drum Cover w/55 gal Drum Skirt	Case of 25	93K5637	97.32
P-DC22DD	Petroleum Drum Cover w/55 gal Drum Skirt	Case of 25	93K5639	103.03
M-PD1520DD	Maintenance Sorbent Pads 15.5" x 20.5", High Cap.	Case of 100	93K5638	93.58
HP-156	High Performance Oil Petroleum Sorbent Pad (17"x19")	Case of 100	39M4158	57.00

➤ CONTINUED ➤

SORBENT SPILL PRODUCTS (CONT.)

Mfg. Part No.	Description	Pkg. Qty.	Stock No.	Price Each 1-4
T-151	Petroleum Sorbent Pad (17"x19"), High Capacity	Case of 200	39M4160	85.21
P-110	Chemical Sorbent Pad (11"x13")	50	39M4159	34.12

(49290)

SAFETY-WALK™ GENERAL PURPOSE TREAD 610



3M

This mineral-coated, slip-resistant material features a highly durable surface. Low-profile design reduces trip hazard. For use on smooth, flat surfaces. Pressure sensitive adhesive, covered by a removable protective liner. Easy to apply. Piece dimensions: 3/4"W x 24"L. Color: Black.

Mfg. Part No.	Description	Case Qty.	Stock No.	Price per Case
610-BLK 3/4" X 24"	General Purpose Treads - Pieces	50	93K5658	42.27

(88690)

METAL WRIST STRAPS AND GROUNDING CORDS

Metal wrist straps feature quality Spediel™ metal expansion bands for durability and comfort. Each link is covered with an insulative plastic cap. Compatible with wrist strap ground cords mfg. part nos. 2210, 2220, 4610 and 4611.



3M

RoHS Compliant Available

METAL WRIST STRAPS

Mfg. Part No.	Description	Stock No.	Price Each 1-9
2205	Static Control Metal Wrist Band, Small For Wrists 4 1/2" to 6"	24C6876	26.90
2206	Static Control Metal Wrist Band, Medium For Wrists 5 1/2" x 7 1/4"	24C6847	26.90
2207	Static Control Metal Wrist Band, Large for Wrists Larger Than 6 1/2"	24C6855	26.90

WRIST STRAP GROUNDING CORDS

2210	Ground Cord, Coiled 5-ft.	46F7420	18.38
2220	Ground Cord, Coiled 10-ft.	46F7425	28.59
4610	Lightweight Ground Cord, 5-ft.	26H2744	11.74
● 4611	Lightweight Ground Cord, 10-ft.	94B6337	12.00

(79593)

STATIC CONTROL (ESD) MONITORS AND GROUNDING WRISTBANDS

3M



Workstation Monitor



Dual-Conductor Wristband



Dual-Conductor Ground Cord



Static Monitor



Monitor Stand-By Jack

STATIC CONTROL MONITORS

Workstation monitor mfg. part no. 724 is designed to detect electrostatic discharge (ESD) of two operators. Includes a remote dual-conductor jack, AC adapter, ground cord, and monitor/table mat cord. Mfg. part no. 3057 allows an operator to disconnect a ground cord from the wrist band and leave the workstation without deactivating the 724 workstation monitor. Wrist strap monitor mfg. part no. 725 is a small, compact, battery-powered wrist strap monitor used to track ESD and ground one operator. Static monitor mfg. part no. 790 is a cost-effective unit that is small compact and versatile in its usage, and may be mounted directly into device handling equipment, testers and auto insertion equipment. Mfg. part no. 790 measures the voltage potential on a person referenced to earth ground. Equipped with a slide switch that allows the user to select the voltage level necessary for the specific job being performed. **NOTE:** All monitors require each operator to wear a dual-conductor grounding wristband; order separately below.

Mfg. Part No.	Description	Stock No.	Price Each 1-4
724	Workstation Monitor	83F8473	218.26
3057	Monitor Stand-By Jack	66H7371	12.36

➤ CONTINUED ➤

WARNING & SAFETY

● Indicates RoHS Compliant

STATIC CONTROL GROUNDING STRAPS

STATIC CONTROL (ESD) MONITORS AND GROUNDING WRISTBANDS (CONT.)

Mfg. Part No.	Description	Stock No.	Price Each
725	Compact, Portable, Battery-Operated Wrist Strap Monitor	83F8475	114.41
790 STATIC MONITOR	Static Monitor	06H1005	121.85

MONITOR VERIFICATION KITS

Verification kits mfg. part nos. 724VK and 725VK were designed to check the wrist strap input resistance ranges of the 700 series workstation, wrist strap, and work surface monitors. Verification kit 790 contains hardware items for connecting to the static monitor mfg. part no. 790. **NOTE:** In addition to this kit, a DC power supply and resistance substitution box are required (supplied by user). Refer to instruction manual for complete details.

724VK	Verification Kit, Six 1% Resistor Test Plugs and Case	73C1236	79.38
725VK	Verification Kit, Four 1% Resistor Test Plugs and Case	34K0501	63.17
790VK	Verification Kit, One 5' Dual Conductor Ground Cord, One Two-Wire Male Connector with 24" Tinned Lead Wires and One Test Wristband Socket Assembly	24K3779	30.07

DUAL-CONDUCTOR METAL WRIST STRAPS

Long-lasting metal bands with dual grounding cords permit monitoring of resistance to ground of the operator. Used exclusively with the workstation monitor mfg. part no. 724 and the wrist strap monitor mfg. part no. 725; order separately above.

2382	Medium	13C3386	52.72
2383	Large	13C3395	52.72

DUAL-CONDUCTOR FABRIC WRIST STRAPS

The dual-conductor wrist strap permits monitoring resistance to ground of the operator. These straps are segmented for strain relief, comfortable, and made of brightly-colored fabric. Used exclusively with the workstation monitor mfg. part no. 724 and the wrist strap monitor mfg. part no. 725; order separately above.

2368	Adjustable	13C3380	13.27
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DUAL-CONDUCTOR WRISTBAND

Adjustable dual-conductor wristband mfg. part no. 4720 grounding wristband features a thermoplastic strap with a molded conductive interior. Easy-on, easy-off zipper-style latching mechanism adjusts to any wrist size. Lightweight and low-profile design makes reliable contact with skin and provides an effective grounding device. Wristband connects to monitors via dual-conductor wristband mfg. part no. 4720; order separately below. Used in conjunction with workstation monitor mfg. part no. 724 and wrist strap monitor mfg. part no. 725; order separately above.

Mfg. Part No.	Color	Stock No.	Price Each
4720	Blue	95B9075	7.87

DUAL-CONDUCTOR COILED GROUND CORDS

For use exclusively with dual-conductor wristband; order separately above.

Mfg. Part No.	Length	Stock No.	Price Each
2360	5'	97B1092	26.75
2370	10'	12C2401	31.06
2371	20'	12C2404	37.90

(4499)

2300 SERIES DUAL CONDUCTOR GROUND CORDS

Dual conductor ground cords mfg. part nos. 2360R, 2370R, and 2371R, which use a 3.0 mm diameter plug tip, are recommended for use with 3M monitors and some other monitor manufacturers that use a smaller input jack design. The 2360R, 2370R, and 2371R ground cords are identified by gray over molded ends. Dual Conductor Ground Cords mfg. part nos. 2391, 2392, and 2393, which use a 3.4 mm diameter plug tip, are recommended for use with other manufacturers' monitors that use a larger input jack design. The 2391, 2392, and 2393 ground cords are identified by blue over molded ends.



3.0MM DIAMETER PLUG TIP

Mfg. Part No.	Description	Stock No.	Price Each
2360R	Dual Conductor Cord, coiled, right angle connection 5 ft. working length	27M3704	25.47
2370R	Dual Conductor Cord, coiled, right angle connection 10 ft. working length	27M3705	29.58
2371R	Dual Conductor Cord, coiled, right angle connection 20 ft. working length	27M3706	36.09

3.4MM DIAMETER PLUG TIP

2391	Dual Conductor Cord, coiled, right angle connection 5 ft. working length, larger mono plug O.D.	27M3707	25.47
2392	Dual Conductor Cord, coiled, right angle connection 10 ft. working length, larger mono plug O.D.	27M3708	29.58
2393	Dual Conductor Cord, coiled, right angle connection 20 ft. working length, larger mono plug O.D.	27M3709	36.09

(90034)

STATIC CONTROL WORKSTATION GROUNDING KITS

Each Kit Includes:

- 2' x 4' Table mat
- 4' x 6' Floor mat
- 15' Ground cord 3040
- Adjustable wrist strap 2214
- Wrist strap/table mat grounding system 3048

Workstation grounding kits provide the basic items needed to create a static-safe work environment for fabrication, assembly, storage, kitting, testing, and repair operations. Workstation grounding kit 8020 series floor and table mats are made from three-layer static-dissipative material to ensure resistance-to-ground measurement will be same from any point on surface of material. Workstation grounding kit 8030 series table mats are made of softer three-layered, static-dissipative material, while floor mat is of more-rigid, durable, volume-conductive material. Table and floor mats connect to building ground using components included in kit. Up to 2 wrist straps connect to the wrist strap/table mat grounding system. Wrist strap features 1-megohm resistor to protect personnel from electrical shock through cord.



Workstation Monitor

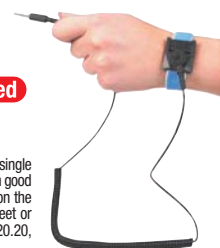
Mfg. Part No.	Mat Color	Description	Stock No.	Price Each
8021	Brown	Kit with 3-Layer Material Table and Floor Mats	46F7446	427.44
8023	Gray		46F7448	427.44
8024	Blue		46F7449	427.44
8033	Gray	Kit with 3-Layer Material Table Mat and Velostat™ Floor Mat	46F7453	402.30
8034	Blue		46F7454	402.30

(4552)

SCC WRIST STRAPS

- Adjustable wristband
- Retractable coiled cord
- 1 meg resistor
- UL listed (WBB series)

Just Added



SCC family of wrist straps offers a complete selection of single wire set, which are designed to fit comfortably and maintain good electrical contact with the person and ground. A lot code on the grounder provides quality traceability. SCC wrist straps meet or exceeds the requirements of ANSI/ESD S-1.1, ANSI/ESD S-20.20, EIA 625, MIL-STD-1686

Mfg. Part No.	Description	Stock No.	Price 1-9
CC61M	Coil Cord, 6', Resistor	39M5814	8.47
ECWS61M-1	Economy Adj. Blue Wrist Strap/6' Cord	39M5815	6.93
WBB-AFWS	Adj. Blue/White Wrist Band	39M5816	6.60
WBB-AFWS61M	Adj. Blue/White Wrist Band/6' Cord	39M5817	13.09

(91139)

ADJUSTABLE FABRIC AND THERMOPLASTIC WRIST STRAPS



Adjustable Fabric



Adjustable Thermoplastic

For all static control processes. Comfortable, custom fit. One size adjusts to any size wrist for reliable, 360° protection. Include an alligator clip, which fits over the banana jack on ground cord to provide an alternative ground attachment method. UL listed.

Mfg. Part No.	Description	Stock No.	Price Each
2204	Adjustable Wrist Band Only	89F878	12.08
2214	Wrist Strap with 5 ft. Coiled Cord	89F879	30.30
2224	Wrist Strap with 10 ft. Coiled Cord	89F880	42.08

ADJUSTABLE THERMOPLASTIC WRIST STRAPS

Adjustable wrist straps 4600 series feature a thermoplastic band with an integrally molded conductive interior. The wrist strap utilizes an easy on/easy off adjustable "zipper" style latching mechanism and is available with 4 mm snaps and 5 ft. ground cords.

4650	Wrist band w/ 5 ft. Coiled Cord, 4 mm Stud and Alligator Clip	30H5784	20.65
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(4561)

STATIC CONTROL GROUNDING STRAPS

ECONOMY ADJUSTABLE
FABRIC WRIST STRAP SET

Mfg. part no. 2272 3M™ adjustable wrist strap set includes 5' cord (extendable to 6'), monofilament band, and alligator clip. 1-megohm resistor and molded-in strain relief. Blue and white band.



3M

Mfg. Part No.	Description	Stock No.	Price Each
2272	Wrist Strap Set	92F1282	9.85
2271	Wrist Band	92F1284	4.43

(4583)

LEAD FREE WRIST STRAP

Just Added

SPC
TECHNOLOGY

Green wrist strap sets that let you know you are in Lead Free area. Green band and coil cord makes this ideal for use in Lead Free areas. Comes in 6' and 12 coils 1/8" snap



SPC20881

Mfg. Part No.	Description	Stock No.	Price Break 1
SPC20881	Green Wrist set 6' Coil	05M3666	11.16
SPC20882	Green Wrist Set 12' Coil	05M3667	12.60

(89735)

WRIST STRAP AND FOOTWEAR RESISTANCE TESTERS

3M



740



747

Mfg. part no. 740 3M™ wrist strap and footwear resistance tester for static control wrist straps. Simple to operate. Wall-mounted unit tests the wrist strap and cord while they are being worn and can also test each component independently to isolate an identified fault. Red and green LEDs give a clear "go" or "no go" indication. 4 different resistance levels. A digital output allows the unit to interface with a computer, automatic door lock, alarm or other control devices. Mfg. part no. 747 shoe and wrist strap resistance tester (certified only) can control the daily inspection and recording of shoes and wrist straps testing on personnel. This fully-functional resistance tester features an external RS-232C data port that allows automatic recording of test results eliminating manual recording and possible errors. Order mfg. part no. 747DLS Data Logging software separately to automatically record test data; go online or call Newark.

Mfg. Part No.	Description	Stock No.	Price Each
740	Wrist Strap and Footwear Resistance Tester	16F1764	602.99
747	Shoe and Wrist Strap Resistance Tester (Certified)	34K0490	2266.00

(4622)

HEEL AND TOE
GROUNDING
ASSEMBLIES

Heel Grounder

Toe Grounder

3M

3M™ heel grounding assemblies provide greater freedom of movement without compromising static control protection. Effectively ground worker in contact with conductive flooring materials. Feature comfortable elastic ankle straps. Simply place assembly over shoe, adjust strap for a comfortable fit and insert extra long contact ribbon between shoe and sock. Foot perspiration produces enough moisture to create electrical contact between conductive ribbon and the body. The intrinsic resistance in the heel strap does not increase shock hazard to wearer. Accommodate most shoes and boots. Mfg. part no. 2044 is a COP-Style heel grounder with a high visibility "yellow glow" strap that helps facility supervisors

➤ CONTINUED ➤

HEEL AND TOE GROUNDING ASSEMBLIES (CONT.)

effectively manage their static control problem. Mfg. part no. 2053 is designed for use with high-heeled shoes, the toe grounding assembly grounds personnel when they are in contact with conductive/ dissipative flooring. To be effective, the shoe grounders must be worn on both feet.

HEEL GROUNDING ASSEMBLIES

Mfg. Part No.	Resistors	Stock No.	Price Each
2044	1 Megohm, Economy	95C1736	5.31
2051	1 Megohm	50F7138	11.02

NON-MARKING HEEL GROUNDING ASSEMBLY

2056	1 Megohm	14C7438	14.63
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TOE GROUNDING ASSEMBLY

2053	1 Megohm	95F5386	13.44
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(4534)

FOOT GROUNDERS



Blue Cup Heel Grounder W/D-Ring

Just Added



Sole Grounder

3M

UL

- 1 meg resistor
- Multi-strand, carbon suffused nylon on polyester ribbon, sewn in sinusoidal pattern to provide side to side conductivity

- Sole exterior <10⁵ ohms
- UL listing and lot coding

Foot grounders are designed and manufactured for comfort, durability, and cost effectiveness. Foot grounders are UL listed for safety and tested for electrical performance. A lot code on the grounder provides quality traceability. Made in the USA, foot grounders feature 3 layer soles, elastic loop, 1 or 2 megohm resistors, 8 strand conductive ribbon, D-ring closures, and multiple colors to improve grounder visibility. Meets or exceeds ESD Standard 9.2 and ESD S20.20 ESD Control Program requirements.

Mfg. Part No.	Description	Stock No.	Price 1-9
BLUE-HGC1MD	Blue, Cup Heel Grounder, W/D-Ring, 1 Meg Resistor	39M5819	10.23
HGC1M-N72-BLU	Blue, Cup Style Heel Grounder, 1 Meg Resistor	39M5820	8.25
ORNS-HGC1M	Orange, Non Scuffing Heel Grounder, 1 Meg Resistor	39M5821	12.65
SG1M-L	Sole Grounder, Large, 1 Meg Resistor	39M5822	15.95
SG1M-M	Sole Grounder, Medium, 1 Meg Resistor	39M5823	15.95
SG1M-SM	Sole Grounder, Small, 1 Meg Resistor	39M5824	15.95
SG1M-XL	Sole Grounder, X-Large, 1 Meg Resistor	39M5825	15.95
TG1M	Toe Grounder, 1 Meg Resistor	39M5826	10.89

(91140)

TOE GROUNDER

Just Added

SPC
TECHNOLOGY

7

Our grounders have the largest cup design with better floor contact and better testing when soiled. Its dual layer construction non-marking interior and conductive outer surface is designed for long wear. The 10" conductive ribbon provides a safe static discharge to ground when tucked into your shoe. Velcro fastening system with a built-in 1-megohm resistor.



SPC20886

Mfg. Part No.	Description	Stock No.	Price Each
SPC20886	1.5 Inch Cup, and 2 Layer Rubber	05M3671	10.20

(89647)

Keep up with
environmental
laws.

(94635)

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WARNING & SAFETY

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STATIC CONTROL GROUNDING STRAPS • STATIC CONTROL BAGS

HEEL GROUNDERS

- Stretch velcro for comfort Non-marking interior Reversible
- cup design 18" conductive tab 1.5" cup 2 layer rubber
- Meets DOD 263A standards



SPC20884



Mfg. Part No.	Description	Heel Color	Stock No.	Price Each
SPC12079	Without Resistor	Black	06H0252	7.28
SPC20884	Includes 1 Megohm Resistor	Blue	05M3669	6.75

(4612)

PORTABLE FIELD SERVICE GROUNDING KITS

These portable grounding kits provide all the basic items needed to create a static-safe work environment for field service work. All kits contain adjustable wrist band, ground cords, and a static-dissipative work surface. Static dissipative grounding kit **8501** is portable and compact. **Mfg. part no. 8505** kit is lightweight and, when folded, small enough to fit in a shirt pocket. Portable field service kit **8507** also includes wrist strap monitor **725** and dual conductor wrap strap with grounding cord, to give a field technician the same continuously monitored, static-protected working environment as that enjoyed by workers in a manufacturing facility.



Mfg. Part No.	Description	Stock No.	Price Each
8501	Field Service Grounding Kit	46F7444	79.52
8505	Small, Lightweight, Portable Field Service Grounding Kit	95F2864	116.42
8507	Portable Field Service Kit with Continuous Monitoring	90B4103	181.04

(4660)

SCC GROUND CORDS

Just Added



Low Profile Common Ground Cord



Bench Ground Block

- Table mat ground cord **LPGC151M** connect a mat and two wrist straps to ground
- Floor mat ground cord **FGC151M** has domed profile to help avoid snap disconnect
- Ground block mounts to bench and connects two wrist straps to ground. Two parking studs reduce damage to cords left at the bench. No Resistor.

Use SCC ground cords to connect your table, floor mats and wrist straps to a ground point and comply with ANSI/ESD S-20.20 and ESD STM-6.1. Both ground cords include one megohm resistor and #10 ring terminal.

Mfg. Part No.	Description	Stock No.	Price 1-9
FGC151M	Floor Ground Cord w/ 3/8" Stud and 15' Cord	39M5829	13.75
LPGC151M	Low Profile Common Grnd Cord w 3/8" Stud	39M5830	13.75
WSGR2	Bench Ground Block for Wrist Straps, 10' Cord, No Resistor	39M5831	16.83

(91141)

DISPOSABLE WRIST STRAP

Disposable wrist strap 2209 is ideally suited for shipping with valuable products to provide protection at the receiving end; or in the plant environment for short-term usage by visitors and others who don't need the durability of a reusable strap. Hypo-allergenic adhesive provides 360° contact with skin to minimize skin-to-band resistance. Adhesive-backed copper foil at other end adheres to any convenient electrical ground. 1MΩ resistor contained in the black volume-conductive layer. UL listed.



Mfg. Part No.	Description	Stock No.	Price Each
2209	Disposable Wrist Strap	89F876	1.61

(4662)

WRIST STRAP TESTER

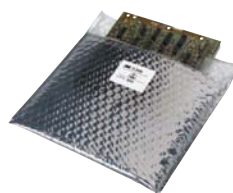
Wrist strap tester 746 provides periodic testing of wrist straps while the strap is being worn. Accepts both standard and shrouded (European) banana plugs. PASS/FAIL LED indicates if strap resistance is within acceptable limits, (7509KΩ to 10MΩ). Supplied with an AC adapter, a 9V lithium battery, and a wall mounting kit. CE compliant.



Mfg. Part No.	Description	Stock No.	Price Each
746	Wrist Strap Tester	93B4477	501.58

(4663)

METAL-OUT CUSHIONED REUSABLE STATIC-SHIELDING BAGS AND WRAP



2120R Bags



2126R Wrap

2120R series metal-out cushioned bags are used for physical protection as well as static shielding. Cost-effective and convenient, the five-layer construction protects against direct discharge, triboelectric charge and static fields. The inside layer (closest to components) is a smooth, static-dissipative polyethylene liner that minimizes snagging of pins or sharp edges during insertion and removal. Open-cell cushioning enhances shock protection. Metal-out construction makes bags easily testable and reusable. Thickness: 125 mil. Strength tested to ASTM D882 (tensile), FTMS 101 (puncture) and MIL-B-81705 (seal) standards. **2126R series** cushioned static-shielding wrap provides shielding and physical protection for large or irregularly shaped circuit boards. Made of the same open-cell cushioning construction used for **2120R series** static-shielding bags and is heat-sealable, but does not have the smooth inner liner. Can be cut to fit various wrapping applications.

2120R SERIES CUSHIONED STATIC-SHIELDING BAGS — SOLD IN PACKAGES OF 100

Mfg. Part No.	W x L (in.)*	Stock No.	Price per Pkg.
2120R 08X07	8×7	52F7569	129.32
2120R 10X07	10×7	52F7570	147.54
2120R 08X11	8×11	52F7571	161.52
2120R 12X11	12×11	52F7572	224.04
2120R 14X11	14×11	52F7573	251.46

2126R SERIES CUSHIONED STATIC-SHIELDING WRAP — SOLD IN 125' ROLLS

Mfg. Part No.	W x L (in.)	Stock No.	Price per Roll
2126R 24X125	24×125	35K3434	209.52
2126R 48X125	48×125	35K3435	642.92

*First dimension is opening size
(4608)

METAL-OUT STATIC-SHIELDING BAGS



Metal-out static-shielding bags **2100R** and **2110R series** are produced with a construction in which the shielding layer is very near the exterior surface. A thin abrasive-resistant coating protects this metal surface from scratches, but still permits rapid charge draining when the bag is placed on a conductive or dissipative work surface. The bags use a double-thick polyester with an applied thin metallization layer which makes the bags more durable and provides electrical isolation that prevents electrical currents from passing through the bag. The interior features an amine-free antistat agent that limits triboelectric charging of parts as they move around inside the bag. Functions properly in conditions as low as 10% relative humidity. **2110R series** bags feature a zipper closure for easy opening and closing. Sold in packages of 100.

2100R SERIES STATIC-SHIELDING BAGS

Mfg. Part No.	W x L (in.)	Stock No.	Price per Pkg.
2100R-4X6	4×6	33K4633	21.59
2100R-5X8	5×8	33K4634	35.67
2100R-6X8	6×8	33K4636	35.91
2100R-6X10	6×10	33K4635	41.28
2100R-8X10	8×10	33K4637	45.36
2100R-8X12	8×12	33K4638	51.42
2100R-10X12	10×12	33K4629	63.92
2100R-12X18	12×18	33K4630	108.81
2100R-15X18	15×18	33K4631	135.45
2100R-18X18	18×18	33K4632	161.67

2110R SERIES STATIC-SHIELDING BAGS WITH RECLOSEABLE ZIPPER

Mfg. Part No.	W x L (in.)	Stock No.	Price Each
2110R-4X6	4×6	33K4642	28.34
2110R-5X8	5×8	33K4643	46.87
2110R-6X8	6×8	33K4645	48.38
2110R-6X10	6×10	33K4644	54.18

► CONTINUED ►

STATIC CONTROL BAGS

METAL-OUT STATIC-SHIELDING BAGS (CONT.)

2110R SERIES STATIC-SHIELDING BAGS WITH RECLOSABLE ZIPPER

Mfg. Part No.	W x L (in.)	Stock No.	Price per Pkg.
			1-5
2110R-8X10	8x10	33K4646	59.60
2110R-8X12	8x12	33K4647	67.56
2110R-10X12	10x12	33K4639	83.95
2110R-10X14	10x14	33K4640	99.31
2110R-11X15	11x15	33K4641	117.93

(84868)

METAL-IN STATIC-SHIELDING BAGS

Metal-in static-shielding bags **1900** and **1910 series** are an economical alternative shielding bag for less demanding applications where testing and reusing bags are not prime considerations. Aluminum is vapor-coated on half-mil polyester. This shielding layer is bonded between the polyester layer and a static-dissipative polyethylene inner layer. These static-shielding bags are amine-free, non-corrosive and meet EIA-541 definition for static shielding/dissipative packaging. **1910 series** bag features a zipper closure for easy opening and closing. **Sold in packages of 100.**



1900 SERIES STATIC-SHIELDING BAGS

Mfg. Part No.	W x L (in.)	Stock No.	Price per Pkg.
			Each
1900 03X05	3x5	50F7146	9.39
1900-4X6	4x6	33K4604	9.23
1900-5X8	5x8	50F7147	12.14
1900-6X8	6x8	33K4605	14.01
1900 06X10	6x10	97C5001	17.10
1900-8X10	8x10	33K4606	21.08
1900-8X12	8x12	33K4607	23.11
1900-10X12	10x12	33K4601	28.24
1900-12X18	12x18	33K4602	50.22
1900-15X18	15x18	33K4603	62.04
1900 18X18	18x18	50F7159	86.99

1910 SERIES STATIC-SHIELDING BAGS WITH RECLOSABLE ZIPPER

Mfg. Part No.	W x L (in.)	Stock No.	Price per Pkg.
			Each
1910-4X6	4x6	92F1300	14.83
1910-5X8	5x8	33K4611	17.86
1910-6X8	6x8	33K4613	19.11
1910-6X10	6x10	33K4612	23.35
1910-8X10	8x10	50F7151	26.71
1910-10X12	10x12	33K4608	38.79
1910-11X15	11x15	33K4609	52.38
1910-12X18	12x18	33K4610	67.66
1910 18X18	18x18	50F7153	117.18

(84870)

METAL-IN TRANSPARENT SHIELDING BAGS

Just Added



ZIP CLOSE



FLAT

Shield Bags are designed for packaging products that are very sensitive to low-level static discharges. Transparent shielding bags 3mil thick, metal-in, no outgassing, zipper or flat.

ZIP CLOSE

Mfg. Part No.	W x L (in.)	Stock No.	Price per Pkg.
SPC20894	4x6	05M3679	13.25
SPC20895	5x8	05M3680	19.33
SPC20896	5x10	05M3681	29.03
SPC20897	6x10	05M3682	33.33
SPC20898	8x10	05M3683	34.53
SPC20899	8x12	05M3684	37.39
SPC20900	10x12	05M3685	46.08
SPC20901	10x24	05M3686	92.50
SPC20902	12x16	05M3687	66.68
SPC20903	12x18	05M3688	92.50

▶ CONTINUED ▶

METAL-IN TRANSPARENT SHIELDING BAGS (CONT.)

Mfg. Part No.	W x L (in.)	Stock No.	Price per Pkg.
SPC20904	14x10	05M3689	55.95
SPC20905	15x18	05M3690	80.87
SPC20906	16x18	05M3691	83.90
SPC20907	18x18	05M3692	133.35
SPC20908	18x24	05M3693	133.37

FLAT

SPC20909	3x5	05M3694	6.69
SPC20910	4x6	05M3695	7.49
SPC20911	5x8	05M3696	11.85
SPC20912	6x10	05M3697	14.34
SPC20913	8x10	05M3698	20.49
SPC20914	8x12	05M3699	23.59
SPC20915	10x12	05M3700	27.29
SPC20916	10x14	05M3701	32.47
SPC20917	10x24	05M3702	58.12
SPC20918	12x16	05M3703	43.37
SPC20919	12x18	05M3704	49.91
SPC20920	15x18	05M3705	73.15
SPC20921	18x18	05M3706	90.84
SPC20922	18x24	05M3707	99.27

(89690)

PINK POLY ANTI-STATIC BAGS



Sold in packs of 1000 - ESD
Sticker not included



Pink Anti-Static 4 Mil, Flat

Mfg. Part No.	Description	Stock No.	Price per Pkg.
SPC14599	Anti Static Bags, "Pink Poly", 3 Inch X 5 Inch, Flat	30K6333	54.23
SPC14600	Anti Static Bags, Pink Poly, 4 Inch X 6 Inch, Flat	30K6334	73.14
SPC14601	Anti Static Bags, Pink Poly, 5 Inch X 8 Inch, Flat	30K6335	89.25
SPC14602	Anti Static Bags, Pink Poly, 6 Inch X 10 Inch Flat	30K6336	132.23
SPC14603	Anti Static Bags, Pink Poly, 8 Inch X 10 Inch, Flat	30K6337	142.58
SPC14604	Anti Static Bags, Pink Poly, 8 Inch X 12 Inch, Flat	30K6338	190.71
SPC14605	Anti Static Bags, Pink Poly, 10 Inch X 12 Inch, Flat	30K6339	204.57
SPC14606	Anti Static Bags, Pink Poly, 10 Inch X 14 Inch, Flat	30K6340	249.62

Pink Anti-Static 4 Mil, Zip Lock

SPC14607	Anti Static Bags, Pink Poly, 3 Inch X 5 Inch, Zip Lock	30K6341	163.49
SPC14608	Anti Static Bags, Pink Poly, 4 Inch X 6 Inch, Zip Lock	30K6342	200.49
SPC14609	Anti Static Bags, Pink Poly, 6 Inch X 8 Inch, Zip Lock	30K6343	224.94
SPC14610	Anti Static Bags, Pink Poly, 6 Inch X 10 Inch, Zip Lock	30K6344	343.93
SPC14611	Anti Static Bags, Pink Poly, 12 Inch X 12 Inch, Zip Lock	30K6345	355.34
SPC14612	Anti Static Bags, Pink Poly, 12 Inch X 12 Inch, Zip Lock	30K6346	197.23

(85032)

MOISTURE BARRIER STATIC-SHIELDING BAGS



Moisture vapor barrier bags **3370 series** have been designed to meet the demanding moisture protection needs of the electronics market. Utilizes a multi-layer 3.6 mil. film design that provides puncture and tear resistance. A 1/2" seam is provided to increase reliability so that the finished bags are able to maintain the MVTR level equivalent to that of the film. Provides high-frequency protection and static shielding to protect the most sensitive parts. Uses a clean barrier film which exceeds the requirements of EIA-583 Class I and contains no amines, amides or N-Octanoic acid. Outgassing levels are extremely low. Meets the electrical and physical requirements of JESD 625A, MIL-PRF-81705, Type 1, EN100015, IEC61340-5-1. **Sold in packages of 100.**



Mfg. Part No.	W x L (in.)	Stock No.	Price per Pkg.
			1-5
3370-4X6	4x6	33K4666	13.03
3370-5X8	5x8	33K4667	17.67
3370-6X10	6x10	33K4668	24.46
3370-10X12	10x12	33K4662	42.37
3370-12X16	12x16	33K4663	64.53
3370-16X18	16x18	33K4664	91.63
3370-18X24	18x24	33K4665	132.75

(84871)

WARNING & SAFETY

● Indicates RoHS Compliant

STATIC CONTROL BAGS

ELECTRICALLY-CONDUCTIVE HEAT-SEALABLE BAGS

Conductive bags are made of opaque, volume-conductive carbon-impregnated polyolefin. They are easily grounded and the electrical characteristics are not affected by age or humidity. These standard bags are readily heat-sealable and 4 mil. thick. **Sold in packages of 100.**



3M

Mfg. Part No.	Stock No.	Price per Pkg.
2004 5 X 8	64K2178	52.72
2004 8 X 12	64K2171	76.11
2004 10 X 12	64K2180	93.92
2004 12 X 16	64K2168	154.56
2004 15 X 18	64K2175	194.69

(84872)

SCC DRI-SHIELD 2000 METALLIZED MOISTURE BARRIER BAGS

Just Added

RoHS Compliant Available

3M

- The widely used bag structure for dry packing to EIA 583 and MIL-PRF-81705 level
- Amine Free: passes outgassing and corrosion tests
- Used for packaging SMD's in trays, shipping tubes, and reels
- Printed with ESD and moisture symbols
- Lot coded for traceability
- Heat sealable
- Testable to industry standards
- ANSI/ESD S-20.20, EIA 583, MIL-PRF-1705D, EIA 625, ANSI/ESD S-541
- 3.6 mils thick



SCC Dri-Shield 2000 family of moisture barrier bags satisfy many dry packing applications and provide the same static control benefits as static shielding bags. Moisture barrier bags work by enclosing a device with a metal shield that has a high resistance to moisture vapor permeation. Dry devices are placed inside this shield, and the moisture-laden air is evacuated. Desiccant filled pouches scavenge the remaining moisture from the bag's interior. **Sold in packages of 100.**

Mfg. Part No.	W x L (in.)	Stock No.	Price per Pkg.
● 700610	6x10	39M3857	19.00
● 7001012	10x12	39M3851	35.04
● 7001030	10x30	39M3852	81.32
● 7001216	12x16	39M3853	55.03
● 7001518	15x18	39M3854	72.89
● 7001618	16x18	39M3855	77.45
● 7001824	18x24	39M3856	112.41

(90816)

SCC DRI-SHIELD 3000 FOIL MOISTURE BARRIER BAGS

Just Added

RoHS Compliant Available

3M

- Meets the requirements of IPC/JEDEC J-STD-033
- Strong, suitable for vacuum packaging and nitrogen flushing
- Meets electrical and physical requirements of EIA 583, ANSI/ESD S-541, EIA 625, and MIL-PRF-81705, and IPC/JEDEC J-STD-33
- Amine Free, passes outgassing and corrosion tests
- Used for packaging SMD's in trays, shipping tubes, and tape and reel
- Printed with ESD and moisture symbols
- Lot coded for traceability
- Heat sealable
- Testable to industry standards
- ANSI/ESD S-20.20, EIA 583, MIL-PRF-1705D, EIA 625, ANSI/ESD S-541
- 6.1 mils thick



SCC Dri-Shield 3000 foil moisture barrier bag meet the rigid J-STD-033 requirements. Dri-Shield 3000 foil moisture barrier bags meet many dry packing applications and provide the same static protection as static shielding bags. SCC Dri-Shield 3000 foil moisture barrier bag/6.1 Mil. work by enclosing a device with a metal shield that has a high resistance to moisture vapor permeation. Dry devices are placed inside this shield, and the moisture-laden air is evacuated. Desiccant filled pouches scavenge the remaining moisture from the bag's interior. **Sold in packages of 100.**

Mfg. Part No.	W x L (in.)	Stock No.	Price per Pkg.
● D301020	10x20	39M4144	97.21
● D301030	10x30	39M4145	130.65
● D301618	16x18	39M4146	124.57

(90817)

SCC 1000 OPEN TOP METAL-IN STATIC-SHIELDING BAGS

Just Added

RoHS Compliant Available

3M

- Faraday Cage effect shielding protects electronic devices from ESD and electrostatic fields
- Durability is enhanced by positioning the metal layer between polyester and polyethylene
- Four layer construction offers excellent protection from punctures and tears
- Bags are printed with ESD warning symbol and date coded for QC traceability
- Testable to industry standards
- ANSI/ESD S-20.20, MIL-PRF-81705D, ANSI/ESD S-541



SCC 1000 is a consistently reliable, transparent, metal-in, static-shielding bag used to provide a static safe environment for sensitive electronic devices. Ideal for IC and PCB protection. SCC 1000 bags are tested to meet or exceed the requirements of MIL-PRF-81705D Type III, EIA 625, MIL-HDBK-263, MIL-STD-1686, and EOS/ESD Standards. **Sold in packages of 100.**

Mfg. Part No.	W x L (in.)	Stock No.	Price per Pkg.
● 10024	2x4	39M3792	4.59
10034	3x5	39M3793	4.83
● 10046	4x6	39M3795	5.64
● 10058	5x8	39M3796	9.74
● 100424	4x24	39M3794	19.73
● 100610	6x10	39M3797	12.08
● 100810	8x10	39M3798	16.75
● 100812	8x12	39M3799	18.44
● 1001218	12x18	39M3789	40.01
● 1001418	14x18	39M3790	43.07
● 1002024	20x24	39M3791	73.02

(90819)

CONDUCTIVE CONTAINERS



Round Container w/ Cover



Hinged Container

Injection-molded plastic, noncorrosive and lightweight. Static-sensitive devices can be transported in these containers which provide protection from direct static discharges as well as from static fields from charged personnel and materials.

HINGED CONTAINERS

Hinged containers feature molded pin hinges that provide better security and reliability than traditional snap hinges.

Mfg. Part No.	Dimensions			Stock No.	Price Each
	Length (in.)	Width (in.)	Depth (in.)		
4021	2.88	1.19	.50	03H2900	2.10
4022	3.88	1.94	.50	94F8839	2.35
4023	2.56	3.5	1.75	93B3590	2.83
4024	7	3.5	1.	94F8840	5.60

ROUND CONTAINERS WITH COVERS

Injection-molded in a variety of shapes and sizes. They are ideal for static-safe storage, kitting, and in-process handling and transporting of static-sensitive assemblies and devices.

Mfg. Part No.	Dimensions		Stock No.	Price Each
	Diameter (in.)	Height (in.)		
4011	2.38	.88	06C1107	4.90
4012	3.38	.88	91B8737	6.70
4013	1.81	4.	83K9442	10.15
4014	4.06	2.34	95C3058	14.63

(88087)

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tomorrow.**

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(94640)

STATIC CONTROL BAGS • STATIC CONTROL MATS

STATIC CONTROL ACCESSORIES



3M

Just Added

Aisle Marking PVC Tape Features:

- 3" wide, 54 feet long, 6 mil thick, scuff-resistant tape, with 3" core
- **Mfg. part no. AISLETAPE54** yellow on black for static sensitive areas
- **Mfg. part no. RAISLETAPE54** green on white for lead-free areas with "no-lead" Pb warning symbol and message

SP3010 Soldering Tool Features:

- Superior strength glass-filled nylon for durability
- Cone shaped, pointed tip to form leads and probe parts
- Screwdriver shaped blade to spudge solder joints flat
- Wire notch to chase wires and leads

Aisle marking tape allows you to define lead-free production areas and production areas requiring static protective measures. **Mfg. part no. SP3010** soldering tool will help you form component leads, probe circuit cards, and chase wire and leads. Tough glass-filled nylon plastic makes this tool durable and long lasting.

Mfg. Part No.	Description	Roll Length (ft.)	Stock No.	Price 1-9
AISLETAPE54	Aisle Marking Tape	54	39M5839	21.89
RAISLETAPE54	Lead-Free Aisle Marking Tape	54	39M5840	24.09
SP3010	Soldering Tool	...	39M5841	1.65

(91167)

SCC DESICCANT

Just Added

3M

- Tyvek plastic pouch
- Blue ink printing
- Montmorillonite clay media
- Free flowing form even when fully saturated
- Packaged in air tight pails

SCC desiccants absorb airborne moisture left inside the bag during the vacuum sealing process, and capture moisture that manages to pass through the bag material during use. Secured in a strong envelope of clean room compatible, sulphur-free, Tyvek brand plastic, these desiccants help keep devices at acceptable moisture levels. Meets the requirements of EIA 583 and MIL-D-3464, Types I and II, IPC/JEDEC J-STD-033. Choose from four sizes for just the right amount of protection. Use with HIC's and SCC Dri-Shield family of moisture barrier bags for dry packing SMD's and other moisture sensitive devices. Additional sizes also available; [go online or call](#).



Mfg. Part No.	Description	Bag Size	Bags per Pail	Stock No.	Price per Pail 1-4
1/3TYDES700	Desiccant, 1/3, Tyvek Bag	1/3 Unit	700	39M5873	102.77
1/2TYDES550	Desiccant, 1/2, Tyvek Bag	1/2 Unit	550	39M5872	98.98
1TYDES300	Desiccant, 1, Tyvek Bag	1 Unit	300	39M5874	81.87
2TYDES150	Desiccant, 2, Tyvek Bag	2 Unit	150	39M5875	64.66

(91138)

STATIC-DISSIPATIVE TABLE AND FLOOR MATS AND RUNNERS

3M



Static-Dissipative Rubber Table Mat

Static-Dissipative Vinyl Three-Layer Floor Mats

STATIC-DISSIPATIVE RUBBER TABLE AND FLOOR MATS AND RUNNERS

Static-dissipative rubber table and floor mats and runners feature a dual-layer construction consisting of a top layer of static-dissipative rubber laminated to a bottom layer of conductive rubber. The synthetic rubber work surface offers excellent resistance to oil, grease, and most common solvents, plus a higher degree of resistance to heat and hot solder than vinyl. Easy to keep surface clean with **mfg. part no. 8001** static control surface mark remover; *ordered separately below*.

STATIC-DISSIPATIVE RUBBER TABLE MATS

Each table mat includes one **mfg. part no. 3048** wrist strap grounding system and two **mfg. part no. 3034** female snap fasteners (installed).

Mfg. Part No.	Size	Color	Stock No.	Price Each 1-4
88A0	2' x 3'	Gray	93K6238	60.80
88A1	2' x 3'	Blue	93K6239	60.80
88A2	2' x 3'	Green	93K6240	60.80
8810	2' x 4'	Gray	66F9500	83.49
8811	2' x 4'	Blue	66F9501	83.49
8812	2' x 4'	Green	83K9448	83.49
8830	3' x 4'	Gray	93B0292	150.28
8831	3' x 4'	Blue	22C9016	150.28
8800	2' x 40' Roll	Gray	93K6242	810.53
8801	2' x 40' Roll	Blue	93K6243	810.53

STATIC-DISSIPATIVE RUBBER TABLE RUNNERS

Each table runner includes two **mfg. part no. 3040** 15' ground cords and five **mfg. part no. 3034** female snap fasteners (not installed).

Mfg. Part No.	Size	Color	Stock No.	Price Each 1-4
8840	2' x 24'	Gray	66F9504	486.33
8841	2' x 24'	Blue	66F9505	486.33

➤ CONTINUED ➤

STATIC-DISSIPATIVE TABLE AND FLOOR MATS AND RUNNERS (CONT.)

STATIC-DISSIPATIVE RUBBER TABLE RUNNERS

Mfg. Part No.	Size	Color	Stock No.	Price Each 1-4
8842	2' x 24'	Green	83K9449	486.33
8860	3' x 24'	Gray	71C9304	875.38
8861	3' x 24'	Blue	82H1043	875.38
8890	4' x 40' Roll	Gray	93K6244	1621.06
8891	4' x 40' Roll	Blue	93K6245	1621.06

STATIC-DISSIPATIVE RUBBER FLOOR MATS

Each floor mat includes one **mfg. part no. 3040** 15' ground cord and two **mfg. part no. 3050** female snap fasteners (installed).

Mfg. Part No.	Size	Color	Stock No.	Price Each 1-4
8870	4' x 6'	Gray	66F9508	243.17
8871	4' x 6'	Blue	66F9509	243.17

STATIC-DISSIPATIVE VINYL THREE-LAYER TABLE AND FLOOR MATS AND RUNNERS

Static-dissipative vinyl table and floor mats and runners feature a three-layer construction. The top layer is semiconductive vinyl with a sufficiently low-resistance to discharge static-laden conductors while preventing the shorting of PC boards laid on the mat. The second layer is a highly conductive scrim, which provides the main discharge path to ground. The third layer is nonconductive foam backing, which prevents the bypassing of the protective conductive layers. Easy to keep surface clean with **mfg. part no. 8001** static control surface mark remover; *ordered separately below*.

STATIC-DISSIPATIVE VINYL THREE-LAYER TABLE MATS

Each three-layer constructed table mat includes one **mfg. part no. 3048** wrist strap grounding system and two female snap fasteners (installed).

Mfg. Part No.	Size	Color	Stock No.	Price Each 1-4
8211 TABLE MAT	2' x 4'	Brown	46F7458	81.41
8213	2' x 4'	Gray	90F2069	81.41
8214	2' x 4'	Blue	90F2070	81.41
8261	2' x 24'	Brown	50B186	365.25
8263	2' x 24'	Gray	26H0168	365.25
8264	2' x 24'	Blue	90B3868	365.25
8234	2' x 50'	Blue	93K6235	630.71
8244	2.5' x 50'	Blue	93K6236	788.38
8274	3' x 50'	Blue	93K6237	946.05

STATIC-DISSIPATIVE VINYL THREE-LAYER FLOOR MATS AND RUNNERS

Each three-layer constructed floor mat includes one **mfg. part no. 3040** 15' ground cord and two **mfg. part no. 3050** female snap fasteners (installed). Each three-layer constructed floor runner (except **mfg. part no. 8244**) includes two **mfg. part no. 3040** 15' ground cords and two **mfg. part no. 3050** female snap fasteners to be installed by customer.

Mfg. Part No.	Size	Color	Stock No.	Price Each 1-4
8224	2' x 3' Floor Mat	Blue	93K6234	61.05
8201	4' x 6' Floor Mat	Brown	46F7456	204.55
8284	2' x 40' Floor Runner	Blue	81H3193	504.55
8281	2' x 40' Floor Runner	Brown	09J2371	504.55
82A4*	4' x 50' Floor Runner	Blue	93K6233	1261.39

*No hardware

STATIC CONTROL SURFACE MARK REMOVER

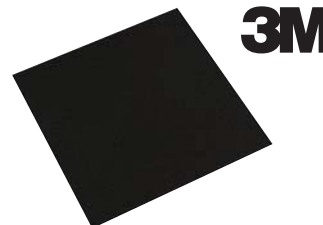
Mfg. part no. 8001 static control surface mark remover is an extra-strength cleaner for removing ordinary dirt and grime, as well as difficult spots and stains, from all types of static control surfaces: table and floor mats and runners, hard laminate benchtops, portable field service kit work surfaces, etc. This easy-to-use cleaner is suitable for any washable static control surface. Designed to be used full-strength, it's a clear, homogenous, water-based liquid that contains detergents, conditioners, and other cleaning additives, and has a fresh, clean scent. Comes in a handy, refillable 1-quart spray bottle.

Mfg. Part No.	Description	Stock No.	Price Each 1-4
8001	Static Control Surface Mark Remover, 1-Quart Bottle	83K9447	7.22

(4661)

1864 SERIES FLOOR MAT

The main purpose of a conductive floor mat or runner is to remove static charge from personnel as they approach work areas. This could include supervisors and parts delivery personnel, as well as the worker who removes his or her wrist strap and momentarily steps away. Floor mats provide significant passive protection in well-traveled assembly areas. Continuous runners extend static protection throughout and between entire areas. This is a semi-flexible conductive floor mat that contains a rubber filler for resilience.



Mfg. Part No.	Description	Stock No.	Price Each 1-4
1864 4X6	Electrically Conductive Floor Mat, 1/8 x 4' x 6'	93K6229	278.27
1864R 2'X40'	Electrically Conductive Floor Runner, 1/8 x 2' x 40'	93K6230	835.20

(89905)



STATIC CONTROL MATS

9900 SERIES STATIC CONTROL ANTI-FATIGUE MATS

- Optimized for just the right softness
- Encourages blood flow in the lower legs
- Resists bottoming out
- Provides response to worker movements
- Balances shock absorption and resilience
- Gets softer as compressed
- Resists warping, bunching, and creeping
- Easy to clean surface
- Durable structure and edges



3M

Just Added

Static control anti-fatigue mats enable workers to stand comfortably for long periods of time while minimizing the fatigue associated with working while standing. Manufactured from durable SBR/EPDM/NBR/natural rubber, anti-fatigue mats consist of a matrix of hollow cylinders that function like springs when compressed. This provides a durable cushion that offers a secure, stable footing and a unique energizing responsiveness. Their structure provides a stable surface supported by rubber cells that soften in response to surface activity. These cells provide the most effective cushioning solution because the static control anti-fatigue mats get softer as compressed, not harder like products made of foam. Static control anti-fatigue mats **9900 series** are electrically conductive. Each mat is supplied with a **3034** snap and **3040** ground cord. The **3034** snap is pre-installed in the mat.

Mfg. Part No.	Description	Stock No.	Price Each
9900 3X5	Static Control Anti-Fatigue Mat, 3 ft. x 5 ft.	21M6199	374.00
9920	Static Control Anti-Fatigue Octagonal Mat, 22 in. diameter	27M3742	124.10

(90033)

MAT SNAP FASTENERS AND WRIST STRAP GROUNDING SYSTEM

Mfg. part no. **3033** and **30340**. 125 in. (3.2 mm) hole, 10 mm diameter, for mats and runners. **Sold in packs of 10.**
Mfg. part no. **3048** grounding system for wrist straps easily snaps on mats and runners (10mm male snap); grounds two single conductor wrist straps. Comes complete with ring connector and 4.57m ground cord. Ground cord has a 1 megohm resistor for mat connection only.



3M

Mfg. Part No.	Description	Stock No.	Price Each
3033	Snap Fastener, Male	93K6231	16.90
3034	Snap Fastener, Female	91C6270	16.90
3048	Grounding System for Wrist Strap/Table Mat w/15' ground cord/grounds 2 single conductor wrist straps	87F3726	28.08

(88924)

SCC MAT SNAPS

Just Added

3M

- Size: 3/8" (10mm) Female
- Rivet style snap includes 10 sockets and 10 eyelets in each pack



Female Prong Snap



Female Snap

SCC snaps are used to connect a ground cord to a static mat. Rivet style snaps are attached with a snap tool. Clinch style snaps are attached without using a specialized tool. These nickel plated brass snaps provide good electrical connection and a long service life. **Sold in packs of 10.**

Mfg. Part No.	Description	Stock No.	Price per Pkg.
FPSNAP	3/8" Female Prong Snap Socket	39M5833	2.32
SNAPSOCKET3/8	3/8" Female Snap For Mats	39M5835	0.32

(91142)

DISSIPATIVE RIGID WORK SURFACES

Dissipative rigid work surfaces have the high abrasion resistance of a laminate, yet they are easy to install. Non-glare surfaces resist staining, scorching, and common solvents. Come with 2 factory-installed female snap fasteners and 1 grounding system.



3M

Mfg. Part No.	Size	Color	Stock No.	Price Each
8344	24 x 36"	Gray	94F7902	253.70
8353	24 x 48"	Beige	94F8843	288.31
8354	24 x 48"	Gray	66F6107	288.31

(12427)

TEST KIT FOR STATIC CONTROL SURFACES

Test kit mfg. part no. **701** is for testing the effectiveness of static control working surfaces. Megohmmeter has separate scales and settings for measuring surface-to-ground and surface-to-surface resistance at 10V and 100V, plus system continuity, and open circuit tests. Compatible with EOS/ESD standard S4.1-1990 and MIL-W-87893A, NIST certified and traceable. Kit also includes two 10' test leads, two 5-lbs. test weights, bulldog clip, alligator clip, continuity test plate, 22.5V battery, 1.5V battery, instructions, and foam-lined carrying case.



3M

Mfg. Part No.	Description	Stock No.	Price Each
701	Test kit	98F6963	1102.28

(4500)

LEAD-FREE RUBBER MATS

SPC TECHNOLOGY



ESD Table Mat



ESD Rubber Roll

Lead free ESD rubber table mats and rubber rolls with two layer static dissipative. ESD table mats come with 10 foot common point grounding hardware. Thickness: 0.06 inches.

All parts have a Green color except 05M3674 has a Blue color and 05M3675 has a Gray color

ESD TABLE MATS

Mfg. Part No.	Width (ft)	Length (ft)	Stock No.	Price Each
SPC20889	2	4	05M3674	48.23
SPC20890	2	4	05M3675	48.23

ESD RUBBER ROLLS

Mfg. Part No.	Width (ft)	Length (ft)	Stock No.	Price Each
SPC20165	2	50	83K9065	514.60
SPC20166	3	50	83K9066	771.90
SPC20167	4	50	83K9067	1029.20

(88550)

ESD Floor Mat

Just Added

SPC TECHNOLOGY



SPC20891



SPC20892

Diamond Plate Anti-Fatigue. 3' x 5', 3/16" Thick, with Ground Cord, Black.

Mfg. Part No.	External Width	Length	Body Material	Stock No.	Price Each
SPC20891	3	5	Conductive Vinyl	05M3676	233.24

Smooth Top Anti-Fatigue. 3' x 5', 1/2" Thick, with Ground Cord, Black Vinyl.

Mfg. Part No.	External Width	Length	Body Material	Stock No.	Price Each
SPC20892	3	5	Conductive Vinyl	05M3677	216.57

2 Layer Rubber; 4' x 6', 3/32" Thick, with Ground Cord, Blue.

Mfg. Part No.	External Width	Length	Body Material	Stock No.	Price Each
SPC20893	4	6	2 Layers Rubber	05M3678	129.59

(89637)

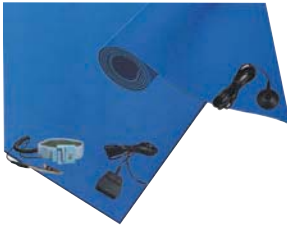
Find application notes—fast.

Visit our information-rich portal designed for engineers & techs at www.newark.com/edworld

(94645)

STATIC CONTROL MATS • STATIC CONTROL PRODUCTS

WORKSTATION GROUNDING KITS



SPC20887



SPC20888

Kit Includes:

- 2' x 4' Mattop
- 15' Ground Cord
- 4' x 6' Floor Mat
- Common Point Ground

Static control workstation grounding kits include everything needed to install an ESD-safe work area, protecting ESD-sensitive components. Durable top layer makes it ideally suited for use as an ESD-protective bench or floor mat. Highly conductive middle layer provides a superior discharge path to ground. A cushioned dissipative bottom layer provides excellent protection against physical damage. RTT: 4.0×10^7 ohms per EOS/ESD-S4.1; RTG: 2.3×10^7 ohms per EOS/ESD-S4.1. Grounding components and a premium wrist strap with 6' coil cord are included. Floor mat is also available in conductive polyethylene for durability in high-traffic areas. Hard surface is ideal for heavy carts and chairs, and it resists acids and alkali solutions. Thickness: For 3-Layer 0.060" and For 2-Layer 0.080"

Mfg. Part No.	Mat Color	Description	Stock No.	Price Each
				1-9
SPC20887	Blue	Kit with 2-Layer Rubber Material Mattop and Blue Conductive Polyethylene Floor Mat	05M3672	285.72
SPC20888	Gray	Kit with 2-Layer Rubber Material Mattop and Black Conductive Polyethylene Floor Mat	05M3673	285.72

(12949)

BENCHTOP AND OVERHEAD AIR IONIZERS



Mini Air Ionizer



Benchtop Air Ionizer



Overhead Air Ionizer

Versatile, mini-size air ionizer 960 is ideal for small, confined spaces. Generates a well-balanced flow of ionized air particles, which neutralizes any stray electrostatic buildup. Perfect inside OEM equipment, on ESD workstations, and in or around electronic equipment. Input power: 24VAC, 5.5W supplied by wall transformer 960X/980X power supply; *ordered separately below*. Mfg. part no. 960 ionizer includes mounting bracket and a 3' modular telephone plug cable assembly to connect the ionizer to the wall transformer power supply. Size: 4.5H x 3.3W x 2.0"D (including bracket). UL listed, CE compliant. Mfg. part no. 960X/980X wall transformer will supply power for up to 4 mini air ionizers; *order separately below*. Mfg. part no. 963 ionizer blankets the benchtop with ionized air to help prevent static from damaging sensitive electronics. Equipped with a two-speed fan (200rpm and 370rpm) and features fast neutralization of static charges on nonconductive objects. Input power: 120VAC, 20W. Benchtop air ionizer 963 includes 6' cord with IEC 320 and NEMA 5-15 plugs. Overhead air ionizer 991 includes four eyebolts and 1 1/8 in. S-hooks; three air filters; one 8.2 ft. power cord and instruction manual. Dimensions: 44L x 6W x 4"H.

Mfg. Part No.	Description	Stock No.	Price Each
960	Mini Air Ionizer	95B9131	580.94
960X/980X	Wall Transformer Power Supply	95B3900	63.37
963	Benchtop Air Ionizer	96B0921	438.69
991	Overhead Air Ionizer	31M1519	1351.50
991-F*	Replacement Filters, Pkg. of 3	31M1520	7.65

* Sold per pkg. of 3
(49175)

IONIZED AIR GUN



Ionized air gun 980 lightweight, ergonomically designed air gun is an excellent tool for blowing particulate contamination off any surface. Releases a constantly balanced stream of compressed ionized air or gas that neutralizes static charges that attract particulates to a surface. Its unique ionization system is completely self-balancing; it maintains balance to within $\pm 30V$ of 0V at a distance of 6". Maintenance-free gun uses safe, efficient, low-voltage power allowing for the use of much lighter wiring. Includes a transformer that converts line power from a standard 120V outlet to 24V. *Order accessories separately below*. UL listed, CSA certified, CE compliant.

➤ CONTINUED ➤

IONIZED AIR GUN (CONT.)

Mfg. Part No.	Description	Stock No.	Price Each
980	Ionized Air Gun	91F2938	1264.95
980-F	Air Filter (Package of 3)	91F2935	139.42
980-T	Emitter Points (1 Pair)	91F2936	146.87
960X/980X	Wall Transformer Power Supply	95B3900	63.37

(10944)

STATIC SENSOR AND AIR IONIZER TESTER



Static sensor is an easy-to-use, hand-held instrument designed to measure static voltages on objects and surfaces arising from electrostatic buildups, and can help identify ESD trouble spots. Small size, lightweight, conductive plastic housing. Membrane switches for Power, Range/Zero, and Hold functions. Digital, LCD display updates quickly. Measurements are accurate to 5%. Meets military specification MIL-STD-45662. UL listed, CE compliant. Air ionizer test kit 718, when used in conjunction with mfg. part no. 718 static sensor can be used for periodic verification of air ionizer performance. Mfg. part no. 718A includes a charge plate and charger.



Mfg. Part No.	Description	Stock No.	Price Each
718	Static Sensor, Certified	18C0431	849.62
718A	Air Ionizer Test Kit	18C0444	331.96

(65673)

ELECTRONICS VACUUM



Powerful 3M™ electronics vacuum cleaner developed for high-efficiency cleanup of most business equipment. Features high-quality filtration system, portability, quick setup, and efficient and safe operation. Plastic accessories have a resistivity low enough to dissipate electrostatic buildup, yet high enough to limit current to safe levels at 220V or less. Replaceable, 1HP motor is continuous-duty rated with one sealed ball bearing and one sleeve bearing lubricated for life. Comes complete with a type 2 toner/dust filter, stretch hose, wand crevice tool and brush, needle nose nozzle, and dusting brush.

Mfg. Part No.	Description	Stock No.	Price Each
SV-MODEL-497AJM	Vacuum	18M9349	205.00
SV-SPF1	Type 1 Fine Particle Filter	50F948	25.99
SV-MPF2	Type 2 Medium Particle Filter	50F949	14.99

(4540)

STATIC AWARENESS LABELS



ATTENTION Static-Sensitive Devices Label



ATTENTION Contents Static-Sensitive Label



Designed to alert personnel handling bags, boxes or other carriers that the contents are static-sensitive. Help prevent improper handling of static-sensitive components. Available in single-use (destructible) or reusable forms using the accepted industry static symbols: JEDEC-14 (Joint Electronic Device Engineering Council) and MIL-STD-129M. **Sold in roll quantities listed in table below.**

➤ CONTINUED ➤

Talk to our team of engineers.

Chat live online with our expert technical team or connect to them by phone. Go online or call us today.

(94668)

STATIC CONTROL PRODUCTS

STATIC AWARENESS LABELS (CONT.)

Mfg. Part No.	Description	Legend	Color	Roll Quantity	Price per Roll	
					Stock No.	1-9
7101	Reusable, 2.5" H x 1.875"W	ATTENTION Static-Sensitive Devices Handle Only at Static-Safe Work Stations Reusable Do Not Destroy	Black on Orange	500	46F7439	36.15
7102	Single-Use (Destructible), 2.5" H x 1.875"W	ATTENTION Contents Static-Sensitive Handling Precautions Required Contents	Black on Yellow	500	46F7440	40.17
7201	Reusable, 2" H x 2"W	ATTENTION OBSERVE PRECAUTIONS FOR HANDLING ELECTROSTATIC SENSITIVE DEVICES	Black on Yellow	500	46F7441	47.42
7202	Single-Use (Destructible), 2" H x 2"W	ATTENTION OBSERVE PRECAUTIONS FOR HANDLING ELECTROSTATIC SENSITIVE DEVICES	Black on Yellow	500	46F7442	45.71

(4609)

SCC LABELS

Just Added

3M

- 3" core
- 56# gloss, coated face paper
- 30 lb./in. tensile strength
- 40# white kraft liner
- Service temperature -4 to +176°F
- Min. labeling temperature +14°F

Static warning label "Lead Free" identifies lead free products, or designates equipment and materials that are used for lead free production. "Caution" label displays warning message and 'arrows' symbol. "Attention" label is JEDEC/EIA compliant displaying the reaching hand symbol and provides writing space. "For use with dry packaging applications" label displays the warning symbol and message in strict accordance with IPC/JE. Use labels on bags, boxes, and totes to ensure proper ESD warning.



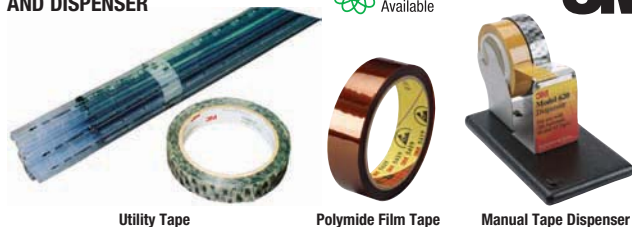
Mfg. Part No.	Description	Label Size (in.)	Labels Per Roll	Stock No.	Price per Roll
ALABEL	Label-ESD Attention	1 7/8 x 2 1/2	500	39M5898	12.65
ALABEL5/8X2	Label-ESD Attention	5/8 x 2	1000	39M5899	7.92
CLABEL2X2	Label-ESD Caution	2 x 2	500	39M5900	12.65
CLABEL4X4	Label-ESD Caution	4 x 4	100	39M5901	6.49
DRILABEL	Label Contents are Moisture Sensitive	4 x 4	100	39M5902	7.15
ROHSLABEL	Label-Contents are RoHS Lead Free	1 7/5 x 1 7/5	500	39M5903	13.86
113LABEL	Label-ESD Jedec113	4 x 4	100	39M5904	7.04
129LABEL	Label-ESD Mil-Std129	2 x 2	100	39M5905	9.24

(91137)

ANTISTATIC TAPES AND DISPENSER

RoHS Compliant Available

3M



Utility Tape

Polyimide Film Tape

Manual Tape Dispenser

Antistatic utility tape 40 is a transparent polyester film tape with acrylic adhesive. Made with a proprietary technology, the tape generates extremely low levels of triboelectric charge when it is unwound from the roll and also when removed from most surfaces on which it is placed. This makes the tape an excellent choice for use near electronic components and assemblies. The tape is supplied on 36 yard and 72 yard rolls on 1" and 3" cores. Low static polyimide film tape 5419 is a translucent, polyimide film-backed silicone adhesive tape with unique and extremely low electrostatic discharge properties. Used to mask printed circuit boards during the wave solder or solder dip process. *Designation marks printed.

Mfg. Part No.	Roll Size		Stock No.	Price per Roll
	Width (in.)	Length (ft.)		
40-1/2"X36YD	0.5	108	83K9439	9.08
5419-1"X36YD	1.	108	83K9444	95.32

➔ CONTINUED ➔

ANTISTATIC TAPES AND DISPENSER (CONT.)

Mfg. Part No.	Roll Size		Stock No.	Price per Roll
	Width (in.)	Length (ft.)		
5419-1/2"X36YD	0.5	108	83K9443	50.03
5419-3/4"X36YD	0.75	108	83K9445	71.48

MANUAL DISPENSER FOR ANTISTATIC TAPES 620, WITH BASE

Tape dispenser 620 is designed for use in ESD protected areas and is suited for use in clean room areas. It is made of conductive and static dissipative materials that will minimize or eliminate problems associated with conventional dispensers. Tape dispenser 620 is made for use with antistatic tapes 40 and 42.

Mfg. Part No.	Description	Stock No.	Price Each
620-DISPENSER	Manual Dispenser for Antistatic Tapes, with base	83K9446	159.15

(88088)

ESD TAPES

Just Added

SPC TECHNOLOGY



SPC20927

SPC20930

SPC13226

Clear Antistatic

Mfg. Part No.	Roll Size		Stock No.	Price per Roll
	Width (in.)	Length (ft.)		
SPC20927	0.75	108	05M3712	3.99
SPC20928	0.75	216	05M3713	6.47
SPC12085	1	216	06H0258	7.08

Clear Antistatic With ESD Symbol Printed.

Mfg. Part No.	Roll Size		Stock No.	Price per Roll
	Width (in.)	Length (ft.)		
SPC20929	0.5	216	05M3714	7.84
SPC14058	0.75	216	41J2872	9.22

Hi-Temp Masking, Anti-static and Non-staining. Designed for Wave Solder Applications

Mfg. Part No.	Roll Size		Stock No.	Price per Roll
	Width (in.)	Length (ft.)		
SPC20930	0.5	180	05M3715	5.37
SPC13485	0.75	180	07J1471	7.29

Kapton Tape Hi-Temp Antistatic Polyimide. Optimal Performance in Electrical and Thermal Insulation.

Mfg. Part No.	Roll Size		Stock No.	Price per Roll
	Width (in.)	Length (ft.)		
SPC12645	0.5	108	69H6544	28.88
SPC20931	0.75	108	05M3716	44.00
SPC20932	1	108	05M3717	60.50

Aisle Marking. Yellow Back Ground With Black Marking.

Mfg. Part No.	Roll Size		Stock No.	Price per Roll
	Width (in.)	Length (ft.)		
SPC13226	3	108	96H9866	52.25

Aisle Marking with Lead Free Warning. White Back Ground With Green and Black Marking.

Mfg. Part No.	Roll Size		Stock No.	Price per Roll
	Width (in.)	Length (ft.)		
SPC20933	3	54	05M3718	44.00

(89683)

SCC INSTRUMENTATION

3M

- Compatible with standard single wire wrist straps
- Easy to use
- Audible and visual alarm



Just Added

Use SCC testers and monitors to confirm your compliance to ESD standards. Combination wrist strap and footwear tester allows associates to test their own wrist straps, heel grounders or shoes. Mfg. part no. COMBOTESTER includes control unit, stand pole, base, power adapter, battery, hardware, ground wire, instructions, and certificate. AC or battery powered with multiple connections for wrist straps. Wrist strap monitors measures the resistance of the wrist strap and person to ensure the proper operation of the wrist strap and connection of the grounding product to a person. Mfg. part no. WSMONITOR1 monitors one wrist strap/person. Mfg. part no. WSMONITOR2 monitors one wrist strap/person and the mat. Impedance single wire monitor type. Solid-state, surface mount circuitry. Also, includes 120VAC adapter. ESD S20.20 ESD Control Program compliant.

Mfg. Part No.	Description	Stock No.	Price 1-4
COMBOTESTER	Heelgrounder/Wriststrap Tester w/ Stand	39M5836	490.25
WSMONITOR1	Wrist Strap Monitor, 1 Wrist Strap	39M5837	74.37
WSMONITOR2	Wrist Strap Monitor, 1 Wrist Strap and Bench Mat	39M5838	125.80

(91143)

STATIC CONTROL PRODUCTS

WS AWARE®/ GROUND MASTER®
CONTINUOUS WORKSTATION MONITORS

Just Added



WS Aware® Dual Workstation Monitor



Ground Master® Ground Monitor

WS Aware® Continuous Dual Workstation
Monitor Features:

- True dual continuous workstation monitor for critical environments
- Wrist strap monitor for two operators — resistance and body voltage
- Two metal grounds monitoring
- Compliant with ANSI 6.1 and ANSI/ESDA S20.20
- Monitoring of noise (EMI) on ground
- Two dissipative grounds monitoring
- Adjustable alarm thresholds
- Ground enable/disable
- Small, space saving design
- Sound and visual alarms
- Replaceable board with jacks
- Output to facility monitoring system

WS Aware® workstation monitor uses the latest advances in digital signal processing to create an ESD-safe environment for your critical applications. Helps to assure that operators are properly grounded, and continuously monitors electromagnetic interference (EMI) on metal grounds, either on a workbench or in a tool. To provide additional assurance of operator's grounding, the optional Big Brother® terminal for the WS Aware® detects the operator's presence within arm's reach from the workstation. Includes one WS Aware® CTC061, two remote terminals, two 10' cables, grounding hardware, universal power adapter and a user's guide. Capable of monitoring up to 8 individual ground points, Ground Master® RT shows the status of each ground: a Pass, Fail, Pass + EMI and not monitored. Ground Master® comes with four spare fuses, grounding hardware, universal power adapter and a user's guide. Note: monitors may require a plug adapter.

Mfg. Part No.	Description	Stock No.	Price 1-9
CTC061-3-WW	WS Aware Dual Workstation Monitor	42M0725	524.40
CTC061-3-BB-WW	WS Aware Dual Workstation Monitor w/ Big Brother Terminals	42M0724	588.00
CTA245	Replacement Board with Jacks for WS Aware Wriststrap Monitor	42M0722	11.10
CTC065-RT	Ground Master Multipoint Ground Monitor	42M0726	644.40

(91232)

SURFACE RESISTANCE METER



ACL Staticide®



ACL 390 Surface Resistance Meter

- Durable, lightweight and portable
- Measures resistance-to-ground (RTG)
- Measures resistance point-to-point (RTT)
- Test range of 10^3 — 10^{12} ohms

Mfg. part no. ACL 390 hand-held surface resistance meter is safe and easy to use. Measures conductive, dissipative and insulative. Used with built-in (fixed) parallel stainless-steel electrodes and peripheral jacks. Meter comes complete with 9V battery (installed), grounding cord with alligator clip, calibration certificate and carrying pouch. Testing RTT and volume resistance with mfg. part no. ACL 391 weight kit allows compliance to industry standards. Mfg. part no. ACL 391 weight kit includes carrying case with foam lining, two 5-lb. 2.5" RTT/RTG disk probes and two accordion banana cords. Probes are powder-coated black and have an attached handle with a durable, conductive rubber base.

Mfg. Part No.	Mfg. Part No.	Stock No.	Price Each
● ACL 390	Surface Resistance Meter	83K9284	399.60
● ACL 391	5-lb. Weight Kit	83K9285	248.20

(88105)

FIXED GAS DETECTION
PRODUCTS

- Wide range of products available
- Flexibility of use in their fixed gas detection
- Ability to detect numerous gases
- Ease of use, reduces maintenance cost and downtime

Fixed gas detectors offer practical solutions to the problem of testing a single site for multiple gases. Single or multi-point fixed systems are available. Mfg. part no. DVP-120 controller in conjunction with carbon monoxide, nitrogen dioxide and/or combustible gas detectors, provide a safe environment in parking facilities and other commercial buildings. Residential products conform to standards set by Underwriters Laboratories (UL). Commercial products conform to standards set by OSHA and the Uniform Building Code.

➤ CONTINUED ➤

FIXED GAS DETECTION PRODUCTS (CONT.)

Mfg. Part No.	Description	Stock No.	Price Each
CM-S1	Carbon Monoxide, CO Detector, Flush Mount, 85 db buzzer	45M7566	63.82
CM-15	Carbon Monoxide, CO Detector, Flush or Surface Mount	45M7567	92.50
CM-15A	Carbon Monoxide, CO Detector, 85 db Buzzer	45M7568	101.75
CM-2B	Carbon Monoxide, Analog CO Detector	45M7569	356.10
CM-21A	Carbon Monoxide, Detector and Controller	45M7570	271.93
CM-3	Carbon Monoxide, Analog CO Transducer and Meter	45M7571	450.44
CM2B-FCK	CM-2B Field Calibration Kit	45M7572	219.21
CM3-FCK	CM-3 Field Calibration Kit	45M7573	306.15
DVP-120	12 Sensor Control Panel, (CM-2B, CM-3, GT-11A, ND-2)	45M7574	809.31
GD-2A	Combustible Gas Detector	45M7576	89.72
GT-11A	Combustible Gas Detector, Transducer	45M7577	332.98
ND-2	Nitrogen Dioxide Detector and Transducer	45M7578	699.25
ND-FCK	Field Calibration Kit for Nitrogen Dioxide Units	45M7579	1220.91

(94374)

PORTABLE GAS DETECTION PRODUCTS

- Rugged, compact size, easy to carry on pocket, belt or hard hat
- Simple one button operation
- Functional self-test to ensure unit integrity
- High contrast, easy-to-read LCD
- Audible, vibratory and visual alarms
- Instantaneous and peak readings
- End-of-life and error indicators
- CSA approved
- 2 year maintenance-free protection



Portable gas detection series of products are designed for ease-of-use, maximum durability, and convenience. Available in single-gas and multi-gas models, these detectors give you the information you need to help keep your team safe.

Mfg. Part No.	Description	Stock No.	Price Each
FF131-2IR	Portable Gas Detection, Hand-Held Fire Flir w/Info. Therm and Radiometry Option	45M7575	9921.07
110-495-101-XL	Portable Gas Detection, 110XL Carbon Monoxide-CO	45M7580	212.32
585-790-041	Calibration Gas, 4-Gas Mixture (Methane) Replacement Gas	45M7581	206.01
740-100-400	Portable Gas Detection, 740 4-Gas Monitor w/ H2S, OX, CO, EX (Calibrated to Methane)	45M7583	587.75
931-100-400	Portable Gas Detection, 740 4-Gas Sensor Pack Replacement w/ H2S, OX, CO, EX (Calibrated to Methane)	45M7584	302.71
933-000-023	Calibration Gas, 4-Gas Mixture (Methane), Regulator and Case	45M7585	374.18
950-R101-MABCO	Portable Gas Detection, 950 R101 w/NIMH Battery, Pump and EX/OX/CO/HS Sensors (Calibrated to Methane)	45M7586	1875.08
950-R111-MABCO	Portable Gas Detection, 950 R111 w/NIMH Battery, Pump, Data Logging and EX/OX/CO/HS/PID 10.6 eV sensors (EX Calibrated to Methane and PID to Isobutylene)	45M7587	3362.52
950-R111-MABCO	Portable Gas Detection, 950 R111 w/NIMH Battery, Pump, Data Logging and EX/OX/CO/HS Sensors (Calibrated to Methane)	45M7588	1950.75

(94375)

AEROSTAT® XC™ EXTENDED
COVERAGE IONIZING AIR BLOWERSIMCO
An Illinois Tool Works Company

- Inherently Balanced to $\pm 5V$
- Patented Built-in Emitter Point Cleaner
- 3-Speed Fan and Integrated Heater
- UL Listed

The Aerostat® XC™ extended coverage ionizing air blower provides excellent coverage, stability of balance and rapid static charge decay times. The XC™ neutralizes static across an entire 3' x 6' benchtop area and has an integrated heater for operator comfort. 3-speed fan delivers a controlled air volume of 70, 90 or 120 CFM. Weighs 17.5 lbs. Dimensions: 15½" W x 4-1/2" H x 8½" D.

Mfg. Part No.	Description	Stock No.	Price Each
4002612	XC™ 120V, 60Hz	08H0343	595.00
5050281	Air Filter Kit	08H0354	57.00
T496X156K035AS	Replacement Air Filter	08H0352	16.00

(74175)



WARNING & SAFETY

● Indicates RoHS Compliant

STATIC CONTROL PRODUCTS • LOCKOUT/TAGOUT PRODUCTS

AEROSTAT® GUARDIAN™ OVERHEAD IONIZING AIR BLOWER



SIMCO
An Illinois Tool Works Company

- Inherently Balanced to ±5V
- Patented Built-in Emitter Point Cleaner
- Integrated Heater and Task Lights
- UL Listed



The Guardian™ provides fast static charge decay over an entire work surface area, produces an air volume of 150 to 300 CFM. Equipped with task lighting, an ionization indicator light and an integrated heater, it offers user-friendly operation while effectively protecting even the most sensitive components from ESD damage. The Guardian™ covers a 2½' x 5' area, weighs 16 lbs. Dimensions: 42-3/4" x 4" H x 6¾" D.

Mfg. Part No.	Description	Stock No.	Price Each
4004063	Guardian 120V, 60Hz	08H0345	915.00
4710017	Air Filter Retainer (3 Required)	08H0353	10.00

(74176)

AEROSTAT® PC™ PERSONAL COVERAGE IONIZING AIR BLOWER



SIMCO
An Illinois Tool Works Company

- Inherently Balanced to ±5V
- Patented Built-in Emitter Point Cleaner
- Variable Speed Fan and Integrated Heater
- UL Listed

Small, quiet and lightweight yet uncompromising in performance, SIMCO's Aerostat® PC™ provides superior static charge decay over a targeted work surface area. Provides optimum protection from the destructive effects of ESD and features an integrated heater for operator comfort. Variable speed fan produces an air volume of 35 to 70 CFM. The PC™ covers a 1' by 5' area, weighs 5.3 lbs. Dimensions: 5.5W x 8.625H x 3.25"D.

Mfg. Part No.	Description	Stock No.	Price Each
4003367	PC™ 120V, 60Hz	08H0344	495.00
4710017	Air Filter Retainer	08H0353	10.00

(74177)

TOP GUN™ IONIZING AIR GUN



SIMCO
An Illinois Tool Works Company

- Electronically Balanced to ±15V
- Operates on Compressed Air or Nitrogen
- Adjustable Airflow Control (5 to 100psi)
- 0.01 Micron Filter at Gun Exit Provides Clean Air
- UL Listed



SIMCO's Top Gun™ is a high-performance ionizing air gun for electronics manufacturing and clean room applications. Balanced to ±15V, the Top Gun™ features high blow-off force of up to 100psi to provide efficient cleaning and rapid static charge decay. The gun body is static dissipative, lightweight (less than 7 oz.) but durable, and features a light-touch trigger. All control functions are built into the gun for easy operator use: airflow control, ion balance adjustment, and a 2-level LED to indicate both power and ionization. The Top Gun™ operates on 120VAC.

Mfg. Part No.	Description	Stock No.	Price Each
4005105	Top Gun™, 7' Cable, 120V, 50/60Hz	08H0346	775.00
5050696	Replacement Air Filters (Package of 2)	08H0355	62.00

(74178)

MINION™2 IONIZING AIR BLOWER

SIMCO
An Illinois Tool Works Company

- Compact design — perfect for benchtop
- Covers 1' x 4' area
- Self-Balancing to ±10V
- Auto-adjust DOCC™ technology delivers consistent performance
- Power and fault indicators
- 24VDC input
- Modular wiring system allows for "daisy chaining" up to 3 units via RJ-11



Just Added

MinION™2 ionizing air blower is designed to control electrostatic charges in sensitive electronics assembly and automated tool applications requiring stable operation with fast discharge time performance. Incorporates Simco's steady-state DC corona ion technology with patented radial ion emitter design for enhanced performance. Unique geometry and airflow control (21 to 42 CFM) meets the demands of electronics and critical assembly applications. Hardwiring of power can be accommodated by use of a terminal block located on back of blower. The terminal block also features a relay contact output of the fault signal to enable remote monitoring. Discharge time 1000V - 100V less than 2 seconds. Two-position ON-OFF switch. Recessed potentiometer controls fan speed. Weight: 1.1 lbs. Size: 3¾" W x 5¾" H x 2¾" D. **Mfg. part no. 5051441** clamp-on, articulated spring-arm stand is available for applications requiring an elevated position or to save work surface space; *order separately below.*

➔ CONTINUED ➔

MINION™2 IONIZING AIR BLOWER (CONT.)

Mfg. Part No.	Description	Stock No.	Price Each
4011425	MinION™2 Ionizer with 100/120VAC to 24VDC Power Supply	45M7492	449.00
4011424	MinION™2 Ionizer (Only)	45M7491	395.00
5051441	Articulated Spring-Arm Stand	45M7493	145.72

(74180)

FMX-003 HAND-HELD ELECTROSTATIC FIELDMETER



SIMCO
An Illinois Tool Works Company

- Graphic display of charge
- Self-storing plate for ionizer measurement
- Auto-ranging digital display
- HOLD function

Mfg. part no. FMX-003 electrostatic fieldmeter is a compact, portable instrument for measuring electrostatic charge. The FMX-003 measures positive and negative polarity electrostatic charges to 20 kV (20,000 V) at a distance of one inch. Two LED guide ring lights on the measuring side of the unit converge at the proper distance from a charged test object. The conductive case and ground lead facilitate reference grounding for accurate measurement. The FMX-003 measures 120 mm (4.8"L) x 75mm (2.8"W) x 25 mm (1" D).

Mfg. Part No.	Description	Stock No.	Price Each
4010723	Compact Hand-held Fieldmeter with Charge Plate	69K6574	550.00

(74181)

PRINZING BALL VALVE LOCKOUT DEVICE



BRADY

Made from ultra-tuff polypropylene. **Mfg. part no. BS07A** can also be used to lock valves OPEN on pipes from 1/2" to 1-1/4" in diameter. Color: red. Also available in blue, green and yellow; go online or call.

Mfg. Part No.	Description	Pipe Diameter Range (in.)	Stock No.	Price Each
BS07A	Small Prinzing Ball Valve Lockout Device	½ x 2½	18K8954	19.69
BS08A	Large Prinzing Ball Valve Lockout Device	2 to 8	18K8958	39.40

(87874)

PNEUMATIC VALVE LOCKOUT DEVICE



PANDUIT

Pneumatic energy devices can be locked out quickly and easily without costly tool modifications or inconvenient in-line valves. When installed on the male pneumatic fitting, prevents the ability to engage into the female fitting. Universal compact design makes the pneumatic lockout device easy to transport and install on almost any fitting, even in tight spaces. Rugged stainless steel construction offers superior strength, durability, added security and corrosion resistance.

Mfg. Part No.	Description	Stock No.	Price Each
PSL-PEL	Pneumatic Energy Lockout, 3.50" Diameter x .10" Thick (88.90mm x 25.40mm)	95H1806	37.07

(84401)

DOUBLE-SIDED, LABELED LOCKOUT HASPS

BRADY



Front

Reverse-Side Legend #1

➔ CONTINUED ➔

LOCKOUT/TAGOUT PRODUCTS

DOUBLE-SIDED, LABELED LOCKOUT HASPS (CONT.)

Hasp is a combination of lockout tags and safety lockout

- Front-side legend reads: **DANGER DO NOT OPERATE**
- Choice of two reverse-side legends
- Tamperproof locking tabs
- Up to six employees can affix their locks to assist at servicing operations
- Write-on label surface accepts pencil, pen, or marker

- Constructed from tough 5052 anodized aluminum alloy
- Lock hole dia.: $\frac{3}{16}$ "
- Overall size: $7\frac{1}{4}$ "H x 3"W x $\frac{3}{16}$ "D
- Sold in packages of 5

REVERSE-SIDE LEGEND #1

Reverse-side legend #1 reads: DANGER This energy source has been LOCKED OUT. Only the individual who signed the reverse side may remove this lock/tag. Remarks (space provided for written comments).

Mfg. Part No.	Color	Stock No.	Price per Pkg.	
			Each	
65960	Red	86H6301	11.48	
65961	Silver	86H6302	11.48	
65962	Blue	86H6303	11.48	
65963	Green	86H6304	11.48	
65964	Gold	86H6305	11.48	
65967	Combination	86H6307	57.40	

REVERSE-SIDE LEGEND #2

Reverse-side legend #2 reads: DANGER Only the individual(s) who have signed below may remove this lock/tag. Name/Dept. (space is provided for six people to sign).

65970	Red	11K6627	57.40
-------	-----	---------	-------

(77674)

MULTIPLE LOCKOUT DEVICE



Electrical disconnects, gate valves or cumbersome devices can be locked out with this device. Compact and easy to install. Device can be used alone as a lockout hasp or with provided cable to lockout electrical disconnects, gate valves or large cumbersome devices. Rugged materials and design provide strength, durability, and added security.

Mfg. Part No.	Description	Stock No.	Price Each	
			1-4	
PSL-MLD	Multiple Lockout Device; Includes Lockout Hasp and 6.0' (1.8M) Vinyl Coated Galvanized Steel Cable with Loophole	91F7287	50.42	

(12732)

NO TOOL CIRCUIT BREAKER LOCKOUT DEVICE



Individual circuit breakers to be locked in off position quickly and easily without any tools. Compact, universal design fits a wide range of single, double and triple handle circuit breakers. Accommodates breaker handle sizes ranging from .30"-.60" (7.62 mm x 15.24 mm) tall and .16"-.35" (4.06 mm x 8.89 mm) thick. Easily attach with no modifications to panel or circuit breaker and does not require hole in circuit breaker handle. Constructed of rugged nylon and stainless steel providing strength, durability, added security and corrosion resistance.



Mfg. Part No.	Description	Stock No.	Price Each	
			1-4	
PSL-CBNT	No Tool Universal Circuit Breaker Lockout	66H3310	32.86	
PSL-CBINT	No Tool Circuit Breaker Lockout for Use with Square D I-LINE/Federal Pacific (FPE) Circuit Breakers	66H3308	34.50	

(6634)

LARGE CIRCUIT BREAKER LOCKOUT



Individual circuit breakers can be locked out in the off position quickly and easily without any tools. Compact universal design fits a wide range of large handle circuit breakers. Accommodates breaker handle dimensions up to .80" thick x 3.00" wide (20.32 mm X 76.20 mm). Easily attached with no modifications to panel or circuit breaker. Constructed of rugged nylon and stainless steel providing strength, durability, added security and corrosion resistance.

Mfg. Part No.	Description	Stock No.	Price Each	
			1-4	5-9
PSL-CBL	Large Handle Circuit Breaker Lockout	91F7289	34.15	32.82

(12636)

RED LOCKOUT HASPS



- Allows up to six workers to lock out a single energy source
- Constructed of vinyl-coated high tensile steel
- Plated to resist rust
- Lock holes: $\frac{3}{8}$ " diameter
- Available in two jaw sizes

Sold in packages of 12 hasps.

Mfg. Part No.	Description	Stock No.	Price per Pkg.	
			1-4	
65375	1" Red Lockout Hasps	11K6480	70.79	
65376	1.5" Red Lockout Hasps	80K6518	84.46	

(87870)

LOCKOUT HASP AND PADLOCK



With **lockout hasp**, more than one worker can lock out the same energy source for added safety. Two styles available. Solid-steel construction. Heavy-duty hasps have tamperproof design. 6 padlocks per hasp maximum. **Sold in packages of 12.** High security **padlock** with color coded body are made of anodized aluminum with hardened steel shackles and cover plates. Locks have special shaped pins to counter picking and have a 0.25" diameter shackle. **Sold in packages of 6.**

Mfg. Part No.	Description	Stock No.	Price per Pkg.	
			1-4	5-9
PSL-1	1" Diameter Jaw, Overlapping Tabs	34H3112	8.55	7.99
PSL-11RED	Red Lock, 1" Shackle	01C6651	126.84	118.51

(6636)

GATE VALVE LOCKOUTS



- Designed to accept all locks with up to $\frac{3}{8}$ " shackle diameter and greater than $\frac{3}{4}$ " vertical shackle clearance
- Made of durable, polypropylene to resist impacts and chemicals
- Stainless steel hinge design for added strength and security
- Color: red

64057 Adjustable

These extremely rugged gate valve lockouts feature a unique knockout center that can be removed by hand to accommodate OS&Y or "rising stem" gate valves. Danger labels in English, Spanish and French are included. **Mfg. part no. 64057** adjustable gate valve lockout adjusts to fit 1" to 6 $\frac{1}{2}$ " diameter valve handles, replacing 3 conventional gate valve lockouts. Select from a wide assortment of personal valve and electrical lockout kits; *ordered separately on page 1856.*

Mfg. Part No.	Size	Valve Handle Dia. (in.)	Stock No.	Price Each	
				1-4	
64057	Adjustable	1 to 6 $\frac{1}{2}$	11K6110	26.78	
65560	Mini	1 to 2 $\frac{1}{2}$	03H3594	13.18	
65561	Small	2 $\frac{1}{2}$ to 5	03H3595	22.09	
65562	Medium	5 to 6 $\frac{1}{2}$	73C3011	26.44	
65563	Large	6 $\frac{1}{2}$ to 10	86H6296	33.11	
65564	Extra Large	10 to 13	86H6297	64.22	

(77694)

WARNING & SAFETY

● Indicates RoHS Compliant

LOCKOUT/TAGOUT PRODUCTS

GATE VALVE LOCKOUT DEVICE



Gate valves regulating hydraulic, pneumatic and chemical energy can be locked out quickly and easily. Accommodates valve handles ranging from 1.00" (25.40 mm) to 13.00" (330.20 mm) in diameter. Constructed of rugged polypropylene providing strength, durability and added security.

Mfg. Part No.	Description	Stock No.	Price Each
PSL-V2A	Gate Valve Lockout, Accommodates 1.00-3.00" Diameter Handle	95H1807	30.49
PSL-V6A	Gate Valve Lockout, Accommodates 3.00-6.50" Diameter Handle	95H1808	56.51
PSL-V9	Gate Valve Lockout, Accommodates 6.50-10.00" Diameter Handle	94C4212	74.30
PSL-V13	Gate Valve Lockout, Accommodates 10.00-13.00" Diameter Handle	66H3328	143.87

(84239)

PERSONAL VALVE AND ELECTRICAL LOCKOUT KITS

Just Added



105955

These personal valve and electrical lockout kits provide all the basics for breaker and valve security. Order additional gate valve lockouts separately on page 1855.

PERSONAL ELECTRICAL LOCKOUT KITS

Personal electrical lockout kits provide lockouts for use on most circuit breakers, electrical plugs and disconnect switches. Both kits contain one mini cable lockout, one 3-in-1 plug lockout, two 120/277V clamp-on breaker lockouts with cleats, one 480/600V clamp-on breaker lockout with cleat, two universal multipole breaker lockouts, one oversized breaker lockout, three 1" group lockout hasps, three heavy-duty lockout tags with nylon cable ties and one medium lockout toolbox. Mfg. part no. 105961 kit also includes three keyed-alike safety padlocks.

Mfg. Part No.	Description	Stock No.	Price Each
105960	Personal Electrical Lockout Kit	10M4098	134.06
105961	Personal Electrical Lockout Kit with Three Keyed-Alike Safety Padlocks	10M4099	170.71

PERSONAL VALVE LOCKOUT KITS

Personal valve lockout kits contain devices for locking out a wide range of gate and ball valves. Both kits contain one all-purpose cable lockout, one 1"-6-1/2" adjustable gate valve lockout, one 1"-2-1/2" gate valve lockout, one 1/2"-2-1/2" small ball valve lockout, three 1" group lockout hasps, three heavy-duty lockout tags with nylon cable ties and one medium lockout toolbox. Mfg. part no. 105958 kit also includes three keyed-alike safety padlocks.

Mfg. Part No.	Description	Stock No.	Price Each
105957	Personal Valve Lockout Kit	10M4095	151.94
105958	Personal Valve Lockout Kit with Three Keyed-Alike Safety Padlocks	10M4096	185.91

PERSONAL VALVE AND ELECTRICAL LOCKOUT KITS

Personal valve and electrical lockout kits provide everything you need to lockout breakers, plugs and valves of various types and sizes. Both kits contain one all-purpose cable lockout, one 1"-6-1/2" adjustable gate valve lockout, one 1/2"-2-1/2" small ball valve lockout, one 3-in-1 plug lockout, two 120/277V clamp-on breaker lockouts with cleats, one 480/600V clamp-on breaker lockout with cleat, two universal multipole breaker lockouts, three 1" group lockout hasps, three heavy-duty lockout tags with nylon cable ties and one medium lockout toolbox. Mfg. part no. 105955 kit also includes three keyed-alike safety padlocks.

Mfg. Part No.	Description	Stock No.	Price Each
105954	Personal Valve and Electrical Kit	10M4092	169.82
105955	Personal Valve and Electrical Kit with Three Keyed-Alike Safety Padlocks	10M4093	207.37

(87871)

Best products, great value.

NO MINIMUM ORDER FEES
We offer the broadest in-stock selection. Visit us online or call us today.

(94650)

PERSONAL LOCKOUT KITS

Just Added



105969

105966

Mfg. part no. 105969 personal padlock kit contains two 1" group lockout hasps, two heavy-duty lockout tags with nylon cable ties, two keyed-alike safety padlocks and one lockout belt pouch. Mfg. part no. 105966 personal breaker lockout kit contains two clamp-on breaker lockouts with cleats (120/277V and 480/600V), one universal multipole breaker lockout, two 1" group lockout hasps, two heavy-duty lockout tags with nylon cable ties and one lockout belt pouch. Mfg. part no. 105967 personal breaker lockout kit includes everything in mfg. part no. 105966 kit plus two keyed-alike safety padlocks.

Mfg. Part No.	Description	Stock No.	Price Each
105969	Personal Padlock Kit with Two Keyed-Alike Safety Padlocks	10M4107	79.14
105966	Personal Breaker Lockout Kit	10M4104	71.94
105967	Personal Breaker Lockout Kit with Two Keyed-Alike Safety Padlocks	10M4105	104.70

(77695)

GROUP LOCK BOXES

Just Added



65699 and 51171

105717 and 105716



50937

50938

Lock boxes are perfect for group lockout situations involving a large number of workers and equipment. Offers a number of security advantages over using hasps. NOTE: padlocks, hasps and keys shown are not included.

PORTABLE METAL LOCK BOXES

Portable metal lock boxes are constructed of heavy-duty steel with extra rust-resistance powder-coating. Features a carrying handle, 13 lock holes on lid, plus lockable clasp on front. When used for storage, mfg. part no. 65699 standard lock box holds up to 40 padlocks and mfg. part no. 51171 extra-large lock box holds up to 75 padlocks. Color: red.

Mfg. Part No.	Description	Size H x W x D (in.)	Stock No.	Price Each
65699	Standard Portable Metal Lock Box	6 x 9 x 3 1/2	72C8165	86.88
51171	Extra-Large Portable Metal Lock Box	6 x 9 1/2 x 7 3/4	19K0051	99.30

COMBINED LOCK STORAGE/GROUP LOCK BOXES

Combination boxes feature a lockable storage compartment and a group lockout compartment. Constructed of heavy-duty steel with extra rust-resistance powder-coating. Group lockout compartment has clear Lexan window with keyhole slot. Storage compartment lid has carrying handle. Mfg. part no. 105716 standard combo box holds approximately 50 padlocks in its storage compartment (6"H x 6"W x 8.5"D) and has 17 padlock holes in the group lock box lid. Mfg. part no. 105717 large combo box holds approximately 125 padlocks in its storage compartment (9"H x 9"W x 10.5"D) and has 34 padlock holes in the group lock box lid.

Mfg. Part No.	Description	Size H x W x D (in.)	Stock No.	Price Each
105716	Standard Combined Lock Storage/Group Lock Box	6 x 7 1/2 x 12 1/2	46M2136	167.94
105717	Large Combined Lock Storage/Group Lock Box	9 x 10 1/2 x 15	46M2137	243.54

PLASTIC LOCK BOXES

These plastic lock boxes are injection-molded using Isoplast polymers for rugged durability, corrosion-, chemical- and heat-resistance. Transparent polycarbonate window allows for viewing contents from outside. Slot in front allows key to be inserted when locked. Pre-drilled holes in back for wall mounting. Mfg. part no. 50937 portable lock box features a carrying handle, patented lock rails that hold up to 16 padlocks and 12 hooks for hanging keys and locks inside. Mfg. part no. 50938 mini wall lock box features patented lock rails that hold up to eight padlocks and six hooks for hanging keys and locks inside.

Mfg. Part No.	Description	Size H x W x D (in.)	Stock No.	Price Each
50937	Portable Plastic Lock Box	7.5 x 8 1/2 x 4 1/4	19K0021	69.50
50938	Mini Plastic Wall Lock Box	6 1/2 x 4 x 5 1/2	19K0022	49.62

(94473)

LOCKOUT/TAGOUT PRODUCTS

LOCKOUT KITS



Contractor's Kit



MRO Kit

Separate MRO, contractor and electrician's kits are available. Provide fundamental lockout/tagout products, conveniently stored in a sturdy plastic box or pouch for easy access. All kits include various quantities of the following: **mfg. part no. PSL-MLD** multiple lockout device, **mfg. part no. PSL-WS** wall switch lockout, **mfg. part no. PSL-CB** circuit breaker lockout, **mfg. part no. PSL-P** plug lockout, **mfg. part no. PSL-SRED-LS** long shackle padlocks; safety tags, screwdriver, and carrying case or pouch. MRO kit also includes: 5 and 2 1/2" gate valve lockouts, 3" ball valve lockout, and 110V-cord lockout. Contractor kit also includes: **mfg. part no. PSL-1A** lockout hasp and **mfg. part no. PSL-SRED** standard shackle padlocks.



Electrician's Kit

Mfg. Part No.	Description	Stock No.	Price Each	
			1-4	5-9
PSL-KT-CONA	Contractor Lockout Kit	16F6319	313.88	298.50
PSL-KT-MROA	MRO Lockout Kit	66F3601	369.16	351.07
PSL-PK-EA	Electrician Lockout Kit	66F3602	113.63	108.06

(6638)

ELECTRICAL AND AIR LINE LOCKOUTS



65674



PL023



65696



65645, 64221

SMALL 110V ELECTRICAL PLUG LOCKOUT

Mfg. part no. 65674 small electrical plug lockout prevents plug from being inserted into a wall outlet avoiding electrical accidents. Use when plug will not remain under the exclusive control of the person performing service or maintenance. Device is made of rugged polypropylene and is for use with 110V electrical plugs. Danger message printed on device to alert workers of lockout in progress. Size: 2"H x 2"D x 3 1/2" W with 1/2" diameter hole for cable. **NOTE:** Lock not included.

Mfg. Part No.	Description	Stock No.	Price Each
65674	Small 110V Electrical Plug Lockout	86H6298	11.58

PRINZING 3-IN-1 ELECTRICAL PLUG LOCKOUT

Mfg. part no. PL023 prinzing 3-in-1 electrical plug lockout accommodates high- and low-voltage plugs up to 3" in diameter and 5 1/2" in length. Two sliding top lids can be used individually or together to accommodate small-, medium-, and large-diameter cords up to 1 1/4". Constructed of bright yellow thermoplastic. Easy-to-follow English instruction label. Also available with English/Spanish instruction label; go online or call.

Mfg. Part No.	Description	Stock No.	Price Each
PL023	Prinzing 3-in-1 Electrical Plug Lockout	18K9295	12.07

WALL SWITCH LOCKOUT

Mfg. part no. 65696 wall switch lockout can be used with most wall-mounted switches. Easy-to-install using existing screws. Locks switch in "On" or "Off" position. High-visibility red. **NOTE:** Lock not included.

Mfg. Part No.	Description	Pkg. of	Stock No.	Price per Pkg.
				Each
65696	Wall Switch Lockout	6	86H6432	7.44

➤ CONTINUED ➤

ELECTRICAL AND AIR LINE LOCKOUTS (CONT.)

Mfg. Part No.	Description	Stock No.	Price Each
Mfg. part nos. 64221 and 65645	pneumatic air quick-disconnect lockouts isolate pneumatic energy without install in-line lockout valves. Applied to 1/4", 3/8" or 1/2" male fittings, isolating equipment from all compressed air sources. Hol in center of device allows for permanent storage on air hose and a loop on side can be used to hang. Lockout using padlock (not included) with 1/4" or 3/8" shackle.		
64221	Pneumatic Air Quick-Disconnect Lockout	1	11K6146 16.71
65645	Pneumatic Air Quick-Disconnect Lockout	6	11K6571 86.14

(77696)

TOGGLE SWITCH LOCKOUT



Toggle switches controlling electrical supply can be locked out. Compact secure design fits most toggle switches and some small circuit breakers. Accommodates switches .45" - .78" (11.43 mm - 19.81 mm) tall x .25" - .38" (6.35 mm - 9.65 mm) wide x .25" - .40" (6.35 mm - 10.16 mm) thick. Easily attached without removal of faceplate or screws. Constructed of rugged nylon and stainless steel providing strength, durability, added security and corrosion resistance.



Mfg. Part No.	Description	Stock No.	Price Each	
			1-4	5-9
PSL-WS	Toggle Switch Lockout	97F8843	22.52	21.51

(6635)

CABLE LOCKOUT DEVICE



Provides an easy and efficient method to lockout large gate valve or disconnect several various energy distribution center.

- Ideal for security
- Lighter than chains
- Easy to carry and use
- Comes with 1/8" diameter, 6' galvanized steel cable

Mfg. Part No.	Color	Stock No.	Price Each
65318	Red	54H3712	32.92

(77695)

ALL-PURPOSE CABLE LOCKOUTS



- Compact, lightweight body made of rugged impact modified glass-filled nylon
 - Superior chemical-, corrosion- and temperature-resistance properties
 - Ergonomic design makes it a "cinch" to tighten cable
 - Built-in cable loop keeps cable neatly coiled when stored
 - Four lock-holes in handle accommodate most lock shackles and hasps
- Mfg. part no. 50941** cable lockout includes 8' 1/8" dia. nonconductive nylon cable. Maximum service temperature: 40° to 200°F. **Mfg. part no. 59943** cable lockout includes 8' 3/8" dia. vinyl-coated, sheathed metal cable. Maximum service temperature: 30° to 180°F. Both types of interchangeable cable are available separately in 8', 12', 16', 20' lengths; go online or call.

Mfg. Part No.	Description	Stock No.	Price Each
50941	Cable Lockout with 8' Nonconductive Nylon Cable	19K0025	35.12
50943	Cable Lockout with 8' Vinyl-Coated Sheathed Metal Cable	19K0026	33.28

(87872)

LOCKOUT/TAGOUT PRODUCTS

CIRCUIT BREAKER LOCKOUTS

Just Added



90891 Breaker Block Kit



66320 Universal Lockout



65688 Snap-On Lockout



65396, 65397 Clamp-On Lockout



65396, 65397 Clamp-On Lockout Installed



65406 Cleat



65406 Cleat Installed



65329, 65321 Oversized Lockout

BREAKER BLOCKER KIT

480/600V Breaker Blocker Kit is perfect for locking out oversized and irregularly shaped switches. Self-adhesive backed mounting rails are permanently installed into an electrical panel — no drilling required. Kit includes two yellow mounting rails, one red blocking bar (for indicating locked "Off"), one green blocking bar (for indicating locked "On") and three alcohol wipes. Blocking bars are 7½" long. **NOTE:** Lock and tag not included.

Mfg. Part No.	Description	Stock No.	Price Each
90891	480/600V Breaker Block Kit	11J0926	18.47

UNIVERSAL MULTI-POLE BREAKER LOCKOUT

This universal multi-pole breaker lockout works with most major-manufacturer's multi-pole breakers that employ a tie-bar. Constructed of durable impact-modified nylon. Easy-to-install using patented thumbscrew design. **NOTE:** Lock not included.

Mfg. Part No.	Description	Pkg. of	Stock No.	Price per Pkg.
				Each
66320	Universal Multi-Pole Breaker Lockout	6	26H0109	6.91

120V SNAP-ON BREAKER LOCKOUT

Designed for 120V breakers that have holes in the switch tongue. Easy-to-use — just snap in place and apply lock (not included). Dual cavities accommodate different size switch tongues. Accepts lock shackles up to ½" in diameter. Size: 0.83"H x 0.35"W x 2.15"L.

65688	Snap-On 120V Breaker Lockout	6	94C3967	25.36
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CLAMP-ON BREAKER LOCKOUTS

Clamp-on breaker lockouts work on a wide range of single-pole and internal-trip multi-pole breakers. Made of rugged polypropylene and impact-modified nylon. Easy-to-install using patented thumbscrew design. Accepts lock shackles up to ½" in diameter. Includes detachable cleats to provide positive restraint for breakers with long, sliding switch throws. Order additional cleats separately below. **NOTE:** Lock not included.

65396	120/277V Clamp-On Breaker Lockout	1	11K6490	7.54
65965	120/277V Clamp-On Breaker Lockout	6	30C4272	6.92
65397	480/600V Clamp-On Breaker Lockout	1	11K6491	8.48
65966	480/600V Clamp-On Breaker Lockout	6	86H6306	45.79
65406	Replacement Cleats for 480/600V Clamp-On Breaker Lockouts (Above)	6	67C1548	6.14

OVERSIZED BREAKER LOCKOUTS

Oversized 480/600V frame lockouts fit breaker switches up to 2¼" wide and ⅞" thick. Constructed of durable polypropylene and glass-filled impact-modified nylon. Updated design gets better grip and works on move breaker models. **NOTE:** lock and tag not included.

65329	Oversized 480/600V Circuit Breaker Lockout	1	11K6456	12.27
65321	Oversized 480/600V Circuit Breaker Lockout	6	86H6165	54.70

(94466)

LABELS IN DISPENSER



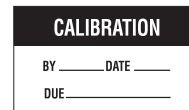
PLD-43



PLD-56



PLD-57
EIA



PLD-3



PLD-4

Sold in packages of 200 except mfg. part no. PLD-57 sold in packages of 300.

ELECTRICAL LABELS—DURABLE LAMINATED POLYESTER

Mfg. Part No.	L x H	Stock No.	Price per Pkg.	
			1-4	5-9
● PLD-43	1.5 x 1"	22C5275	28.33	27.59
● PLD-56	1.5 x 1"	22C5283	28.33	27.59
● PLD-57	0.75" Circle	22C5284	28.33	27.59

QUALITY CONTROL LABELS—DURABLE LAMINATED POLYESTER

● PLD-3	1.5 x 1"	22C5270	28.33	27.59
● PLD-4	1.5 x 1"	22C5274	28.33	27.59

* "CAUTION" signs with 120V, 240V, 440V, 460V, 208V, 230V, 277V, 277/480V, and 380V are also available; go online or call. (6639)

WARNING AND CAUTION LABELS



Meet OSHA 1910.145. Mfg. part no. PSSB-13 vinyl film safety sign in 10-page books, 3 signs per page. Sold in books of 30.

Mfg. Part No.	Legend	Size (in.)	Color*	Stock No.	Price Each	
					1-4	5-9
● PSSB-13	"Danger High Voltage"	1.5 x 3.25	R,B on W	94F3134	35.79	34.16

* R = Red, B = black, W = white. (6468)

BRADYGLO™ HIGH PERFORMANCE "GLOW-IN-THE DARK" PHOTOLUMINESCENT EXIT SIGNS



- Maintenance free, low cost and saves energy
- Non-radioactive, non-electric, requires no wiring or batteries
- Made with anodized .035 steel and non-toxic plastic
- 8" x 15" signs in wall mount, single- and double-sided
- "Pop-out" chevron arrows for easy direction selection
- Compliant to Life Safety Code 101, OSHA 1910

Mfg. Part No.	Description	Color	Stock No.	Price Each
37851	Single-face wall mount	Black	86H6229	137.57
38097	Single-sided with bracket	Black	86H6230	171.82
38098	Double-sided with bracket	Black	86H6231	261.33
38099	Bracket for exit sign	Black	86H6232	41.26
80753	Single-face wall mount	White	86H6323	137.57
80754	Single-face with bracket	White	86H6324	165.04
80755	Double-sided with bracket	White	86H6325	261.33
80756	Bracket for exit sign		86H6326	41.26
90839	Single-sided with bracket	Red	86H6395	165.04
90840	Double-side with bracket	Red	86H6396	261.33
90841	Single-sided with bracket	Green	86H6397	165.04
90842	Double-sided with bracket	Green	86H6398	261.33
90885	Single-face wall mount	Red	86H6399	137.57
90886	Bracket for exit sign	Red	86H6400	41.26
90887	Single-face wall mount	Green	86H6401	124.76
90888	Bracket for exit sign	Green	86H6402	41.26

(77670)

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(94656)

LOCKOUT/TAGOUT PRODUCTS

BILINGUAL SAFETY SIGNS





One comprehensive sign communicates to both Spanish and English speaking employees. Available in 14"H x 10"W BradyTuff™ Aluminum, B-555 and 14"H x 10"W, BradyTuff™ Plastic, B-401. Other sizes and colors available; go online or call.

Mfg. Part No.	Material	Stock No.
38104	Aluminum	10K7451
38604	Plastic	10K7533

➤ CONTINUED ➤

BILINGUAL SAFETY SIGNS (CONT.)

Hazardous Materials (cont.)			
38478	Aluminum	10K7516	15.57
38990	Plastic	10K7599	10.96
			
Mfg. Part No.	Material	Stock No.	Price Each
38175	Aluminum	10K7467	15.57
38679	Plastic	10K7547	10.96
			
Mfg. Part No.	Material	Stock No.	Price Each
38309	Aluminum	10K7486	15.57
38799	Plastic	10K7565	10.96

(87958)

SAFETY SIGNS

Safety signs are available in 7 x 10" self sticking polyester (SS), 10 x 14" Aluminum (AL) and 10 x 14 Plastic (PL), unless otherwise noted.



ELECTRICAL HAZARD

	<div><div>DANGER</div><div>HIGH VOLTAGE KEEP OUT</div></div>				<div><div>NO EXIT</div></div>				<div><div>DANGER</div><div>ELECTRICAL HAZARD AUTHORIZED PERSONNEL ONLY</div></div>			
Mfg. Part No.	Material	Stock No.	Price Each	Mfg. Part No.	Material	Stock No.	Price Each	Mfg. Part No.	Material	Mfg. Part No.	Price Each	
84083	Polyester	86H6330	6.60	84876	Polyester	86H6363	6.60	84066	Polyester	86H6328	6.60	
40668	Aluminum	86H6236	15.57	43110	Aluminum	86H6281	15.57	40656	Aluminum	86H6234	15.57	
22104	Plastic	86H6170	10.96	25533	Plastic	86H6215	10.96	22092	Plastic	86H6168	10.96	
	<div><div>WARNING</div><div>ELECTRICAL HAZARD KEEP AWAY</div></div>				<div><div>DANGER</div><div>KEEP OUT</div></div>				<div><div>DANGER</div><div>ELECTRICAL HAZARD AUTHORIZED PERSONNEL ONLY</div></div>			
Mfg. Part No.	Material	Stock No.	Price Each	Mfg. Part No.	Material	Stock No.	Price Each	Mfg. Part No.	Material	Mfg. Part No.	Price Each	
84197	Polyester	86H6336	6.60	84095	Polyester	86H6331	6.60	84068	Polyester	86H6329	6.60	
40762	Aluminum	86H6242	15.57	40676	Aluminum	86H6237	15.57	40658	Aluminum	86H6235	15.57	
22198	Plastic	86H6176	10.96	22112	Plastic	86H6171	10.96	22094	Plastic	86H6169	10.96	
	<div><div>WARNING</div><div>HIGH VOLTAGE</div></div>				<div><div>CAUTION</div><div>KEEP ELECTRIC PANEL AREA CLEAR</div></div>				<div><div>WARNING</div><div>HIGH VOLTAGE KEEP AWAY</div></div>			
Mfg. Part No.	Material	Stock No.	Price Each	Mfg. Part No.	Material	Stock No.	Price Each	Mfg. Part No.	Material	Mfg. Part No.	Price Each	
84941	Polyester	86H6364	6.60	84847	Polyester	86H6362	6.60	84943	Polyester	86H6365	6.60	
41127	Aluminum	86H6263	15.57	43090	Aluminum	86H6280	15.57	41129	Aluminum	86H6264	15.57	
22563	Plastic	86H6197	10.96	25513	Plastic	86H6214	10.96	22565	Plastic	86H6198	10.96	

GLOW IN THE DARK

<div>NOT AN EXIT</div>				<div>NO EXIT</div>				<div>DANGER HIGH VOLTAGE</div>			
Mfg. Part No.	Material	Stock No.	Price Each	Mfg. Part No.	Material	Stock No.	Price Each	Mfg. Part No.	Material	Mfg. Part No.	Price Each
73545	Polyester	86H6311	10.76	73542	Polyester	86H6310	10.76	73540	Polyester	86H6309	10.76
85523	Plastic	86H6383	42.59	85481	Plastic	86H6381	42.59	80270	Plastic	86H6317	42.59

FIRE/FLAMMABLE SIGNS




	<div><div>DANGER</div><div>FLAMMABLE MATERIALS</div></div>					<div><div>DANGER</div><div>FLAMMABLE LIQUIDS</div></div>					<div><div>DANGER</div><div>FLAMMABLE MATERIAL NO SMOKING</div></div>			
Mfg. Part No.	Material	Stock No.	Price Each	Mfg. Part No.	Material	Stock No.	Price Each	Mfg. Part No.	Material	Mfg. Part No.	Price Each			
85183	Polyester	86H6372	6.60	85181	Polyester	86H6371	6.60	85185	Polyester	86H6373	6.60			
43244	Aluminum	86H6286	15.57	43242	Aluminum	86H6285	13.44	43246	Aluminum	86H6287	15.57			
25667	Plastic	86H6220	10.96	25665	Plastic	86H6219	9.47	25669	Plastic	86H6221	9.47			
	<div><div>DANGER</div><div>FLAMMABLE KEEP FIRE AWAY</div></div>				<div><div>FIRE HOSE</div></div>				<div><div>NOTICE</div><div>FIRE LANE KEEP CLEAR AT ALL TIMES</div></div>					
Mfg. Part No.	Material	Stock No.	Price Each	Mfg. Part No.	Material	Stock No.	Price Each	Mfg. Part No.	Material	Mfg. Part No.	Price Each			
86033	Polyester	86H6384	6.60	85277	Polyester	86H6379	6.60	85205	Polyester	86H6375	6.60			
41890	Aluminum	86H6268	15.57	98064	Aluminum	86H6417	13.44	43258	Aluminum	86H6289	15.57			
23216	Plastic	86H6202	10.96	98063	Plastic	86H6416	9.47	25681	Plastic	86H6223	10.96			
	<div><div>NOTICE</div><div>KEEP FIRE EXTINGUISHERS FREE OF OBSTRUCTIONS NO FIRE EXTINGUISHERS CAN BE CLOSED</div></div>				<div><div>DANGER</div><div>FLAMMABLE GAS</div></div>				<div><div>DANGER</div><div>EXPLOSIVES</div></div>					
Mfg. Part No.	Material	Stock No.	Price Each	Mfg. Part No.	Material	Stock No.	Price Each	Mfg. Part No.	Material	Mfg. Part No.	Price Each			
85209	Polyester	86H6376	5.71	85175	Polyester	86H6370	6.60	85167	Polyester	86H6369	6.60			
43262	Aluminum	86H6290	15.57	43238	Aluminum	86H6284	15.57	85175	Polyester	86H6370	6.60			

➤ CONTINUED ➤










LOCKOUT/TAGOUT PRODUCTS

SAFETY SIGNS (CONT.)










FIRE/FLAMMABLE SIGNS

25685	Plastic	86H6224	10.96	25661	Plastic	86H6218	10.96	25655	Plastic	86H6217	10.96
											
Mfg. Part No.	Material	Stock No.	Price Each	Mfg. Part No.	Material	Stock No.	Price Each	Mfg. Part No.	Material	Mfg. Part No.	Price Each
85293	Polyester	86H6380	6.60	85219	Polyester	86H6377	5.71	85221	Polyester	86H6378	6.60
41253	Aluminum	86H6267	15.57	43268	Aluminum	86H6291	15.57	43270	Aluminum	86H6292	15.57
22689	Plastic	86H6201	10.96	25691	Plastic	86H6225	10.96	25693	Plastic	86H6226	10.96










NO SMOKING SIGNS

											
Mfg. Part No.	Material	Stock No.	Price Each	Mfg. Part No.	Material	Stock No.	Price Each	Mfg. Part No.	Material	Mfg. Part No.	Price Each
88427	Polyester	86H6389	6.60	88425	Polyester	86H6388	6.60	88451	Polyester	86H6391	6.60
42697	Aluminum	86H6272	15.57	42695	Aluminum	86H6271	15.57	42712	Aluminum	86H6273	15.57
25150	Plastic	86H6207	10.96	25118	Plastic	86H6205	10.96	25135	Plastic	86H6206	10.96
											
Mfg. Part No.	Material	Stock No.	Price Each	Mfg. Part No.	Material	Stock No.	Price Each	Mfg. Part No.	Material	Mfg. Part No.	Price Each
88376	Polyester	86H6385	6.60	88411	Polyester	86H6387	6.60	98069	Polyester	86H6420	5.71
42658	Aluminum	86H6269	15.57	98068	Aluminum	86H6419	13.44	43489	Aluminum	86H6294	15.57
25081	Plastic	86H6203	10.96	98067	Plastic	86H6418	9.47	25912	Plastic	86H6228	10.96
											
Mfg. Part No.	Material	Stock No.	Price Each	Mfg. Part No.	Material	Stock No.	Price Each	Mfg. Part No.	Material	Mfg. Part No.	Price Each
88467	Polyester	86H6392	6.60	88439	Polyester	86H6390	6.60	85189	Polyester	86H6374	6.60
98075	Aluminum	86H6422	13.44	98077	Aluminum	86H6424	13.44	43250	Aluminum	86H6288	15.57
25669	Plastic	86H6221	9.47	98076	Plastic	86H6423	9.47	25673	Plastic	86H6222	10.96

ADMITTANCE SIGNS

											
Mfg. Part No.	Material	Stock No.	Price Each	Mfg. Part No.	Material	Stock No.	Price Each	Mfg. Part No.	Material	Mfg. Part No.	Price Each
84155	Polyester	86H6334	6.60	84129	Polyester	86H6332	6.60	84187	Polyester	86H6335	6.60
40728	Aluminum	86H6240	15.57	40906	Aluminum	10K8360	15.57	40754	Aluminum	86H6241	15.57
22164	Plastic	86H6174	10.96	22142	Plastic	86H6172	10.96	22190	Plastic	86H6175	10.96
											
Mfg. Part No.	Material	Stock No.	Price Each	Mfg. Part No.	Material	Stock No.	Price Each	Mfg. Part No.	Material	Mfg. Part No.	Price Each
84131	Polyester	86H6333	6.60	84212	Polyester	86H6338	6.60	84008	Polyester	86H6327	6.60
40708	Aluminum	86H6239	15.57	40772	Aluminum	86H6244	15.57	40624	Aluminum	86H6233	15.57
22144	Plastic	86H6173	10.96	22208	Plastic	86H6178	10.96	22060	Plastic	86H6167	10.96
											
Mfg. Part No.	Material	Stock No.	Price Each	Mfg. Part No.	Material	Stock No.	Price Each	Mfg. Part No.	Material	Mfg. Part No.	Price Each
84571	Polyester	86H6351	6.60	84252	Polyester	86H6339	6.60	84203	Polyester	86H6337	6.60
40998	Aluminum	86H6255	15.57	40797	Aluminum	86H6245	15.57	40766	Aluminum	86H6243	15.57
22434	Plastic	86H6189	10.96	22233	Plastic	86H6179	10.96	22202	Plastic	86H6177	10.96

CHEMICAL & HAZARDOUS MATERIALS SIGNS











											
Mfg. Part No.	Material	Stock No.	Price Each	Mfg. Part No.	Material	Stock No.	Price Each	Mfg. Part No.	Material	Mfg. Part No.	Price Each
84375	Polyester	86H6346	6.60	85175	Polyester	86H6370	6.60	84357	Polyester	86H6343	6.60
43006	Aluminum	86H6276	15.57	43232	Aluminum	86H6283	15.57	40880	Aluminum	86H6249	15.57
25429	Plastic	86H6210	10.96	25661	Plastic	86H6218	10.96	22316	Plastic	86H6183	10.96
											
Mfg. Part No.	Material	Stock No.	Price Each	Mfg. Part No.	Material	Stock No.	Price Each	Mfg. Part No.	Material	Mfg. Part No.	Price Each
84351	Polyester	86H6341	6.60	84367	Polyester	86H6345	6.60	84355	Polyester	86H6342	6.60
40876	Aluminum	86H6247	15.57	40888	Aluminum	86H6250	15.57	40878	Aluminum	86H6248	15.57
22312	Plastic	86H6181	10.96	22324	Plastic	86H6185	10.96	22314	Plastic	86H6182	10.96
											
Mfg. Part No.	Material	Stock No.	Price Each	Mfg. Part No.	Material	Stock No.	Price Each	Mfg. Part No.	Material	Mfg. Part No.	Price Each
84361	Polyester	86H6344	6.60	84326	Polyester	86H6340	6.60	84397	Polyester	86H6347	6.60
40682	Aluminum	86H6238	15.57	40859	Aluminum	86H6246	15.57	43018	Aluminum	86H6277	15.57
22318	Plastic	86H6184	10.96	22295	Plastic	86H6180	10.96	25441	Plastic	86H6211	10.96

➤ CONTINUED ➤











LOCKOUT/TAGOUT PRODUCTS

SAFETY SIGNS (CONT.)

EXIT SIGNS

											
Mfg. Part No.	Material	Stock No.	Price Each	Mfg. Part No.	Material	Stock No.	Price Each	Mfg. Part No.	Material	Mfg. Part No.	Price Each
84673	Polyester	86H6357	6.60	84617	Polyester	86H6352	6.60
41054	Aluminum	86H6259	15.57	41066	Aluminum	86H6261	15.57	43339	Aluminum	86H6293	15.57
22490	Plastic	86H6193	10.96	22502	Plastic	86H6195	10.96	25762	Plastic	86H6227	10.96
											
Mfg. Part No.	Material	Stock No.	Price Each	Mfg. Part No.	Material	Stock No.	Price Each	Mfg. Part No.	Material	Mfg. Part No.	Price Each
84631	Polyester	86H6354	6.60	84629	Polyester	86H6353	6.60	84671	Polyester	86H6356	6.60
41022	Aluminum	86H6257	15.57	41020	Aluminum	86H6256	15.57	98043	Aluminum	86H6409	13.44
22458	Plastic	86H6191	10.96	22456	Plastic	86H6190	10.96	98042	Plastic	86H6408	9.47
											
Mfg. Part No.	Material	Stock No.	Price Each	Mfg. Part No.	Material	Stock No.	Price Each	Mfg. Part No.	Material	Mfg. Part No.	Price Each
84685	Polyester	86H6358	6.60	98050	Polyester	86H6413	5.71	84699	Polyester	86H6359	6.60
41064	Aluminum	86H6260	15.57	98053	Aluminum	86H6415	13.44	41076	Aluminum	86H6262	15.57
22500	Plastic	86H6194	10.96	98052	Plastic	86H6414	9.47	22484	Plastic	86H6192	10.96
											
Mfg. Part No.	Material	Stock No.	Price Each								
84665	Polyester	86H6355	6.60								
41048	Aluminum	86H6258	15.57								
22484	Plastic	86H6192	10.96								

PERSONAL PROTECTION SIGNS

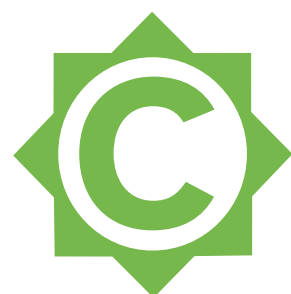
											
Mfg. Part No.	Material	Stock No.	Price Each	Mfg. Part No.	Material	Stock No.	Price Each	Mfg. Part No.	Material	Mfg. Part No.	Price Each
84529	Polyester	86H6348	6.60	84535	Polyester	86H6349	6.60	85035	Polyester	86H6367	6.60
40964	Aluminum	86H6252	15.57	40970	Aluminum	86H6253	15.57	41191	Aluminum	86H6266	15.57
22400	Plastic	86H6186	10.96	22406	Plastic	86H6187	10.96	22627	Plastic	86H6200	10.96
											
Mfg. Part No.	Material	Stock No.	Price Each	Mfg. Part No.	Material	Stock No.	Price Each	Mfg. Part No.	Material	Mfg. Part No.	Price Each
84537	Polyester	86H6350	6.60	84784	Polyester	86H6360	6.60	88551	Polyester	86H6393	6.60
40972	Aluminum	86H6254	15.57	43042	Aluminum	86H6278	15.57	42778	Aluminum	86H6274	15.57
22408	Plastic	86H6188	10.96	25465	Plastic	86H6212	10.96	25201	Plastic	86H6208	10.96
											
Mfg. Part No.	Material	Stock No.	Price Each	Mfg. Part No.	Material	Stock No.	Price Each	Mfg. Part No.	Material	Mfg. Part No.	Price Each
84993	Polyester	86H6366	6.60	84814	Polyester	86H6361	6.60	85055	Polyester	86H6368	6.60
40998	Aluminum	86H6255	15.57	43068	Aluminum	86H6279	15.57	43160	Aluminum	86H6282	15.57
22595	Plastic	86H6199	10.96	25491	Plastic	86H6213	10.96	25583	Plastic	86H6216	10.96
											
Mfg. Part No.	Material	Stock No.	Price Each								
88583	Polyester	86H6394	6.60								
42784	Aluminum	86H6275	15.57								
25207	Plastic	86H6209	10.96								

(78053)

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(94663)



LOCKOUT/TAGOUT PRODUCTS

WRITE-ON SAFETY TAGS



Safety tags are made of rigid vinyl with write-on surface; accepts pen, pencil, or marker pen. Feature a 3/8" dia. brass grommet for greater strength. Can be attached with a lockout device or **mfg. part no. PLT2S** nylon tie (50-lb. loop tensile strength tie for OSHA compliance) supplied with each tag. Size: 3W x 5.75"H. Sold in packages of 5 tags.



PVT-41



PVT-98 (Back)

Mfg. Part No.	Legend (Front Side)	Stock No.	Price Each
● PVT-41	DO NOT OPERATE	92F8195	16.23 15.48
● PVT-98	EQUIPMENT LOCKED OUT BY... (Back Side)	84F1730	16.23 15.47

(6642)

PADLOCKS AND LOCKOUT TAGS



51339



99615



65520



65501 — Front



65501 — Back



10573

Safety and Aluminum Padlocks

- Available keyed-different or in keyed-alike sets
- Lightweight yet rugged
- Corrosion-resistant, chrome-plated six-pin cylinder
- Hardened chrome-plated steel shackle
- 1 1/2" Shackle has 1/4" diameter

Lockout Tags — Legend: DANGER DO NOT OPERATE

- Easy to write on using pencil, pen and marker
- 3/8" diameter metal eyelet resists tearing and accepts most padlock shackles

SAFETY PADLOCKS

Feature one-piece, seamless, nonconductive, fiberglass-reinforced nylon body with ribbed design for easier gripping and handling. OSHA compliant — safer alternative to metal locks. Key won't release until shackle is securely closed. Each safety padlock includes two keys plus "Danger" and "Property Of" labels. Body dimensions: 1-3/4"H x 1-1/2"W x 4/5"D. Color: red. Other colors are available; go online or call.

Mfg. Part No.	Description	Pkg. of	Stock No.	Price per Pkg.
99552	Keyed Safety Padlock	1	19K0691	10.96
51339	Keyed-Different Safety Padlock	6	19K0083	62.54
105886	Keyed-Alike Safety Padlock	3	10M4069	35.72
105890	Keyed-Alike Safety Padlock	6	10M4073	71.43

ALUMINUM PADLOCKS

Features solid aluminum body. Each padlock comes keyed different and includes two keys. Body dimensions: 1-3/5"H x 1-1/2"W x 3/4"D. Color: metallic red. Other vibrant metallic colors and aluminum padlock labels are available; go online or call.

Mfg. Part No.	Description	Pkg. of	Stock No.	Price per Pkg.
99615	Keyed Aluminum Padlock	1	19K0709	12.48
51370	Keyed-Different Aluminum Padlock	6	19K0100	73.34
105902	Keyed-Alike Aluminum Padlock	3	10M4085	41.98
105882	Keyed-Alike Aluminum Padlock	6	10M4065	83.95

LOCKOUT TAGS — LEGEND: DANGER DO NOT OPERATE

Mfg. part no. 65520 heavy-duty polyester lockout tags withstand moisture, grease, chemicals and extreme temperatures. Pen and marker writing can be completely erased using isopropyl alcohol, allowing for repeated use. Holds up to 80 lbs. of pull force, preventing accidental removal. Includes nylon fasteners for easy attachment.

➤ CONTINUED ➤

PADLOCKS AND LOCKOUT TAGS (CONT.)

Mfg. Part No.	Description	H x W (in.)	Pkg. of	Stock No.	Price per Pkg.
65520	Heavy-Duty Polyester Lockout Tags	5.50 x 3	25	92H7043	47.73

Mfg. part no. 65501 self-laminating lockout tags include area for employee photo (on front) providing easier identification and greater security. Front Legend: DANGER DO NOT OPERATE Do not remove this lock. It is here to protect my life. Name/Date. Reverse side of tag has room for remarks and can be personalized by writing on special instructions, hazards or warnings. Back Legend: DANGER DO NOT REMOVE THIS TAG/Remarks. Rigid polyester tag with peel-away laminate cover to protect graphics. Exceeds OSHA 50 lb. pull requirement for tagout devices. Includes OSHA-compliant nylon fasteners for easy attachment.

65501	Self-Laminating Polyester Photo Lockout Tags — Double-Sided	5.75 x 3	10	11K6514	16.84
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Mfg. part no. 105373 two-part perforated heavy-cardstock lockout tags provide enhanced operational control and record-keeping. Stub is removed when tag is attached to a lockout point. Only the person in possession of the stub has the authority to remove the tag. Matching identification numbers are printed on each part. Includes tie strings for easy attachment.

105373	Two-Part Perforated, Heavy-Cardstock Lockout Tags	7.50 x 4	25	46M2135	14.46
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Mfg. part no. 105369 perforated heavy-cardstock lockout tags come with detachable key stub, making it easy to match up tags padlocks with the right key. Matching identification numbers are printed on each part. 1" diameter metal rings provided for attaching stub to key. Includes tie strings for easy attachment.

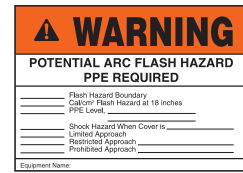
105369	Two-Part Perforated, Heavy-Cardstock Lockout Tags with Detachable Key Stub	5.75 x 3	25	46M2134	23.70
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(87877)

ARC FLASH HAZARD LABELS



PPS



PVS

Panduit® Arc Flash Hazard Labels are designed to comply with Article 110.16 of the 2002 NEC which is intended to reduce the likelihood of serious injury or death due to arcing faults to those who work on or near energized electrical equipment.

Mfg. Part No.	Size (W x H)	Marker/Card	Stock No.	Price Each
● PPS0305W2100	5 x 3.50"	Standard Arc Flash Label	85C1016	3.38
● PVS0305W2101	5 x 3.50"	Defailed Arc Flash Label	85C1017	3.82

(73743)

ARC FLASH LABELS AND TRAINING AIDS



101517, 101519 Labels



101518, 101520 Labels



102308, 101951 Labels



99458 Write-On Label



99457 Label



99456 Label

➤ CONTINUED ➤

LOCKOUT/TAGOUT PRODUCTS • SIGNALING – AUDIBLE

ARC FLASH LABELS AND TRAINING AIDS

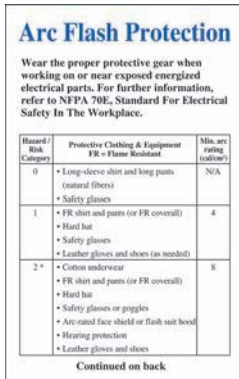
(CONT.)



104571 Poster



99459 Write-On Label



102525 Wallet Card (Front and Back)

Arc Flash Warning and Danger labels, signs and training aids promote awareness of the dangers associated with arc flash accidents.

BASIC ARC FLASH LABELS

Basic labels meet all OSHA, NFPA and NEC labeling requirements. Made of durable polyester with overlaminates to withstand harsh environments. Industrial-grade adhesive backing sticks permanently to a wide variety of surfaces.

Mfg. Part No.	Legend/Description	Height (in.)	Width (in.)	Qty. of	Stock No.	Price per Roll/Pkg. Each
101517	WARNING ARC FLASH & SHOCK HAZARD Appropriate personal protection equipment required	2	4	100/Roll	10M3681	54.17
101519	WARNING ARC FLASH & SHOCK HAZARD Appropriate personal protection equipment required	2	4	10/Pkg.	10M3683	7.84
101518	DANGER ARC FLASH & SHOCK HAZARD Appropriate personal protection equipment required	2	4	100/Roll	10M3682	54.17
101520	DANGER ARC FLASH & SHOCK HAZARD Appropriate personal protection equipment required	2	4	10/Pkg.	10M3684	7.84
102307	WARNING Arc Flash And Shock Hazard Appropriate PPE Required	3.5	5	100/Roll	10M3893	98.51
101950	WARNING Arc Flash And Shock Hazard Appropriate PPE Required	3.5	5	5/Pkg.	10M3685	7.90
102308	DANGER Arc Flash And Shock Hazard Appropriate PPE Required	3.5	5	100/Roll	10M3894	98.51
101951	DANGER Arc Flash And Shock Hazard Appropriate PPE Required	3.5	5	5/Pkg.	10M3686	7.90
99456	Bilingual (English/Spanish) WARNING/ADVERTENCIA Arc Flash Hazard/Riesgo de Arco Eléctrico	3.5	5	5/Pkg.	19K0635	7.90
99457	Bilingual (English/Spanish) DANGER/PELIGRO Arc Flash Hazard/Riesgo de Arco Eléctrico	3.5	5	5/Pkg.	19K0636	7.90

WRITE-ON ARC FLASH LABELS

For more complete accident prevention use write-on labels and fill in the equipment-specific hazard information, such as flash protection boundary, hazard category, and required PPE. Made of vinyl that can be easily written on with a pen or marker. Protective 1.5 mil. clear polyester overlaminates sheets, ordered separately below, help protect handwritten data on labels from chemicals and abrasion. Overlaminates sheets have an acrylic lay-flat liner.

99458	WARNING Arc Flash & Shock Hazard Appropriate PPE Required	5	7	10/Pkg.	19K0637	9.09
99459	DANGER Arc Flash & Shock Hazard Appropriate PPE Required	5	7	10/Pkg.	19K0638	9.09
99272	Protective Overlaminates Sheet	4.50	6.50	1	19K4180	9.85
99276	Protective Overlaminates Sheet	5.50	7.50	1	19K4181	14.22

➤ CONTINUED ➤

ARC FLASH LABELS AND TRAINING AIDS

(CONT.)

Mfg. Part No.	Legend/Description	Height (in.)	Width (in.)	Qty. of	Stock No.	Price per Roll/Pkg. Each
104571	Preventing Arc Flash Injuries Poster	18	24	1	10M3983	18.85
102523	Arc Flash Protection Sign	10	14	1	46M2132	7.11
102524	Arc Flash Protection Labels	3.5	5	5/Pkg.	10M3899	7.59
102525	Arc Flash Protection Wallet Card	2.1	3.4	10/Pkg.	46M2133	14.17
99287	Energized Electrical Work Permit	8.5	11	25/Pkg.	10M5105	15.19

(87878)

AUDIBLE ELECTRONIC SIGNAL ALARMS



MALLORY
Sonalert® Products

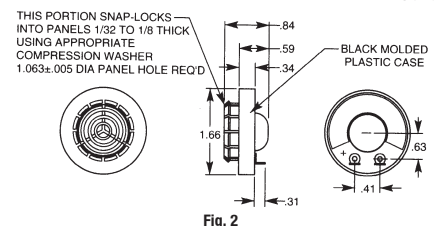


Fig. 2

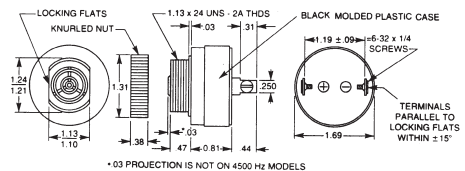


Fig. 3

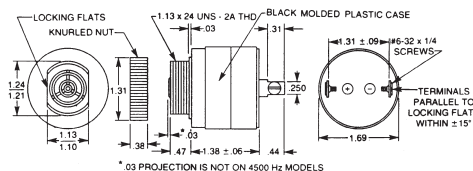


Fig. 4

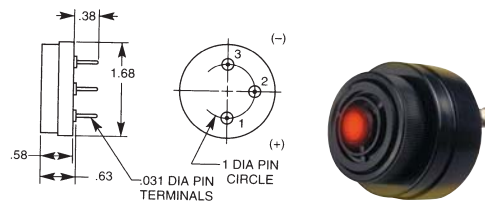


Fig. 5

LSC616N

Signals produce an audible tone when voltage from 1 to 250V is applied (depending on model). A piezoelectric transducer, operating substantially at resonance in a solid-state oscillator, converts electrical power to sound. Can be powered by many electrical sources, ranging from single-cell battery to industrial power lines. Because of low power requirements, they can be turned on or off with a transistor, SCR, or integrated circuit. No mechanical wear. Salt spray resistant. Operating temperature: -30°C to +65°C. Some units sound at voltages lower than minimum specified. Continuous tone. The LSC series combines a flashing LED with continuous audible signal for quick recognition. Frequencies in table below are ±500Hz except SC628NDR ±300Hz.

PANEL MOUNT - CONTINUOUS TONE

Mfg. Part No.	Fig.	Voltage Range	Current (mA)	Freq.	Min. Volume @ 2ft (dB)	Stock No.	Price Each
SC110ER	4	30 - 120VAC/VDC	3 to 14	1900	55 to 65	82K6461	53.61
SC628AER	4	6 - 28VDC	3 to 14	1900	50 to 65	82K6488	51.47
SC628ER	3	6 - 28VDC	3 to 8	1900	55 to 68	82K6507	30.95
SC250F	4	60 - 250VAC/VDC	2 to 6	2900	55 to 65	64F279	49.44
SC628AFR	4	6 - 28VAC/VDC	2 to 6	2900	50 to 65	82K6491	47.26
SC628FR	3	6 - 28VDC	2 to 4	2900	55 to 70	82K6508	27.13
SC105R**	3	1 - 5VDC	3 to 16	2900	60 to 75	82K6454	27.13
SC110DR**	4	30 - 120VAC/VDC	6 to 21	1900	60 to 75	82K6458	56.76
SC250DR**	4	60 - 250VAC/VDC	5 to 16	1900	60 to 72	82K6471	57.24
SC628ADR**	4	6 - 28VAC/VDC	6 to 23	1900	60 to 75	82K6487	51.67

➤ CONTINUED ➤

WARNING & SAFETY

● Indicates RoHS Compliant

SIGNALING – AUDIBLE

AUDIBLE ELECTRONIC SIGNAL ALARMS (CONT.)

Mfg. Part No.	Fig.	Voltage Range	Current (mA)	Freq.	Min. Volume @ 2ft (dB)	Stock No.	Price Each
● SC628DR**	3	6 - 28VDC	6 to 23	1900	60 to 75	82K6505	29.37
● SC648ADR**	4	10 - 48VAC/VDC	4 to 16	1900	60 to 75	82K6521	52.67
● SC648DR**	3	10 - 48VDC	6 to 23	1900	60 to 75	82K6529	31.87
● SC110R**	4	30 - 120VAC/VDC	6 to 21	2900	68 to 80	82K6470	28.70
● SC250R**	4	60 - 250VAC/VDC	5 to 18	2900	68 to 80	82K6477	52.08
● SC628R**	4	6 - 28VDC	6 to 23	2900	68 to 80	82K6519	13.96
● SC628AR**	4	6 - 28VAC/VDC	6 to 23	2900	68 to 80	82K6501	24.45
● SC648R**	3	10 - 48VDC	5 to 22	2900	68 to 80	82K6532	26.63
● SC648AR**	4	10 - 48VAC/VDC	4 to 16	2900	68 to 80	82K6528	47.55
● SC110HR**	4	30 - 120VAC/VDC	6 to 21	4500	68 to 80	82K6463	60.65
● SC628AHR	4	6 - 28VAC/VDC	4 to 16	4500	68 to 80	82K6494	52.08
● SC628HR**	3	6 - 28VDC	6 to 23	4500	68 to 80	82K6511	34.46
● SC648HR	3	10 - 48VDC	4 to 16	4500	68 to 80	82K6530	33.19
● SC628MN	3	6 - 28VDC	4 to 16	2900	80 to 90	89F276	57.59
● SC110NR	4	30 - 120VAC/VDC	6 to 24	2900	80 to 95	82K6468	38.24
● SC307NR**	3	3 - 7VDC	3 to 9	2900	80 to 90	82K6478	35.86
● SC616NR**	3	6 - 16VDC	6 to 22	2900	80 to 95	82K6485	23.86
● SC628NDR**	4	6 - 28VDC	3 to 16	2000	75 to 95	82K6514	38.06
● SC628NR**	3	6 - 28VDC	6 to 23	2900	80 to 90	82K6517	29.68
● SC628ANR**	4	6 - 28VAC/VDC	4 to 30	2900	80 to 95	82K6499	56.80

PC BOARD MOUNT - CONTINUOUS TONE

● SBM2R**	5	1 - 5VDC	3 to 16	2900	55 to 68	82K6448	38.90
● SBM428R**	5	4 - 28VDC	3 to 16	2900	64 to 78	82K6449	39.93

SNAP-IN PANEL MOUNT - CONTINUOUS TONE

● SNP2R	2	1 - 5	3 to 12	2900	55 to 68	82K6533	16.02
● SNP428R**	2	4 - 28	3 to 18	2900	64 to 76	82K6535	17.32

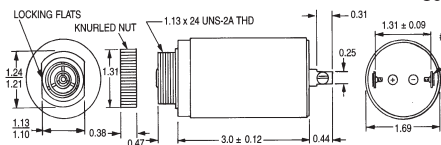
PANEL MOUNT - CONTINUOUS TONE / FLASHING LED

LSC616N	3	6 - 16VDC	40 to 60	2900	80 to 95	98B5334	32.93
LSC628AN	4	6 - 28VAC/VDC	4 to 48	2900	85 to 95	30C8821	99.16
LSC110N	4	30 - 120VAC/VDC	5 to 16	2900	88 to 98	30C8819	102.59
LSC250N	4	60 - 250VAC/VDC	4 to 14	2900	84 to 87	30C8820	102.74

**UL recognized, Guide UCST2, yellow card S1290.
(7255)

MALLORY SONALERT® CROSSWALK AUDIBLE ALARM DEVICES

MALLORY
Sonalert® Products



Mfg. Part No. VSB110-1 features a cuckoo sound for North-South crossings, and repeats approximately every 1.5 seconds. Mfg. Part No. VSB110-2 features a chirp sound for East-West crossings, and repeats approximately every 1 second. Rated voltage: 110/120VAC @ 60Hz. Current: 30mA max. @ 120VAC. Operating and storage temperature: -40°C to 85°C. Black molded plastic case covered with 0.015" thick PVC plastic sleeve.

Mfg. Part No.	Tone	Resonant Freq.	Stock No.	1-4	5-9	10+
VSB110-1	Cuckoo	800/1,200Hz	16F9530	252.45	233.38	210.94
VSB110-2	Chirp	2,000Hz	16F9531	252.45	233.38	210.94

(18827)

Keep up with environmental laws.



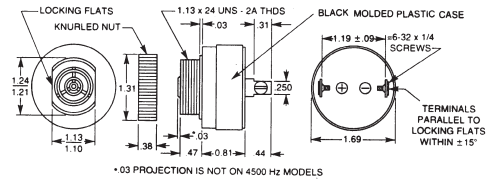
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(94637)

MALLORY INTERMITTENT TONE ELECTRONIC ALARMS

RoHS Compliant Available

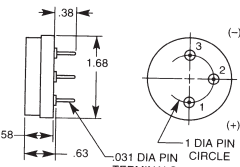
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Sonalert® Products



*.03 PROJECTION IS NOT ON 4500 Hz MODELS

Case Style C

- Case Style D: Same as Case Style C except length of part behind the panel is 1.38"
- Case Style E: Same as Case Style C except length of part behind the panel is 1.94"
- All are panel mount except **SMB616P** and **SBM616PU**, which are PCB mount



Case Style F

FAST PULSE TONE

Mfg. Part No.	Case Style	Voltage Range	Current (mA)	Freq* (Hz)	Min. Volume @ 2 ft. (dB)	Stock No.	Price Each
● SC110EPR	E	30 - 120VAC/VDC	4 to 14	1900	55 to 65	82K6460	68.29
● SC628AEP	E	6 - 28VAC/VDC	4 to 16	1900	50 to 65	64F337	66.92
● SC628DPR**	D	6 - 28VDC	6 to 16	1900	60 to 75	82K6504	50.26
● SC628ADPR	E	6 - 28VAC/VDC	6 to 20	1900	60 to 75	82K6486	68.27
SC648ADP	E	10 - 48VAC/VDC	4 to 20	1900	60 to 75	64F344	67.06
● SC110DPR**	E	30 - 120VAC/VDC	6 to 20	1900	60 to 75	82K6457	75.37
SMB616P	F	6 - 16VDC	3 to 12	2900	68 to 78	42F970	34.99
● SC110PR**	E	30 - 120VAC/VDC	6 to 22	2900	68 to 80	82K6469	37.20
● SC250PR**	E	60 - 250VAC/VDC	4 to 16	2900	68 to 78	82K6476	69.29
● SC628APR**	E	6 - 28VAC/VDC	4 to 16	2900	68 to 80	82K6500	64.47
● SC628PR**	D	6 - 28VAC/VDC	6 to 26	2900	68 to 80	82K6518	43.19
● SC648APR**	E	10 - 48VAC/VDC	6 to 21	2900	68 to 80	82K6527	63.70
● SC110HPR	E	30 - 120VAC/VDC	6 to 20	4500	68 to 80	82K6462	77.23
SC250HP	E	60 - 250VAC/VDC	4 to 16	4500	68 to 80	64F332	72.54
● SC628HPR**	D	6 - 28VDC	4 to 16	4500	68 to 80	82K6510	50.67
● SC110NPR**	D	30 - 120VAC/VDC	8 to 24	2900	80 to 95	82K6467	38.75
● SC616NPR**	C	6 - 16VDC	6 to 22	2900	80 to 95	82K6484	41.25
● SC628ANPR**	D	6 - 28VAC/VDC	4 to 30	2900	80 to 95	82K6498	34.40
SC628NDP**	D	6 - 28VDC	3 to 16	2000	85 to 95	95C0274	43.50

SLOW PULSE TONE

● SC110EJR	E	30 - 120VAC/VDC	4 to 14	1900	55 to 65	82K6459	68.39
● SC628EJR	D	6 - 28VDC	3 to 14	1900	50 to 65	82K6506	50.26
● SC628DJR**	D	6 - 28VDC	3 to 16	1900	60 to 75	82K6503	48.98
SC648ADJ	E	10 - 48VAC/VDC	4 to 20	1900	60 to 75	64F369	67.15
● SC110DJR**	E	30 - 120VAC/VDC	6 to 20	1900	60 to 75	82K6456	75.54
SC616J-1	C-11	6 - 16VDC	2 to 9	2900	68 to 78	88F5866	35.44
● SC648AJR**	E	10 - 48VAC/VDC	6 to 21	2900	68 to 80	82K6523	64.94
● SC110JR**	E	30 - 120VAC/VDC	6 to 22	2900	68 to 80	82K6464	68.42
● SC250JR**	E	60 - 250VAC/VDC	4 to 16	2900	68 to 78	82K6474	69.39
● SC628AJR	E	6 - 28VAC/VDC	4 to 16	2900	68 to 80	82K6495	64.66
● SC628JR**	D	6 - 28VDC	6 to 26	2900	68 to 80	82K6512	43.42
SC110HJ	E	30 - 120VAC/VDC	6 to 20	4500	68 to 80	64F350	75.80
● SC628ANJR**	D	6 - 28VAC/VDC	4 to 30	2900	80 to 95	82K6497	62.91
● SC110NJR**	D	30 - 120VAC/VDC	8 to 24	2900	80 to 95	82K6466	38.75
● SC616NJR**	C	6 - 16VDC	6 to 22	2900	80 to 95	82K6482	43.81

DUAL-MODE OPERATION--CONTINUOUS OR FAST PULSE TONE

SC616PU	C-7	6 - 16VDC	3 to 12	2900	68 to 78	46F1941	44.54
SMB616PU	F	6 - 16VDC	3 to 12	2900	68 to 78	42F972	36.30
SC616NPU	D-1	6 - 16VDC	6 to 26	2900	80 to 90	46F1939	67.90

SHORT PULSE TONE

● SC110KR**	E	30 - 120VAC/VDC	6 to 22	2900	68 to 80	82K6465	72.48
SC628K	D	6 - 28VDC	6 to 23	2900	68 to 80	64F298	44.97

FAST WARBLE TONE

SC628W†	D-1	6 - 28VDC	4 to 20	2900	68 to 80	64F319	48.20
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SLOW WARBLE TONE

SC628JW	D-1	6 - 28VDC	4 to 20	2900	68 to 80	64F374	46.87
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CHIME TONE

● SC616CPR**	D	6 - 16VDC	6 to 23	2900	68 to 78	82K6481	49.22
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CHIRP TONE

SC110Q**	C	30 - 120VAC	6 to 22	2900	68 to 80	81F454	35.70
SC616Q	C-1	6 - 16VDC	3 to 12	2900	68 to 78	81F455	33.60

*@ ±500Hz ** UL Recognized
(7256)

SIGNALING – AUDIBLE

AUDIBLE ELECTRONIC ALARMS

New- Mallory Sonalert Solutions Series

- RoHS Compliant
- Flame Retardant UL94V0 Case
- Built in Socket Ready for Optional Pluggable Screw Terminal Block
- Extra Loud Sound Levels Available



Solutions Series



Mfg. Part No. ACC02



Just Added

PANEL MOUNT- CONTINUOUS TONE

Mfg. Part No.	Loud-ness	Voltage Range	Voltage Type	Max Operating Current (mA)	Freq. \pm 500Hz	Typ. Sound Level Output @ 2ft (dB)	Stock No.	Price Each
● SCE028MD3CTB	Medium	16-28	DC Only	20	2900	75 to 85	89K2243	33.33
● SCE028MA3CTB	Medium	16-28	AC or DC	20	2900	75 to 85	89K2242	58.09
● SCE048MA3CTB	Medium	28-48	AC or DC	20	2900	75 to 85	89K2244	58.47
● SCE120MA3CTB	Medium	48-120	AC or DC	20	2900	75 to 85	89K2245	68.59
● SCE028LD3CTB	Loud	16-28	DC Only	20	2900	85 to 95	89K2241	36.49
● SCE028LA3CTB	Loud	16-28	AC or DC	20	2900	85 to 95	89K2240	74.16
● SCE016XD3CTB	Extra-Loud	6-16	DC Only	20	2900	95 to 105	89K2239	42.03

ACCESSORY

Mfg. Part No.	Description	Wire Sizes Accepted by Plug	Stock No.	Price Each
● ACC02	Right Angle Screw Terminal Block Plug	12-26 AWG	89K2229	2.92

(89410)

ADAPTABEL® VIBRATING BELLS



Easy installation wire attach to base, bell plugs into adaptaplate. Universal adaptable mounting plate mounts directly on surface or fits any single-gang opening or any 3/4", 3/8" or 4" octagon box or any plaster cover with mounting holes on 2 3/4" centers. 6" bells also mount on 4" square box. 120VAC units are PLC compatible with off-state current less than 25mA. Available in 4", 6", 10" gong size AC, 4", 6", 8" and 10" gong size DC. Easy installation wires attach to base, bell plugs into adapt plate. Dustproof, shockproof, and corrosion resistant. UL listed, CSA certified.



Series 340

Mfg. Part No.	Volts	Bell Dia.	Amps	dB @10 ft.	Stock No.	Price Each	
						Each	2-5
340-4N5	120V AC	4"	0.062	88	92F6374	95.73	90.03
340-4G5	24V AC	4"	0.31	88	92F6375	99.02	93.13
340-6N5	120V AC	6"	0.07	92	92F6376	114.19	107.40
340-6G5	24VAC	6"	0.35	92	92F6377	136.48	128.04
435-4G1	24VDC	4"	0.062	88	41B8486	81.57	76.64
435-4J1	32VDC	4"	0.047	90	41B8487	89.08	83.70
435-6G1	24VDC	6"	0.062	92	41B8491	97.63	91.73
435-10E1	12VDC	10"	0.125	94	41B8480	114.73	107.80

(2789)

ADAPTAHORN® VIBRATING HORNS



Series B70P & 874



Series 876 & 877

- Adjustable Output: 78 to 103dB
- Durable Die Cast Housing
- DC versions in 6, 12, 24, 32, 125, 250VDC
- AC versions in 12, 24, 120, 240VAC

Horns provide a low current, high decibel audio signal. Durable die-cast housing for heavy-duty use. All units are PLC compatible and have adjustable output from 78 to 103dB. Face dimensions are approximately 5" x 5". Series 870 semi-flush, panel-mounting installation on 4" square box, weatherproof when installed with supplied gasket. Series 874 grille type, adaptable for mounting on signal gang, 3/4, 3/2 or 4" octagon or square box. Series 876 weatherproof grille type comes completely assembled in die-cast. Mounts on conduit flat surface. Top hole drilled and tapped for 3/4" 14NPT.

Mfg. Part No.	Volts	Amps	VA	Stock No.	Price Each	
					1-4	5-9
870P-N5	120VAC	0.13	15	92F6384	74.89	70.84
870P-G5	24VAC	0.63	15	92F6385	74.89	70.84
874-N5	120VAC	0.13	15	92F6380	79.26	74.97
874-G5	24VAC	0.63	15	92F6381	79.26	74.97
874-R5	240VAC	0.06	15	92F6382	81.35	76.95
876-G5	24VAC	0.63	15.1	41B9059	126.78	119.93
876-N5	120VAC	0.13	15.6	92F6383	106.53	100.77
876-R5	240VAC	0.07	16.8	41B9060	146.60	138.67

➤ CONTINUED ➤

ADAPTAHORN® VIBRATING HORNS (CONT.)

Mfg. Part No.	Volts	Amps	VA	Stock No.	Price Each	
					1-4	5-9
871P-G1	24VDC	0.16	3.8	41B9030	113.96	107.80
871P-J1	32VDC	0.11	3.52	41B9031	132.61	125.44
871P-P1	125VDC	0.025	3.1	41B9032	132.61	125.44
875-G1	24VDC	0.16	3.8	41B9054	134.94	127.65
875-P1	125VDC	0.025	3.1	41B9056	151.39	143.21
877-E1	12VDC	0.27	3.2	41B9061	170.30	161.09
877-G1	24VDC	0.16	3.8	92B9854	170.30	161.09
877-J1	32VDC	0.13	4.2	41B9062	176.12	166.60
877-P1	125VDC	0.025	3.1	99F8163	176.12	166.60

(2785)

ADAPTATONE® MULTI-TONE INDUSTRIAL SIGNAL



Signal is heavy-duty industrial, tone selectable, stand alone, signaling device capable of producing up to 27, volume controlled, high decibel tones. PLC compatible. Terminals for 24VDC battery back up. Solid-state weather-proof design. Fully enclosed; heavy-duty zinc cast construction. UL listed for indoor, outdoor use.



Mfg. Part No.	Operating Voltage	Signal Input Voltage	Current (A)	Stock No.	Price Each	
					1-2	3-4
5530M-24V6	120VAC	24VDC	0.24	29C8275	762.66	713.60
5530M-120Y6	240VAC	120VAC	0.15	72C4654	762.66	713.60
5530M-24AQ	24VDC	24VDC	0.64	27C4245	776.38	726.44

(2787)

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 - No minimum order fees, no hassles.
- Visit us online today.



SEARCH



FIND



BUY

(94642)

WARNING & SAFETY

● Indicates RoHS Compliant

SIGNALING – AUDIBLE • SIGNALING – BEACON

LUMATONE® AND VISUAL/AUDIO ELECTRONIC SIGNALS



E102A

Edwards Signaling & Security Systems
Part of GE Security

Non-irritating harmonic tone that demands attention in both quiet and noisy environments. Panel mounts in a 1½" dia. hole, panel thickness up to ¾". Solid-state construction gives a rated life of 5,000 hours. No arcing, sparking or noise. Sound output level can be varied by applied voltage (80dB @ 1ft. with 12VDC).

Mfg. Part No.	VA Rating		Max Operating Current (MADC)	
	@12VDC	@24VDC	@12VDC	@24VDC
E102A	0.12	0.44	10	18
E103A	0.12	0.44	10	18
E104A	0.20	0.75	16	30
E105AE	0.20	0.75	16	30

Mfg. Part No.	Description	Stock No.	Price Each	
			Each	2-5
E102A	Steady Audio Signal	92F6370	35.07	32.62
E103A	Pulsating Audio Signal-Solid State Switching	92F6371	47.38	44.72
E104A	Steady Visual/Audio Signal	92F6372	37.33	34.72
E105AE	Pulsating Visual/Audio Signal-Solid State Switching	92F6373	49.17	46.41

(2791)

WALL MOUNT STROBE/BUZZER



Edwards Signaling & Security Systems
Part of GE Security



- 120VAC Operating Voltage
- Neutral White Color
- UL Listed

7007B-N5 audible/visual signaling device is designed for hospitals, public restrooms, handicapped areas and many other applications. Install in a simple gang box 2W X 4H" (51 x 102mm). Audible signal generates 82dB, at 10 feet and a high intensity 150 candela (strobe) visual signal. **7008B-N5** included buzzer/strobe and emergency pull cord station for activation.

Mfg. Part No.	Description	Stock No.	Price Each
7007B-N5	Strobe/Buzzer	41B8932	82.29
7008B-N5	Call for Assistance System	41B8933	97.11

(3051)

ADAPTABEACON® FLASHING OR SINGLE SIGNAL INDICATORS



Edwards Signaling & Security Systems
Part of GE Security



51 Series w/Horn



92 Series



95 Series

50 and 51 series direct or ½" NPT conduit mounted. Flashing visual signal for indoor use (when used outdoor, base must be mounted below the dome). Features halogen bulb. Available with audible horn that is rated at 85dB @ 10 ft. Flasher is 6" dia. x 6" high.; flasher with horn is 6" dia. x 7¾" high. UL listed. Strobes for light duty industrial applications. Single flashing strobes are available as strobe only and strobe with audible horn. Units with audible horn are rated at 85dB @ 10 ft. Can be mounted directly on a 4" octagonal box or ½" NPT conduit. For indoor and outdoor use, when used outdoors, units should be mounted vertically with dome up. 120VAC. UL listed and CSA certified.

FLASHING - LAMPS

Mfg. Part No.	Color	Voltage	Amps	Stock No.	Price Each	
					1-2	3-4
50R-N5-40WH	Red	120VAC	0.3	92F6439	189.46	175.93
50A-N5-40WH	Amber	120VAC	0.3	83F4207	189.46	175.93

FLASHING LIGHTS WITH HORN

51R-N5-40W	Red	120VAC	0.3	12C2475	226.03	209.89
51A-N5-40W	Amber	120VAC	0.3	92F6438	226.03	209.89
51R-G1	Red	24VDC	1.1	88F4948	241.79	224.52
51A-G1	Amber	24VDC	1.1	41B8638	241.79	224.52

STROBE

Mfg. Part No.	Color	Electrical Rating	Dim. (Dia. x H)	Amps	Stock No.	Price Each	
						Each	2-5
92A-N5	Amber	120V 5-/60Hz	6 x 6¾"	0.1	92F6427	312.94	290.59
92R-N5	Red	120V 5-/60Hz	6 x 6¾"	0.1	92F6428	312.94	290.59

➔ CONTINUED ➔

ADAPTABEACON® FLASHING OR SINGLE SIGNAL INDICATORS (CONT.)

STROBE WITH HORN

Mfg. Part No.	Color	Electrical Rating	Dim. (Dia. x H)	Amps	Stock No.	Price Each	
						Each	2-5
95A-N5	Amber	120V 50/60Hz	6 x 7¾"	0.1	92F6423	408.55	379.36
95R-N5	Red	0.1A	6 x 7¾"	0.1	92F6424	408.55	379.36

(2966)

XVB SERIES SINGLE-STAGE INDICATING BANKS



XVB38

Telemecanique™



Quick installation steady-on light. Contact block is removable for easy wiring. Meets IEC enclosures IP 65 classification and NEMA type 4X. Complete unit includes: 1 lens, 1 base unit (direct or tube mounting). Bulb (10W max) not included. 2.75" (70mm) diameter. UL listed, CSA certified, CE compliant. *Accessories for indicating banks sold separately on page 1871.*

Mfg. Part No.	Color	Stock No.	Price Each	
			1-5	6-14
XVBL33	Green	16C7121	88.28	82.80
XVBL34	Red	16C7122	88.28	82.80
XVBL35	Orange	16C7123	88.28	82.80
XVBL36	Blue	16C7124	88.28	82.80
XVBL37	Clear	16C7125	88.28	82.80
XVBL38	Yellow	16C7126	88.28	82.80

(59978)

ADAPTABEACON, LED STAR-BURST AND CHAMELEON LED LIGHTS AND INDICATORS



Edwards Signaling & Security Systems
Part of GE Security



104 Series



109 & 103 Series

Flashing and Steady-On lights come with high intensity halogen or long life LED bulbs. Strobe models provide up to 300,000 peak candela. All lights have a shatter-resistant polycarbonate lens and are locknut panel mount or ½" conduit mounting. 3¼" dia. x 3½" high. UL listed, CSA certified, CE compliant.

Panel or conduit mountable. Integral double-threaded (internal/external) mounting nipple accommodates ¾" or ½" conduit mounting. UL listed. cUL listed NEMA 4X. Other light source colors available, go online or call.

ADAPTABEACON WARNING LIGHTS

Mfg. Part No.	Bulb Style	Color	Voltage	Amps	Stock No.	Price Each
						1-4
104FLEDR-G1	Flashing LED	Red	24VDC	0.065	41B8048	150.40
104FLEDA-G1	Flashing LED	Amber	24VDC	0.065	41B8043	150.40
104FLEDR-N5	Flashing LED	Red	120VAC	0.022	48F3782	150.40
104FLEDA-N5	Flashing LED	Amber	120VAC	0.022	48F3783	150.40
104SLEDR-N5	Steady-On LED	Red	120VAC	0.022	48F3784	143.33
104SLEDA-N5	Steady-On LED	Amber	120VAC	0.022	48F3785	143.33
104FINHR-G1	Flashing Halogen	Red	24VDC	0.77	41B8041	110.50
104FINHA-G1	Flashing Halogen	Amber	24VDC	0.77	41B8030	110.50
104FINHR-N5	Flashing Halogen	Red	120VAC	0.25	48F3786	110.50
104FINHA-N5	Flashing Halogen	Amber	120VAC	0.25	48F3787	110.50
104SINHR-N5	Steady-On Halogen	Red	120VAC	0.25	48F3788	108.49
104SINHA-N5	Steady-On Halogen	Amber	120VAC	0.25	48F3789	110.67
104STR-N5	Strobe	Red	120VAC	0.12	48F3790	124.96
104STA-N5	Strobe	Amber	120VAC	0.12	48F3791	121.92

109 SERIES LED STAR-BURST MULTI-STATUS INDICATORS

Mfg. Part No.	Color	Operating Voltage	Stock No.	Price Each
				1-4
109R-G1	Red	24VDC	22H4927	311.85
109A-N5	Amber	120VAC	22H4922	305.60

103 SERIES CHAMELEON LED MULTI-STATUS INDICATORS

103I-RGA-G1	Red/Green/Amber	24VDC	22H4615	286.52
103I-RGA-N5	Red/Green/Amber	120VAC	22H4616	253.08

(33991)

SIGNALING – BEACON • SIGNALING – ROTATING BEACON • SIGNALING – STACKLIGHTS

MACHINE RATED FOR
ADVERSE LOCATION
ADAPTABEACON® LIGHTS

**Edwards Signaling
& Security Systems®**
Part of GE Security



Light With
Mounting Bracket



Light With
Outlet Box Base



Light With
Pipe Mount Base

Feature NEMA 4X and marine-rated enclosure when assembled in accordance with installation instructions. Mounting options include pipe mount, outlet box and mounting bracket. Steady-On and Flashing models are available with either a high intensity halogen bulb or a long life LED. Strobes are available with 300,000 peak candela or high intensity 800,000 peak candela output. Order light module and mounting base separately. UL listed for use in Class 1, Division 2, Groups A, B, C, and D, Class 2, Division 2, Groups F and G and Class 3 Hazardous Locations, CSA certified, CE marked. All types and voltages available in red and amber; go online or call.

LIGHT MODULES

Mfg. Part No.	Description	Color	VAC	Current (Amps)	Stock No.	Price Each
105FLEDR-N5	Flashing LED	Red	120VAC	0.022	48F3796	202.41
105FLEDA-N5	Flashing LED	Amber	120VAC	0.022	48F3797	210.74
105SINHR-N5	Steady-on Halogen	Red	120VAC	0.2	48F3798	136.78
105SINH-N5	Steady-on Halogen	Amber	120VAC	0.2	48F3799	181.09
105FINHR-N5	Flashing Halogen	Red	120VAC	0.2	48F3800	165.27
105FINHA-N5	Flashing Halogen	Amber	120VAC	0.2	48F3801	165.27
105STR-N5	Strobe	Red	120VAC	0.1	48F3802	183.96
105STA-N5	Strobe	Amber	120VAC	0.1	48F3803	183.96
105HISTR-N5	High-intensity Strobe	Red	120VAC	0.1	48F3804	261.68
105HISTA-N5	High-intensity Strobe	Amber	120VAC	0.1	48F3805	293.72

MOUNTING ATTACHMENTS

105PM	Pipe Mount Attachment				48F3806	23.96
105BX	Outlet Box Attachment				48F3807	30.93
105BM	Mounting Bracket (Use with 105BX)				41B8077	46.10

(33993)

ADAPTABEACON SCREW
BASE BEACONS & STROBES

- Easily Installed Into a Standard Light Socket
- Bright Visual Indication to Signal Warning
- Indoor or Outdoor Use
- Lenses Available in 5 colors
- Incandescent Bulb Life: 1,000 Hours
- Strobe Bulb Life: 3,500 Hours
- 60 Flashes per Minute for Both Flashing and Strobe Units—Strobe Units have Higher Intensity
- Voltage: 120VAC



**Edwards Signaling
& Security Systems®**
Part of GE Security

FLASHING INCANDESCENT

Mfg. Part No.	Color	Amps (A)	Stock No.	Price Each
110FINR-N5	Red	0.96	91C5910	70.07
110FINA-N5	Amber	0.96	91C5906	70.07
110FINB-N5	Blue	0.96	91C5907	70.07
110FING-N5	Green	0.96	91C5909	69.05
110FINC-N5	Clear	0.96	91C5908	70.07

STROBE

110STR-N5	Red	0.03	91C5915	82.30
110STA-N5	Amber	0.03	91C5911	82.30
110STB-N5	Blue	0.03	91C5912	82.30
110STG-N5	Green	0.03	91C5914	82.30
110STC-N5	Clear	0.03	91C5913	82.30

(72422)

**Talk to our
team of
engineers.**

Chat live online with our
expert technical team or
connect to them by phone.
Go online or call us today.

(94668)

ADAPTABEACON®
ROTATING LIGHT

- Weatherproof
- 75 Revolutions Per Minute



**Edwards Signaling
& Security Systems®**
Part of GE Security



Applications include: outdoor security areas - to alert passersby of a change of conditions inside. Noisy areas indoors - to warn or communicate. Direct or ½" NPT conduit mounted. Bayonet socket for easy lamp replacement. Feature long-life halogen bulb. For indoor and outdoor use. Lens must face up when mounted in outdoor application. Dia. 6", height 8.5". UL listed to 120VAC, 60Hz. 240VAC also available.

52 SERIES ROTATING LIGHT

Mfg. Part No.	Color	Voltage	Current (Amps)	Stock No.	Price Each
52R-N5-40WH	Red	120VAC	0.35	41B8709	213.79
52A-N5-40WH	Amber	120VAC	0.35	41B8677	213.79
52B-N5-40WH	Blue	120VAC	0.35	41B8680	213.79
52C-N5-40WH	Clear	120VAC	0.35	41B8683	213.79
52G-N5-40WH	Green	120VAC	0.35	41B8704	213.79
52M-N5-40WH	Magenta	120VAC	0.35	41B8707	213.79
52R-G5-20WH	Red	24VAC	0.8	92F6431	236.71
52A-G5-20WH	Amber	24VAC	0.8	92F6432	236.71

(2962)

RT SERIES ALARM WITH ROTATING LIGHT

PATLITE

- Visible at great distances with 162mm dome
- 8 different alarm sounds on Type RT-xxxKx models
- Available in red, yellow, green and blue
- Adjustable volume control to 105db/m
- Preprogrammed with 8 industrial chimes on Type RT-xxxLx models
- Programmable with voice, chime or alarm



The RT series provides a very bright rotating beacon (162mm) with three audible alarm options and an adjustable volume up to 105dB/m. RT-V has voice capability, once programmed by manufacturer, plays 4 messages and up to 64 seconds of message time.

Mfg. Part No.	Style	Color	Stock No.	Price Each
RT-24V	Voice Synthesizer - 24V AC/DC	...	07H2309	614.64
RT-120V	Voice Synthesizer - 120V AC	...	07H2305	683.20
RT-120LR	Chime Phone - 120V AC	Red	07H2304	378.24
RT-24KAR	Alarm Sound - 24V AC/DC	Red	07H2307	420.80
RT-24KAY	Alarm Sound - 24V AC/DC	Yellow	07H2306	420.80
RT-120KAR	Alarm Sound - 120V AC	Red	07H2302	420.80
RT-120KAY	Alarm Sound - 120V AC	Yellow	07H2301	420.80

(74193)

108 SERIES CHAMELEON
INDICATORS

**Edwards Signaling
& Security Systems®**
Part of GE Security

- One Multi-Color Light Source Allows Multi-Status Indication From a Low Profile "Single Stack" Light
- Two-Stack Capability For a Fourth Visual Signal
- Multi-Tone Base Module
- Pipe or Surface Mount
- 120,000 Hour LED Light Source
- PLC Compatible



The Chameleon is designed to function as either a steady or flashing visual signal. Available in 24VDC and 120VAC 50/60Hz. Features include: vibration-resistant heavy-duty industrial design, molded-in gasketed lens modules, and a multi-tone base with eight selectable tone options. ¾" (19mm) mounting pipe or surface mounting. NEMA 4X housing. UL and CUL listed.

Mfg. Part No.	LED Colors	Voltage	Stock No.	Price Each
108I-RGA-N5	Red-Green-Amber	120VAC	25C4184	401.97
108I-RGA-G1	Red-Green-Amber	24VDC	25C4183	401.97
108I-RBA-N5	Red-Blue-Amber	120VAC	25C4182	401.97
108I-RBA-G1	Red-Blue-Amber	24VDC	25C4181	401.97

(68714)

SIGNALING – STACKLIGHTS

ECONOMY MACHINE STATUS INDICATOR

- 3 High Preassembled Units
- Flashing or Steady-On
- Pipe Mount or Surface Mount
- PLC Compatible

113 series Machlight® Stacklights are designed for machine and process control multi-status indication. Units have diffusion fresnel lenses for wide area visibility. Lenses can be rearranged to suit your application. Surface mount units include mounting hardware. Pipe mount units include 10" (254) mounting pole with hardware for mounting to horizontal surfaces. 8" (203) wire leads.

PIPE MOUNT STACKLIGHT (RED, GREEN, AMBER)

Mfg. Part No.	Light Source	Operating Voltage	Stock No.	Price Each
113FP-RGA-AQ	Flashing	24VAC/DC	22H5028	91.97
113FP-RGA-N5	Flashing	120VAC	22H5029	91.97
113SP-RGA-AQ	Steady-On	24VAC/DC	22H5033	57.77
113SP-RGA-N5	Steady-On	120VAC	22H5034	57.77

SURFACE MOUNT STACKLIGHT (RED, GREEN, AMBER)

113FS-RGA-AQ	Flashing	24VAC/DC	22H5030	88.59
113FS-RGA-N5	Flashing	120VAC	22H5031	88.59
113SS-RGA-AQ	Steady-On	24VAC/DC	22H5035	54.26
113SS-RGA-N5	Steady-On	120VAC	22H5036	54.26

(75414)

Edwards Signaling & Security Systems
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TRILIGHT™ CUSTOMIZABLE STATUS INDICATORS (CONT.)

CUSTOM COMPONENTS - BASE

Mfg. Part No.	Description	Amps	Voltage Rating	Stock No.	Price Each
102TBS-N5	Base Unit - use with optional horn assembly	0.60	120VAC	48F3761	79.57
102DMBS-N5	Mine base for direct panel mount	0.60	120VAC	48F3762	56.89
102PMBS-N5	Mini base for 3/4" (19mm) conduit mount	0.60	120VAC	48F3763	68.92

*Audible signal module must be purchased separate (see below).

LIGHT SOURCES

Mfg. Part No.	Description	Color	Amps	Stock No.	Price Each
102LS-SINH-N5	Steady-On Halogen	...	0.11	48F3764	35.97
102LS-SLEDR-N5	Steady-On LED	Red	0.022	48F3765	128.38
102LS-SLEDA-N5	Steady-On LED	Amber	0.022	48F3766	128.38
102LS-SLEDG-N5	Steady-On LED	Green	0.022	48F3768	160.29
102LS-FINH-N5	Flashing Halogen	...	0.08	48F3769	66.16
102LS-FLEDR-N5	Flashing LED	Red	0.022	48F3770	132.07
102LS-FLEDA-N5	Flashing LED	Amber	0.022	48F3771	132.07
102LS-ST-N5	Flashing Strobe	...	0.12	48F3774	118.52

LENS MODULES

Mfg. Part No.	Color	Stock No.	Price Each
102LM-R	Red	48F3777	54.09
102LM-A	Amber	48F3778	54.09
102LM-B	Blue	48F3779	54.09
102LM-G	Green	48F3780	54.09

BASE-MOUNTED AUDIBLE SIGNAL MODULES

Mfg. Part No.	Description	Amps	Stock No.	Price Each
102SIGST-N5	Single-Tone	0.05	48F3775	48.05
102SIGMT-N5	Multi-Tone	0.05	48F3776	66.53

(33992)

TRILIGHT™ CUSTOMIZABLE STATUS INDICATORS



Edwards Signaling & Security Systems
Part of GE Security



Pre-Assembled Unit



Lens Module



LED



Strobe Light Sources



Halogen

- Modular
- Each light Module has Its Own Unique Light Source

102 series unique trilight shape enhances viewing area. Audible-visual signalling device can contain up to 5 light modules and an optional tone module in a single stack. All electrical units are 120VAC. Modules are stackable in any light source or color combination you choose. Units are PLC compatible and can be wired directly to most programmable logic controllers without the use of a relay or drop resistor. Surface mount or 3/4" NPT conduit mounting. For indoor and outdoor applications. Available in pre-assembled models with three lights each, or design your own by ordering a base unit and up to 5 light sources and lens modules of the color and voltage you choose. Meets NEMA enclosure types 3R, 4X, and IEC enclosure IP65 classifications. UL listed, CSA certified, CE compliant.

PRE-ASSEMBLED UNITS

Mfg. Part No.	Color	Voltage	Stock No.	Price Each
102SIN-RGA-N5	Red, Green, Amber	120VAC	16C1374	282.02
102SIN-RBA-N5	Red, Blue, Amber	120VAC	16C1379	264.02
102SIN-RGA-G1	Red, Green, Amber	24VDC	16C1382	282.02
102SIN-RBA-G1	Red, Blue, Amber	24VDC	16C1386	264.02

➔ CONTINUED ➔

Find current application notes—fast.

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(94646)

SIGNALING – STACKLIGHTS

STACKABLE
LIGHT TOWERS

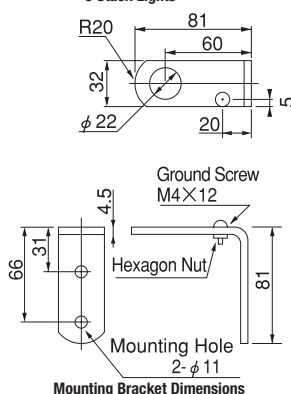
5 Stack Lights



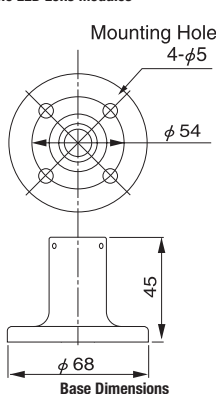
Color-Coded Wiring Terminals



Removable LED Lens Modules



Mounting Bracket Dimensions



Base Dimensions

- Lead-free design
- IP65 environment protection, NEMA, 4, 4X, 13
- 70mm diameter
- Ultra bright LEDs
- Unique contact design ensures longer life
- Fast and easy assembly

- Optional adjustable audible alarm
- Color-coded wiring terminals
- Nine modular components with 5 lens colors and 4 bases units
- LED strobe modules available (pulses 77 times per minute)

The **LT7** light tower combines LED technology with modular-style assembly. This enables the towers to meet extensive requirements seen in most status-indicating applications. The design uses 6 modular components to make a five color tower, complete with alarm and flashing functions. Using the brightest LEDs in the **LT7** product range provides brilliant illumination for all lens colors. The prism cut design enhances the brightness and ensures outstanding levels of visibility from any direction or distance. Height (mm): 1 light 211, 2 lights 252, 3 lights 293, 4 lights 334, 5 lights 375. Strobe LED lens modules work with 24VAC/DC base units and pulse at 77 times per minute.

BASE UNITS (INCLUDING CAPS)

Mfg. Part No.	Description	Voltage	Alarm	Stock No.	Price Each	
					1-2	3-4
LT7B-D24FB	Flashing/Buzzer	24VDC	Alarm 1, Alarm 2*	35K5656	199.93	186.75
LT7B-A250FB	Flashing/Buzzer	90-250VAC	Alarm 1, Alarm 2*	35K5654	259.08	242.00
LT7B-D24	Steady Light	24VDC	...	35K5655	81.63	76.25
LT7B-A250	Steady Light	90-250VAC	...	35K5653	140.78	131.50

* Alarm1 = Continuous sound; Alarm 2 = Intermittent sound

LED MODULES

Mfg. Part No.	Color	Stock No.	Price Each		
			1-2	3-4	5-9
LT7A-LY	Lemon/Yellow	82K9236	57.33	54.15	50.96
LT7A-Y	Yellow	35K5652	57.97	54.15	51.92
LT7A-R	Red	35K5650	57.97	54.15	51.92
LT7A-G	Green	35K5649	57.97	54.15	51.92
LT7A-S	Blue	35K5651	57.97	54.15	51.92
LT7A-C	White/Clear	35K5648	57.97	54.15	51.92

STROBE LED UNITS

Mfg. Part No.	Color	Stock No.	Price Each		
			1-2	3-4	5-9
LT7A-XE-C	White	82K9237	174.33	164.65	154.96
LT7A-XE-G	Green	82K9238	174.33	164.65	154.96

► CONTINUED ►

STACKABLE LIGHT TOWERS (CONT.)

Mfg. Part No.	Color	Stock No.	Price Each		
			1-2	3-4	5-9
LT7A-XE-R	Red	82K9239	174.33	164.65	154.96
LT7A-XE-S	Blue	82K9240	174.33	164.65	154.96
LT7A-XE-Y	Amber	82K9241	174.33	164.65	154.96

POLES

Mfg. Part No.	Description	Stock No.	Price Each	
			1-2	1-2
LT9Z-7L	Pole with L-angle Bracket, Length 313mm, Dia. 70mm	35K5657	59.15	
LT9Z-7T	Pole with Base-mount Bracket, Length 323mm, Dia. 70mm	35K5658	59.15	

ACCESSORIES

Mfg. Part No.	Description	Stock No.	Price Each		
			1-2	3-4	5-9
LT9Z-SZ020	Wall mounting bracket for LT7 pole units	82K9243	35.10	33.15	31.20
LT9Z-SZ50NPT	1/2 inch NPT aluminum adapter bracket for LT7	82K9244	58.50	55.25	52.00

(84928)

SIGNALIGHT™ TOWERS



Pole Mount Unit



Base Mount Unit



Pole Unit



Pole/Mounting Base



Lamps



Lens Covers



LEDs

- Provides 360° illumination of status or alarm conditions
- Units can be either base or pole mounted
- Flashing or steady lights
- Vibration-resistant bulbs, up to 10W, provide 2,000 hours of life

- Vibration and shock damping base
- Bases are available in metal or plastic
- Color-coded wires make assembly and wiring easy
- Heat and shock-resistant polycarbonate lenses

Signalight™ towers offer 360° of indication illumination for reporting the status of automated machinery. Easy to assemble and disassemble. Available in 120VAC or 24VAC/DC. Build up to five tiers in five different color heat-and-shock-resistant polycarbonate lenses (red, green, blue, yellow, and white). Choose from either steady or flashing lights and metallic or plastic bases. Lamp type: T-20; lamp base: BA15D. Prism-cut globe increases signal visibility. Built-in vibration/shock absorber, color-coded wires. Dimensions: each tier = 2.75H x 2.20"W (70 x 56). UL and cUL listed.

To build a complete Signalight unit, pick: 1) Base unit + 2) Top cap + 3) Lenses + 4) Lamps + 5) Optional Pole unit for pole mounting and optional pole mounting base

1 tier = 6.7" (170), 2 = 9.4" (240), 3 = 12.2" (310), 4 = 14.9" (380), 5 = 17.7" (450).

BASE UNITS

Mfg. Part No.	Tiers	Voltage	Lamp Type	Power (W)	Base	Stock No.	Price Each	
							1-4	5-9
LT1A-0115M	1	120VAC	Steady	7	Metallic	52F7394	88.97	83.41
LT1A-0125M	2	120VAC	Steady	7	Metallic	52F7395	93.46	87.62
LT1A-0135M	3	120VAC	Steady	7	Metallic	52F7396	96.89	90.84
LT1A-0145M	4	120VAC	Steady	7	Metallic	52F7397	111.94	104.94
LT1A-0155M	5	120VAC	Steady	7	Metallic	52F7398	113.26	106.18
LT1A-0115P	1	120VAC	Steady	7	Plastic	52F7399	64.68	60.64
LT1A-0135P	3	120VAC	Steady	7	Plastic	52F7401	72.60	68.07
LT1D-0135P	3	120VAC	Flashing	7	Plastic	52F7411	128.57	120.54
LT1A-0132M	3	24VAC/DC	Steady	10	Metallic	52F7414	96.89	90.84
LT1D-0132P	3	24VAC/DC	Flashing	10	Plastic	52F7415	128.57	120.54

LENSES

Mfg. Part No.	Color	Stock No.	Price Each	
			1-4	5-9
LT1X-08G	Green	52F7417	11.09	10.40
LT1X-08R	Red	52F7418	11.09	10.40
LT1X-08Y	Yellow	52F7419	11.09	10.40

► CONTINUED ►

WARNING & SAFETY

● Indicates RoHS Compliant

SIGNALING – STACKLIGHTS

SIGNALIGHT™ TOWERS (CONT.)

Mfg. Part No.	Color	Stock No.	Price Each	
			1-4	5-9
LT1X-08W	White	52F7420	11.09	10.40
LT1X-08S	Blue	52F7421	11.09	10.40

LAMPS

Mfg. Part No.	Voltage	Power (W)	Stock No.	Price Each	
				1-4	5-9
B5-1	120VAC	7	52F7424	3.44	3.22
B5-31	30VAC/DC	7	52F7425	3.44	3.22

REPLACEMENT LEDS

Also available in blue and white; go online or call.

Mfg. Part No.	Voltage	Color	Stock No.	Price Each	
				1-4	5-9
LTXD-2R	24VAC/DC	Red	91F5714	42.24	39.60
LTXD-2G	24VAC/DC	Green	91F5713	42.24	39.60
LTXD-2Y	24VAC/DC	Yellow	91F5717	42.24	39.60
LTXD-120G	120VAC	Green	91F5718	42.24	39.60
LTXD-120R	120VAC	Red	91F5719	42.24	39.60

MOUNTING ACCESSORIES

Mfg. Part No.	Description	Stock No.	Price Each	
			1-4	5-9
LT1Z-10	Pole unit	52F7422	21.12	19.80
LT1X-06	Top Cap	52F7416	7.40	6.93

(3035)

LU7 SERIES MODULAR SYSTEM INDICATING LIGHT



PATLITE

- Easy to assemble, no tools required
- LED's for longer life
- Size: 70mm diameter
- NPN or PNP open collector compatible
- Meets IP-65

FB type, two selectable single-tone alarms, one intermittent and one continuous, with adjustable volume to 90dB (at 1m), and light has 60 flashes per minute. Unique contacts in each color segment connect with a simple twisting motion. Easy, hand free assemble. Easy power/control wiring with spring loaded terminal block. Pole mount options available, SZ 50L, SZ-50T.

BASE MODULE (INCLUDING CAP)

Mfg. Part No.	Rated Voltage	Alarm/Flash	Stock No.	Price Each	
				1-4	5-9
● LU7-02	24 VDC	Continuous Light	97H2734	53.35	
● LU7-02FB	24 VDC	2 Alarms/Flash	09J4672	108.26	
● LU7-M2	90-250 VAC	Continuous Light	09J4670	164.13	
● LU7-M2FB	90-250 VAC	2 Alarms/Flash	09J4671	218.84	

LED MODULE

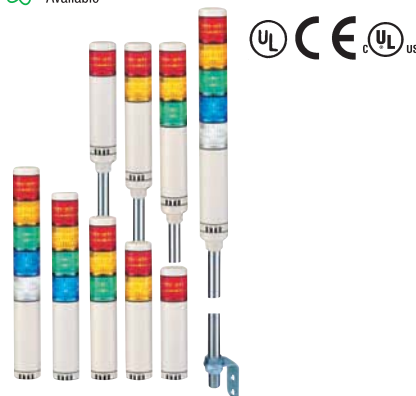
Mfg. Part No.	Color	Stock No.	Price Each	
			1-4	5-9
● LU7-E-B	Blue	09J4667	73.34	
● LU7-E-C	Clear	09J4668	67.23	
● LU7-E-G	Green	09J4669	43.75	
● LU7-E-R	Red	96H9680	43.75	
● LU7-E-Y	Yellow	96H9683	47.73	

(80285)

LCE SERIES INDICATING LIGHTS



PATLITE



LCE series LED signal towers are 40mm in diameter, operate in a continuous light mode. LCE-FB series have continuous and flashing lights plus audible alarm. Super-bright LEDs provide an average of 100,000 hours of reliable, maintenance-free operation. Meets IP-65 for LCE series and IP-54 for LCE-FB series. Includes 300mm chrome-plated steel pole and side mounting bracket. Available in pole mount and direct mount styles. Mounting brackets available on page 1871. Other mounting options available, go online or call.

Mfg. Part No.	Lights	Colors	Voltage	Mount	Stock No.	Price Each	
						1-4	5-9
LCE-102TWR	1	Red	24V AC/DC	Direct	21J8609	69.95	
LCE-102FBR	1	Red	24V AC/DC	Pole	07H2177	147.14	
LCE-1M2WR	1	Red	100-240VAC	Direct	07H2176	111.06	
LCE-1M2FBWR	1	Red	100-240VAC	Direct	07H2174	176.08	
LCE-1M2R	1	Red	100-240VAC	Pole	07H2175	126.63	
LCE-1M2FBR	1	Red	100-240VAC	Pole	07H2173	176.08	
LCE-202TW-RY	2	Red, Yellow	24V AC/DC	Direct	07H2195	95.28	
● LCE-202W-RG	2	Red, Green	24V AC/DC	Direct	21J7583	104.93	
LCE-202TRY	2	Red, Yellow	24V AC/DC	Pole	21J8615	120.60	
LCE-202RG	2	Red, Green	24V AC/DC	Pole	46M2930	120.60	
LCE-2M2WRY	2	Red, Yellow	100-240VAC	Direct	07H2187	114.57	
LCE-2M2WRG	2	Red, Green	100-240VAC	Direct	07H2188	123.02	
LCE-2M2FBWRG	2	Red, Green	100-240VAC	Direct	07H2184	173.67	
LCE-2M2RY	2	Red, Yellow	100-240VAC	Pole	07H2185	149.55	
LCE-2M2RG	2	Red, Green	100-240VAC	Pole	07H2186	149.55	
LCE-2M2FBRY	2	Red, Yellow	100-240VAC	Pole	07H2181	198.99	
LCE-2M2FBRG	2	Red, Green	100-240VAC	Pole	07H2182	198.99	
LCE-302TWRYG	3	Red, Yellow, Green	24V AC/DC	Direct	21J8622	115.78	
LCE-302-RYG	3	Red, Yellow, Green	24V AC/DC	Pole	46M2966	139.90	
● LCE-302FB-RYG	3	Red, Yellow, Green	24V AC/DC	Pole	07H2201	190.55	
LCE-3M2WRYG	3	Red, Yellow, Green	100-240VAC	Direct	07H2200	144.72	
LCE-3M2FBWRYG	3	Red, Yellow, Green	100-240VAC	Direct	07H2198	183.32	
LCE-3M2RYG	3	Red, Yellow, Green	100-240VAC	Pole	07H2199	168.84	
LCE-3M2FB-RYG	3	Red, Yellow, Green	100-240VAC	Pole	07H2197	218.29	
LCE-402TRYGB	4	Red, Yellow, Green, Blue	24V AC/DC	Pole	21J8625	179.70	
LCE-402FBRYGB	4	Red, Yellow, Green, Blue	24V AC/DC	Pole	07H2209	230.35	
LCE-4M2WRYGB	4	Red, Yellow, Green, Blue	100-240VAC	Direct	07H2208	184.52	
LCE-4M2FBRYGB	4	Red, Yellow, Green, Blue	100-240VAC	Pole	07H2205	258.09	
LCE-5M2W	5	Red, Yellow, Green, Blue, Clear	100-240VAC	Direct	07H2216	224.32	
LCE-5M2	5	Red, Yellow, Green, Blue, Clear	100-240VAC	Pole	07H2213	248.44	
LCE-5M2FB	5	Red, Yellow, Green, Blue, Clear	100-240VAC	Pole	07H2214	297.89	

(74188)

7

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Online today. On your desk tomorrow.



(94654)

1870



Go online or call for non-compliant or  RoHS compliant products. See page 3

SIGNALING – STACKLIGHTS

LME SERIES
INDICATING
LIGHTS

LME series is 60mm in diameter and uses a patented LED reflection system which increases the intensity of indicator. Available in a continuous version, LME, and a continuous with flashing and buzzers (2), LME-FB. LME signal tower meets IP-65 and LME-FB meets IP-54. Comes with 300mm aluminum pole and top mounting bracket. Style D = direct mount. Style P = pole mount. Mounting brackets available on this page. UL listed. CE certified. Canadian UL listed. Other mounting options available, go online or call.

PATLITE

XVB SERIES
INDICATING BANKS

XVBC21

- Start With XVBC21 Base
- Choose up to 5 Lens Modules or a Sounder Module
- Order Appropriate Color, Type and Voltage Lamps Separately

Indicating banks give facility managers instant notification of the status of production machines. XVB series allows maximum user flexibility with simple installation and maintenance. No tools are required to assemble a bank; modules simply twist and click together. Maintenance-free LED lamps have an average life of 100,000 hours. 70mm diameter. Meets IP65, Nema 4X. UL listed, CSA recognized, CE compliant.

Mfg. Part No.	Style	Color	Stock No.	Price Each
LME-102TW-R	1 Light - D - 24VAC/DC	Red	07H2224	77.99
LME-102TFBWR	1 Light - D - 24VAC/DC	Red	45J3276	125.72
LME-102TR	1 Light - P - 24VAC/DC	Red	45J3271	104.93
LME-102FB-R	1 Light - P - 24VAC/DC	Red	41M6956	154.37
LME-112TWR	1 Light - D - 120VAC	Red	07H2228	116.40
LME-112TFBWR	1 Light - D - 120VAC	Red	07H2226	164.13
LME-112TR	1 Light - P - 120VAC	Red	07H2227	140.85
LME-112TFBR	1 Light - P - 120VAC	Red	07H2225	187.41
LME-202TW-RY	2 Lights - D - 24VAC/DC	Red, Yellow	07H2235	101.27
LME-202TWRG	2 Lights - D - 24VAC/DC	Red, Green	45J3303	104.93
LME-202TFBW-RG	2 Lights - D - 24VAC/DC	Red, Green	07H2232	149.00
LME-202-RY	2 Lights - P - 24VAC/DC	Red, Yellow	21M5035	125.72
LME-202TFB-RY	2 Lights - P - 24VAC/DC	Red, Yellow	07H2229	173.44
LME-212TWRG	2 Lights - D - 120VAC	Red, Green	07H2244	140.85
LME-212TFBWRY	2 Lights - D - 120VAC	Red, Yellow	07H2239	187.41
LME-212TFBWRG	2 Lights - D - 120VAC	Red, Green	07H2240	187.41
LME-212TRY	2 Lights - P - 120VAC	Red, Yellow	07H2241	139.68
LME-212TRG	2 Lights - P - 120VAC	Red, Green	07H2242	164.13
LME-212TFBRY	2 Lights - P - 120VAC	Red, Yellow	07H2237	211.85
LME-212TFBRG	2 Lights - P - 120VAC	Red, Green	07H2238	211.85
LME-302FBWRYG	3 Lights - D - 24VAC/DC	Red, Yellow, Green	07H2246	163.74
LME-302-RYG	3 Lights - P - 24VAC/DC	Red, Yellow, Green	07H2247	149.00
LME-312TWRYG	3 Lights - D - 120VAC	Red, Yellow, Green	07H2252	164.13
LME-312TFBWRYG	3 Lights - D - 120VAC	Red, Yellow, Green	07H2250	211.85
LME-312TRYG	3 Lights - P - 120VAC	Red, Yellow, Green	07H2251	187.41
LME-312TFBRYG	3 Lights - P - 120VAC	Red, Yellow, Green	07H2249	235.13
LME-412TWRYGB	4 Lights - D - 120VAC	Red, Yellow, Green, Blue	07H2260	211.85
LME-412TFBWRYGB	4 Lights - D - 120VAC	Red, Yellow, Green, Blue	07H2258	221.16
LME-412TRYGB	4 Lights - P - 120VAC	Red, Yellow, Green, Blue	07H2259	200.21
LME-502TFBWRYGBC	5 Lights - D - 24VAC/DC	Red, Yellow, Green, Blue, Clear	45J3325	283.41
LME-502TRYGBC	5 Lights - P - 24VAC/DC	Red, Yellow, Green, Blue, Clear	45J3323	259.29
LME-502TFBRYGBC	5 Lights - P - 24VAC/DC	Red, Yellow, Green, Blue, Clear	45J3324	308.74
LME-512TFBWRYGBC	5 Lights - D - 120VAC	Red, Yellow, Green, Blue, Clear	07H2267	313.12
LME-512TRYGBC	5 Lights - P - 120VAC	Red, Yellow, Green, Blue, Clear	07H2265	288.68

(74189)

MOUNTING BRACKETS

PATLITE



SZ-010



SZ-011



SZ-017



SZ-903

Mfg. Part No.	Product Used For	Pole Diameter (mm)	Stock No.	Price Each
SZ-010	LME, LCE*, ME*	22	07H2310	26.54
SZ-011	LCE	17	07H2311	24.12
SZ-017	LME, LCE*, ME*	22	07H2313	26.54
SZ-903	LCE, ME	For 17mm Poles	07H2314	19.30
SZ-50T	LH	22	09J4675	62.86

*Requires SZ-903 Adapter
(74192)

MOUNTING BASE

Mfg. Part No.	Description	Stock No.	Price Each
XVBC21	5 Circuit Base and Cap	96B1870	44.66

STEADY LENSES

Mfg. Part No.	Color	Stock No.	Price Each	
			1-5	6-14
XVBC31	Green	16C7098	44.66	42.07
XVBC34	Red	16C7099	44.66	42.07
XVBC35	Orange	16C7100	44.66	42.07
XVBC36	Blue	16C7101	44.66	42.07
XVBC37	Clear	16C7102	44.66	42.07
XVBC38	Yellow	16C7103	44.66	42.07

FLASHING LENSES

Mfg. Part No.	Voltage	Color	Stock No.	Price Each	
				1-5	6-14
XVBC4B3	24VAC, 24-48VDC	Green	16C7104	103.90	97.88
XVBC4B4	24VAC, 24-48VDC	Red	16C7105	103.90	97.88
XVBC4B6	24VAC, 24-48VDC	Blue	16C7107	103.90	97.88
XVBC4B8	24VAC, 24-48VDC	Yellow	16C7109	103.90	97.88
XVBC4M3	120-240VAC	Green	16C7110	103.90	97.88
XVBC4M4	120-240VAC	Red	16C7111	103.90	97.88
XVBC4M5	120-240VAC	Orange	16C7112	103.90	97.88
XVBC4M6	120-240VAC	Blue	16C7113	103.90	97.88
XVBC4M7	120-240VAC	Clear	16C7114	103.90	97.88
XVBC4M8	120-240VAC	Yellow	16C7115	103.90	97.88

STROBE LENSES* (120VAC)

Mfg. Part No.	Color	Stock No.	Price Each	
			1-5	6-14
XVBC8G3	Green	16C7116	231.03	217.64
XVBC8G4	Red	16C7117	231.03	217.64
XVBC8G5	Orange	16C7118	231.03	217.64

*Strobe lens may only be assembled only on the uppermost position on the bank.

SOUNDER UNITS

Mfg. Part No.	Voltage	Stock No.	Price Each	
			1-5	6-14
XVBC9B	12-48VAC/DC	16C7119	160.29	151.00
XVBC9M	120-230VAC	16C7120	252.03	237.42

XVB ACCESSORIES

Mfg. Part No.	Description	Stock No.	Price Each	
			1-5	6-14
XVBC12	Metal Wall Mounting Bracket	16C7096	35.70	33.64
XVBC14	Side Entry Adapter for Cable	16C7097	5.76	5.43
XVBC00	1/2 NPT Tube Adapter	17C8279	2.32	2.19

(59977)

WARNING & SAFETY

● Indicates RoHS Compliant

SIGNALING – STACKLIGHTS

XVP SERIES 50mm SLIMLINE INDICATING BANKS

- 50mm Slimline Modular Design
- Long-Life Protected LED Lamp with 100,000 Hour Average Life
- NEMA, UL Type 12 and IEG IP65 Compatible

Simple twist-and-click assembly allows OEM, user or distributor to assemble complete stack. Small foot-print and sleek high-tech look for applications where aesthetics are important. Ring and base trim available in black or off-white to match application. Mounting options include direct, stand with tulip base, wall bracket with hood, or tube bracket. Built-in electronic circuitry to protect against spikes, surges, EMI and PLC leakage currents. Available in 6 lens colors and 4 tone sound modules. Order LED clusters and bulbs separately, go online or call.

BASE UNIT

Mfg. Part No.	Description	Stock No.	Price Each
XVPC21	50mm Ind. Bank Black Base Unit	80C7371	46.91

LENSES

XVPC33	50mm Ind. Bank Green Steady Lens/Black Ring	80C7374	42.51
XVPC34	50mm Ind. Bank Red Steady Lens/Black Ring	80C7376	42.51
XVPC35	50mm Ind. Bank Amber Steady Lens/Black Ring	80C7378	42.51
XVPC36	50mm Ind. Bank Blue Steady Lens/Black Ring	80C7380	42.51
XVPC37	50mm Ind. Bank Clear Steady Lens/Black Ring	80C7382	42.51
XVPC38	50mm Ind. Bank Yellow Steady Lens/Black Ring	80C7384	42.51
XVPC33W	50mm Ind. Bank Green Steady Lens/Off-White Ring	80C7375	42.51
XVPC34W	50mm Ind. Bank Red Steady Lens/Off-White Ring	80C7377	42.51
XVPC35W	50mm Ind. Bank Amber Steady Lens/Off-White Ring	80C7379	42.51
XVPC36W	50mm Ind. Bank Blue Steady Lens/Off-White Ring	80C7381	42.51
XVPC37W	50mm Ind. Bank Clear Steady Lens/Off-White Ring	80C7383	42.51

SOUNDERS

XVPC09B	50mm Ind. Bank Sounder/Black Ring 24V	80C7365	152.44
XVPC09BW	50mm Ind. Bank Sounder/Off-White Ring 24V	80C7366	152.44
XVPC09G	50mm Ind. Bank Sounder/Black Ring 120V	80C7367	152.44

ACCESSORIES

XVPC02T	50mm Ind. Bank 4" (100) Tube with Bracket/Silver	80C7357	31.81
XVPC03T	50mm Ind. Bank 10" (250) Tube with Bracket/Silver	80C7360	39.44
XVPC09G	50mm Ind. Bank 16" (400) Tube with Bracket/Silver	80C7367	152.44
XVPC02	50mm Ind. Bank 4" (100) Tube + Tulip Base/Black	80C7356	31.81
XVPC02W	50mm Ind. Bank 4" (100) Tube + Tulip Base/Off-White	80C7358	39.44
XVPC03	50mm Ind. Bank 10" (250) Tube + Tulip Base/Black	80C7359	46.91
XVPC03W	50mm Ind. Bank 10" (250) Tube + Tulip Base/Off-White	80C7361	31.81
XVPC04	50mm Ind. Bank 16" (400) Tube + Tulip Base/Black	80C7362	39.44
XVPC04W	50mm Ind. Bank 16" (400) Tube + Tulip Base/Off-White	80C7364	46.91
XVPC12	50mm Ind. Bank Wall Mounting Bracket/Black	80C7369	15.25
XVPC12W	50mm Ind. Bank Wall Mounting Bracket/White	80C7370	15.25
XVPCX13	50mm Ind. Bank Bulb Mounting and Removal Tool	80C7355	7.64

(72290)



XVB, XVP AND XVD SERIES INDICATING BANK LAMPS AND BULBS

LED lamps have an average life of 100,000 hours. Match color of LED lamp with lens color. Note: XVP Series indicating banks can use both versions of LED clusters, but only 5W and 7W incandescent bulbs.



SQUARE D
Schneider Electric

STEADY LED CLUSTERS

Mfg. Part No.	Voltage	Color	Stock No.	Price Each
DL1BDB1	24V	White	16C3144	80.74
DL1BDB3	24V	Green	16C3145	91.70
DL1BDB4	24V	Red	16C3146	80.74
DL1BDB6	24V	Blue	16C3147	91.70
DL1BDB8	24V	Orange*	16C3148	80.74
DL1BDG1	120V	White	16C3149	91.70
DL1BDG3	120V	Green	16C3150	91.70
DL1BDG4	120V	Red	16C3151	91.70
DL1BDG6	120V	Blue	16C3152	91.70
DL1BDG8	120V	Orange*	16C3153	91.70

FLASHING LED CLUSTERS

DL1BKB1	24V	White	86C7793	118.44
DL1BKB3	24V	Green	86C7794	118.44
DL1BKB4	24V	Red	86C7795	118.44
DL1BKB6	24V	Blue	86C7796	118.44
DL1BKB8	24V	Yellow/Amber*	86C7797	118.44
DL1BKG1	120V	White	86C7798	111.80
DL1BKG3	120V	Green	86C7799	118.44
DL1BKG4	120V	Red	86C7800	118.44
DL1BKG6	120V	Blue	86C7801	97.17
DL1BKG8	120V	Yellow/Amber*	86C7802	104.29

INCANDESCENT BULBS

Mfg. Part No.	Voltage	Wattage	Stock No.	Price Each
DL1BEB	24V	7W	16C3154	6.07
DL1BEB3	24V	5W	16C3155	5.22
DL1BEE	48V	7W	16C3156	6.89
DL1BEG	120V	7W	16C3157	6.89
DL1BEJ	12V	7W	16C3159	6.89
DL1BEM	230V	7W	16C3160	6.80
DL1BEMS	230V	5W	16C3161	5.15
DL1BLB	24V	10W	16C3162	6.07
DL1BLE	48V	10W	16C3163	6.89
DL1BLG	120V	10W	16C3164	6.89
DL1BLJ	12V	10W	16C3165	6.89
DL1BLM	230V	10W	16C3166	6.80

*Use orange lamp for orange and yellow lenses.
(59372)

7

**Tech
Info**



(94686)

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1872




Go online or call for non-compliant or



RoHS compliant products. See page 3

SIGNALING – STACKLIGHTS • SAFETY LIGHT CURTAINS



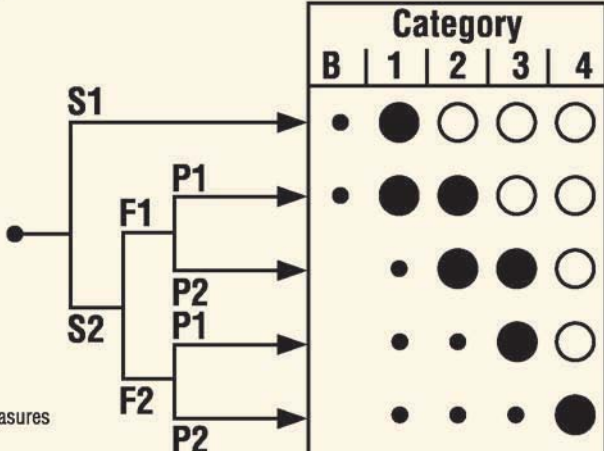
**PRODUCT
INFO**

RISK ASSESSMENT ACCORDING TO EN954-1

Category Assessment Table

S: Severity of Injury
S1: Slight (contusions, etc.)
S2: Serious (severed hand or foot, death, etc.)
F: Frequency of Exposure to Hazards
F1: Seldom and/or exposure for a short time
F2: Frequent and/or exposure for a long time
P: Possibility of Avoiding the Hazard
P1: Possible under certain conditions
P2: Scarcely possible

● Preferred categories for reference points
● Possible categories which can require additional measures
○ Measures which can be oversized for the relevant risk



Category					
B	1	2	3	4	
●	●	○	○	○	
●	●	●	○	○	
	●	●	●	○	
	●	●	●	○	
	●	●	●	○	

(68734)

TYPE 4 SINGLE
BEAM LIGHT
CURTAIN

Honeywell
Sensing and Control

Designed to detect the body of an operator on approach to a dangerous zone. Beam de-energizes the output contacts. Quick disconnect. Permanent self-checking. Approved for Type 4 safety applications. Outputs: 2 safety relays with guided contacts. Sealing: Meets NEMA enclosure type 6 and IEC enclosure IP 67. Includes an emitter, receiver and 2 standard brackets.

Mfg. Part No.	Description	Stock No.	Price Each
FF-SPS44QRE	131' (40m) Scan Range, 120VAC	18C2400	2068.36
FF-SPS44QR2	131' (40m) Scan Range, 24VDC	18C2401	2509.26
FF-SPS47QRE	246' (75m) Scan Range, 120VAC	18C2402	2162.71
FF-SPS47QR2	246' (75m) Scan Range, 24VDC	18C2403	2601.78
FFSPZ01MIR	Wall Mount Deflection Mirror	38B5710	430.02

(59578)

FF-SYB SERIES SAFETY
LIGHT CURTAINS

Honeywell
Sensing and Control



Features:

- 1 or 2-beam floating blanking
- Manual or automatic restart
- External Device Monitoring (EDM)
- 2 or 4 inputs for muting signals
- Manual muting override
- Input for serial connection of an auxiliary safety device
- Unique configuration cards for quick set-up and easy replacement
- Self-contained with optical synchronization
- 2 static (solid state) safety outputs with short-circuit and cross-fault detection

Specifications:

- 24VDC supply voltage
- Resolutions available: 30mm / 1.2in for hand detection
- Protection height up to 1830mm / 72in

- Muting lamp/diagnosis output or static (solid state) non-safety output for signaling
- Selection of the infrared emission power allows cross-talk reduction
- Enhanced diagnostic information includes the following indication: signal strength, cross-talk, muting, blanking, restart and failure diagnostic
- Test input with selectable test input type
- Safety relay modules for more switching capability (to be ordered separately)

- Scanning range up to 20m / 65ft
- M12 connectors
- Mounting brackets included allowing multiple mounting positions

Honeywell FF-SYB series light curtains are in compliance with IEC/EN 61496 and meets the requirements for a Type 4 Active Optoelectronic Protective Device, the highest level for safety products. It meets the applicable parts of North American standards and regulations (OSHA 1910.212, OSHA 1910.217, ANSI standards including ANSI RIA 15.06 for Control Reliability and CSA Z434). Mfg. part no. FF-SRE60292 optional interface control module is designed for fail-safe static outputs at 24VDC. 22.5mm slim housing. Output: 4 NO contacts and 2 NC contact. Switching current from 10mA to 5A.

Mfg. Part No.	Resolution (mm)	Number of Beams	Protected Height (mm)	Stock No.	Price Each
FF-SYB30032M2	30	16	1.53" (350)	71J3903	1364.16
FF-SYB30048M2	30	24	20.09" (510)	71J3904	1584.99
FF-SYB30064M2	30	32	26.3" (670)	71J3905	1841.62

➤ CONTINUED ➤

FF-SYB SERIES SAFETY LIGHT CURTAINS (CONT.)

Mfg. Part No.	Resolution (mm)	Number of Beams	Protected Height (mm)	Stock No.	Price Each
FF-SYB30080M2	30	40	32.7" (830)	71J3906	2099.96
FF-SYB30096M2	30	48	39.0" (990)	71J3907	2322.49
FF-SYB30112M2	30	56	45.3" (1150)	71J3908	2592.76
FF-SYB30128M2	30	64	51.6" (1310)	71J3909	2812.73

ACCESSORIES

Mfg. Part No.	Description	Stock No.	Price Each
FF-SRE60292	Interface Control Module	64K2373	143.48

(85738)

EZ SCREEN SAFETY LIGHT CURTAIN



- Easy to use, advanced and affordable
- Two piece design complies with Cat4/Type4
- Compact robust housing 36mm x 45mm
- Trip/latch safety outputs (24VDC @ 500mA)
- Fixed blinking and reduced resolution
- Zone indicators identify blocked beams
- Numeric display for intuitive diagnostics
- Common cables allow "Swappable" hookup

Flexible mounting from ends or sides. Conveniently sets up without a PC, external devices or disassembly. Point-of-operation for finger or hand detection (14mm or 30mm models). +24VDC supply voltage. Order two cables per system, and one interfacing module (optional).

SAFETY LIGHT CURTAINS

Mfg. Part No.	Resolution	Number of Beams	Range	Protected Height	Stock No.	Price Each
SLSP14-300Q88	14mm	40	6m	300mm	30K6991	1405.25
SLSP14-450Q88		60	6m	450mm	30K6992	1762.95
SLSP14-600Q88		80	6m	600mm	30K6993	2120.65

➤ CONTINUED ➤

WARNING & SAFETY

● Indicates RoHS Compliant

SAFETY LIGHT CURTAINS • RELAYS – SAFETY

EZ SCREEN SAFETY LIGHT CURTAIN (CONT.)

Mfg. Part No.	Resolution	Number of Beams	Range	Protected Height	Stock No.	Price Each
SLSP30-300Q88	30mm	20	18m	300mm	30K6995	1073.10
SLSP30-600Q88		40	18m	600mm	30K6996	1686.30
SLSP30-900Q88		60	18m	900mm	30K6997	2299.50
SLSP30-1200Q88		80	18m	1200mm	30K6994	2912.70

ACCESSORIES

Mfg. Part No.	Description	Stock No.	Price Each
QDE-815D	5m Cable (8-pin M12)	99H1043	19.42
QDE-825D	8m Cable (8-pin M12)	99H1044	24.53
IM-T-9A	Interfacing Module — 3NO redundant output 6A contacts	20H8976	121.62
IM-T-11A	Interfacing Module — 2NO redundant output 6A contacts, plus 1NC auxiliary contact	20H8975	121.62

(84777)

SAFETY LIGHT CURTAINS



OMRON SCIENTIFIC TECHNOLOGIES, INC.

- Operates Independently or as Part of Existing Safety Systems
- Can Be Used in Category 2, 1, or B (as Defined by European Standard EN954-1)
- Optical-Axis Pitch: 30mm
- Supply Voltage Vs: 24VDC ±20%
- Output: 2 PNP Transistor Safety Outputs, Load Current 200mA max. Plus 1 PNP Instability Status Output
- Detection Distance: 0.3-5.0m



Type 2 safety design is suitable for detecting human presence in hazardous areas. Includes emitter and receiver stacks and mounting brackets. CE compliant, TÜV approved.

Mfg. Part No.	No. of Beams	Protective Height	Stock No.	Price Each
F3S-B122P	12	300mm	29C7910	1373.69
F3S-B182P	18	450mm	29C7916	1545.55
F3S-B242P	24	600mm	29C7918	1717.42

ACCESSORIES

Mfg. Part No.	Description	Stock No.	Price Each
F39-JB1A	3m Extension Cable (Set of 2)	29C7927	148.66
F39-EU1E	Programming Software	29C7934	835.89

(68743)

SAFETY RELAYS



- IP40 for casing, IP20 for terminals
- Emergency stop and moving guard monitoring functions
- Self-checking redundancy concepts
- Return loop for connection of external contactors

Safety relays interface between emergency push-buttons, limit switches, pressure mats, sensors, and contactors. Redundancy and self checking make Level 4 safety in accordance with EC European Standard EN 954-1 and the European Machinery Directive 89/392/EC. Extension modules are available to provide additional safety output contacts; *go online or call*.



Mfg. Part No.	Safety Level	No. of Safety/Aux. Contacts	Width (mm)	Operating Voltage	Stock No.	Price Each
85100036	3	3S/1A	22.5	24VAC/VDC	17M8524	160.73 146.68
85100037	3	3S/1A	22.5	80-260VAC	94B6735	161.96 147.81
85100436	4	3S/1A	45	24VAC/VDC	94B6765	205.88 188.56

(2987)

SAFETY RELAYS



OMRON SCIENTIFIC TECHNOLOGIES, INC.

- 45mm Wide for Emergency-Stop and 2-Hand Control Circuit
- Adjustable 'OFF-Delay' Time
- Positive, Force-Guided Contacts
- DIN-Rail Mounting and Panel Mounting
- UL Recognized, CSA Certified, VDE Approved, CE Compliant



Mfg. Part No.	Contacts	Description	Input Channels	Stock No.	Price Each
● G9SA-301	3PST-NO/SPST-NC	Emergency-Stop Unit	1 or 2	29C7715	305.59 291.63
● G9SA-501	6PST-5NO/1NC	Emergency-Stop Unit	1 or 2	29C7717	378.64 361.34
● G9SA-321-T15	4PST-3NO/1NC	Emergency-Stop Unit with OFF-Delay Timer	1 or 2	29C7716	506.47 483.33

(68370)

5A SAFETY RELAYS



OMRON SCIENTIFIC TECHNOLOGIES, INC.

- Ultra Slim 17.5mm Width; DIN Rail Mount
 - Available in 2-Pole or 3-Pole
- Rated voltage: 24VAC/VDC. Power consumption: 1.4VA/1.4W max. Input current: 25mA max. Contact load current: 250VAC, 5A. Contact resistance: 100mΩ (1A @ 5VDC). Operating time: 30ms max. Response time: 10ms max. Units shown have 2-pole, DPST-NO contacts. 3-pole units with 3PST-NO contacts, SPST-NC auxiliary contact, 22.5mm width also available; *go online or call*. UL listed, CSA certified, CE compliant.



Mfg. Part No.	Channels	Reset Mode	Input Type	Stock No.	Price Each
G9SB-2002-A	2 Channels	Auto	Inverse	73C0805	198.69
● G9SB-200-B	1 or 2 Channels	Auto	+ Common	73C0803	198.69
● G9SB-2002-C	2 Channels	Manual	Inverse	73C0806	198.69
● G9SB-200-D	1 or 2 Channels	Manual	+ Common	18M7363	198.69

(72183)

SAMOS MODULAR SAFETY SYSTEM



Just Added

Features:

- Combines all the safety sensors that monitor your machine
- No programming software required - set functions with a screwdriver
- Predefined function blocks for monitoring emergency stop, position switches, two-hand switches and light barriers
- Create dependent/independent safety zones with safe logical functions
- Offers comprehensive field bus diagnosis via optional bus coupler modules for Profibus-DP, CANopen and DeviceNet

Specifications:

- Rated voltage: 24VDC
- Operating temperature: -25°C to 55
- Safety Category 4, EN954-1, SIL3, Stop Category 0 or 1
- IP40/IP20 rated

Mfg. Part No.	Description	Stock No.	Price Each
● R1.180.0020.0	Base module, Master, Release delay: 0 to 50s	86K3629	410.51
● R1.180.0050.0	Base module, Slave, Release delay: 0 to 50s	86K3632	410.51
● R1.180.0070.0	Input module, 2x4 inputs, 2x10 input functions	86K3634	410.51
● R1.180.0080.0	Relay output module, 2x2 relay outputs	86K3635	578.25
● R1.180.0090.0	Bus coupler module, Field bus Profibus-DP	86K3636	767.72
● R1.180.0350.0	Bus coupler module, Field bus DeviceNet	39M5159	1023.63

(91225)

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(94660)

SWITCHES – CABLE PULL • SWITCHES – EXPLOSION PROOF • SWITCHES – SAFETY INTERLOCK

CPS SERIES CABLE PULL
SAFETY SWITCHES

Honeywell

Sensing and Control



1CPS



2CPS

Features:

- Rugged zinc die-cast housing
- Longest span available from single device
- Can detect both cable pulled and broken/slack
- Large terminal cavity can be used to marshal cable
- High visibility lamp versions assist operations in locating tripped switch

Specifications:

- Normally closed contacts direct opening
- 1/2" NPT conduit termination
- Agency approvals EN60947-1, EN-60947-5-1, EN-60947-5-5
- Operating temperature: -25°C to +85°C [-13°F to 185°F]

SWITCHES

Mfg. Part No.	Circuitry	Indicator	Stock No.	Price Each
				1-14
● 1CPSA1	DPST-1NO/1NC	None	53K5916	151.66
● 1CPSA1B	DPST-1NO/1NC	120V LAMP	05M2262	167.96
● 1CPSA3B	4PST-3NC/1NO	120V LAMP	83H2417	187.91
● 1CPSA2	4PST-2NC/2NO	None	83H2412	171.82
● 1CPSA2A	4PST-2NC/2NO	24V LAMP	05M2263	187.91
● 1CPSA2B	4PST-2NC/2NO	120V LAMP	05M2264	187.91
● 2CPSA1A1	4PST-2NC/2NO	None	86C3862	346.77
● 2CPSA1A1B	4PST-2NC/2NO	120V LAMP	86C3864	404.70

ACCESSORIES

Mfg. Part No.	Description	Stock No.	Price Each
			1-14
● CLSZC4	Cable - 150 ft.	38B4491	177.70
● CLSZC7	Cable - 250 ft.	85C6728	290.78
● CPSZ1S	Draw-bar Endspring	85C6774	12.19
● CPSZK1*	Hardware Packet	04M8717	65.90
● CPSLED24	24V LED Accessory	83H2409	74.56
● CPSLED120	120V LED Accessory	83H2408	74.56
● CPS-BRACKET	Mounting Bracket	73K0923	23.00

* Hardware Packet includes (1) J-hook turnbuckle with lock nuts, (2) thimbles, (2) low-profile duplex cable clamps, (16) sets of cable supports, (16) 1/4-20 eye bolts, (32) 1/4-20 nuts, (32) flat washers, (16) lock washers. (77679)

XY2-CE CABLE
PULL SWITCHSQUARE D
Schneider Electric

- Utilized in Conveyor Systems or Large Machinery, Cable is Stretched between the Switch and Anchor, Providing a Means of Stopping a Motor along Any Point of the Cable
- Temperature Range: -25° to +70°C
- Mechanical Life of 10,000 Operations
- Rated 10A, 300VAC
- 165' (50m) Cable Pull
- 3 x 1/2" NPT Cable Entry
- N.O. + N.C., Booted Pushbutton
- UL Recognized, CSA Certified, CE Compliant



Mfg. Part No.	Description	Stock No.	Price Each
XY2-CE1A250	Right Cable Mount	96F1945	449.94
XY2-CE2A250	Left Cable Mount	96F1947	449.94

(2732)

EXPLOSION-
PROOF SWITCHES

EX series explosion-proof switches have smallest UL listed housings for hazardous locations. Meet NEMA 1, 7 and 9. Housing mounts from 4 sides. Switches with 3 suffix in mfg. part no. have 0.91M (3-foot) lead wire. Body is 3.66L x 2.02W x 2.56"H. O.F. = operating force. O.T. = overtravel.



EX-AR

Honeywell

Sensing and Control



Mfg. Part No.	Current Rating (A)	Actuator	Circuitry	O.F. (lbs.)	O.T.	Stock No.	Price Each
							1-4
● EXD-AR-3	10	CCW Roller Lever	DPDT	0.5-1.5	25°	23F5084	254.04
● EX-AR	15	CW Roller Lever	SPDT	0.5-1.25	90°	23F5075	181.67

➤ CONTINUED ➤

EXPLOSION-PROOF SWITCHES (CONT.)

Mfg. Part No.	Current Rating (A)	Actuator	Circuitry	O.F. (lbs.)	O.T.	Stock No.	Price Each
● EX-AR30	15	CW Roller Lever	SPDT	2.5	25°	23F5077	186.80
● EX-Q	15	Over Travel Plunger	SPDT	3	0.188"	04M9040	181.67

(2953)

LSX GLOBAL SAFETY SWITCHES



Honeywell

Sensing and Control



Features:

- Explosion proof product (designed to contain an ignition inside the enclosure)
- Designed to cope with outdoor use
- Rugged product for tough jobs
- Based on the highly respected HDLS design
- Internal grounding screw

Specifications:

- NEMA/UL 1, 3, 4, 6, 7 (Class 1, Division 1, groups B, C, D), 9 (Class 2, Division 1, Groups E, F, G), 13
- 10A continuous carry electrical rating
- UL listed, file #E61730
- CSA certified, file #LR57327
- -12°C to 121°C [10°F to 250°F]
- Lever not included, except where noted
- Use only nylon rollers or other non-sparking material; order separately on page 1598



Just Added

Mfg. Part No.	Actuator Style	Circuitry	Conduit	Stock No.	Price Each	
					1-14	15-24
● LSXA3K	Side Rotary	SPDT-1NO/1NC	1/2" NPT	53K5757	164.38	152.72
● LSXM4N	Side Rotary	DPDT-2NO/2NC	3/4" NPT	23F4843	208.41	191.14
● LSXA4L	Side Rotary	DPDT-2NO/2NC	3/4" NPT	53K5758	183.68	170.64
● LSXA3K1A	Side Rotary	SPDT-1NO/1NC	1/2" NPT	39B063	173.91	161.57
● LSXC3K	Top Plunger	SPDT-1NO/1NC	1/2" NPT	39B091	179.96	167.19
● LSXYAB3K	Low Temp Side Rotary	SPDT-1NO/1NC	1/2" NPT	39B141	177.17	164.60

(90377)

BX GLOBAL EXPLOSION
PROOF SWITCHES

Honeywell

Sensing and Control



Features:

- Explosion proof product (designed to contain an ignition inside the enclosure)
- Designed to cope with outdoor use
- Rugged product for tough jobs
- Based on the highly respected HDLS design
- Internal grounding screw

Specifications:

- ATEX approved
- NEMA/UL 1, 3, 4, 6, 7 (Class 1, Division 1, Groups B, C, D), 9 (Class 2, Division 1, Groups E, F, G), 13
- EExd IIC T6 category II 2 GD, (SIRA) ATEX 1037X
- 10A continuous carry electrical rating
- UL file E61730
- CSA file LR57327
- -40°C to 70°C (-40°F to 158°F)



Just Added

Mfg. Part No.	Actuator Style	Circuitry	Conduit	Stock No.	Price Each	
					1-4	5-9
● BXC3K	Top Plunger	SPDT-1NO/1NC	1/2" NPT	71J3449	204.41	189.36
● BXA3K	Side Rotary	SPDT-1NO/1NC	1/2" NPT	85C6607	181.91	168.52
● BXA4L	Side Rotary	SPDT-1NO/1NC	3/4" NPT	85C6608	212.30	196.67

(90376)

24CE/924CE SERIES
MINIATURE SAFETY
ELECTROMECHANICAL
SWITCHES

Specifications:

- Operating temperature: 0°C to +105°C
- Sealed to IP66 specifications
- Mechanical life: 10 million operations
- IEC/EN 60947-5-1-3



Honeywell

Sensing and Control



Mfg. Part No.	Actuator	Cable Length (ft.)	Contacts*	Stock No.	Price Each
● 924CE16S3	Side Rotary	3	SPST-NC-BBM	05M3053	115.18
● 924CE1-S3	Top Pin Plunger	3	SPST-NC-BBM	97B4551	88.67
● 924CE1T3A	Top Pin Plunger	3	SPST-NC-MBB	40B1069	90.18
● 924CE18-S6	Top Pin Plunger	6	DPST-1NO/1NC	05M3055	106.19
● 924CE2S3	Top Roller Plunger, parallel	3	SPST-NC-BBM	05M3056	99.16
● 924CE2T3	Top Roller Plunger, parallel	3	SPST-NC-MBB	40B1089	99.16

➤ CONTINUED ➤

WARNING & SAFETY

● Indicates RoHS Compliant

SWITCHES – SAFETY INTERLOCK • SWITCHES – SAFETY LIMIT • SWITCHES – COMPACT LIMIT

24CE/924CE SERIES MINIATURE SAFETY ELECTROMECHANICAL SWITCHES (CONT.)

Mfg. Part No.	Actuator	Cable Length (ft.)	Contacts*	Stock No.	Price Each
● 924CE31S6	Top Roller Plunger, parallel	3	SPST-NC-BBM	05M3057	133.25
● 924CE3S3	Top Roller Plunger, perpendicular	3	SPST-NC-BBM	40B1094	99.16

*BBM = Break Before Make Contacts; MBB = Make Before Break Contacts (80244)

GSS HINGE OPERATED SAFETY LIMIT SWITCHES

Features:

- Designed to detect if door is opened
- Simple mounting and implementation
- 1NC/1NO and 3NC/1NO switching options
- Lever to right, center and left (door closed position)
- Available as glass filled polyester body (double insulated: No grounding required) or metal body

Specifications:

- 1NC/1NO and 3NC/1NO (positive break on NC contacts)
- IP66, NEMA 1, 12, 13, EN60529
- UL, CSA, CE, IEC 947-5-1, EN60947-5-1
- 25°C to 85°C [-13°F to 185°F]



Honeywell
Sensing and Control



Just Added

PLASTIC BODY

Mfg. Part No.	Circuitry	Actuator	Conduit	Stock No.	Price Each
● GSDA01S1	DPST-1NO/1NC	Center to Left	1/2" NPT	71J4490	50.93
● GSDA01S2	DPST-1NO/1NC	Center to Left or Right	1/2" NPT	23M2469	50.93
● GSDA01S3	DPST-1NO/1NC	Center to Right	1/2" NPT	23M2470	50.93

METAL BODY

● GSEA46S1	4PST-3NC/1NO	Center to Left	1/2" NPT	85C8785	88.20
● GSEA46S2	4PST-3NC/1NO	Center to Left or Right	1/2" NPT	85C8786	88.20
● GSEA46S3	4PST-3NC/1NO	Center to Right	1/2" NPT	85C8787	88.20

(89849)

GSS SERIES GLOBAL SAFETY SWITCHES



Honeywell
Sensing and Control



Just Added

Specifications:

- 2NC/2NO (Positive break on NC contacts)
- 1/2" NPT conduit
- Operating temperature: -25°C to 85°C [-13°F to 185°F]
- IP67, NEMA 1, 4, 12, 13, EN60529
- UL, CSA, CE, IEC 947-5-1, EN60947-5-1
- Models with 10mm conduit thread also available; go online or call

Features:

- Designed to detect if door is opened
- Simple mounting and implementation
- Metal bodied product
- Safety red coloring

Mfg. Part No.	Circuitry	Actuator	Stock No.	Price Each
● GSAA20A1B	4PST-2NC/2NO	Fixed Lever Arm	38B6932	105.35 96.62
● GSAA20B	4PST-2NC/2NO	Pin Plunger	38B6933	95.57 87.65
● GSAA20C	4PST-2NC/2NO	Roller Plunger	38B6934	104.80 96.12
● GSAA20D	4PST-2NC/2NO	Roller Lever Arm	38B6935	100.46 92.13

(89692)

D4DH SERIES HINGED SAFETY DOOR SWITCH



OMRON

OMRON SCIENTIFIC TECHNOLOGIES, INC.



- 4-Position Head
- 10A Slow-Acting Contacts, 600VAC
- IP65 Enclosure Rating
- 1/2-14NPT Conduit Connection

NC contacts are positive opening. 3.09 x 1.22 x 1.18". UL listed, CE compliant.

Mfg. Part No.	Description	Contacts	Stock No.	Price Each
D4DH-3ABC	Arm Lever Actuator	2 N.C.	48F1120	94.66
D4DH-35AS	Shaft Actuator	1 N.C./1 N.O.	48F1121	69.33
D4DH-35BC	Arm Lever Actuator	1 N.C./1 N.O.	48F1122	70.92

(89755)

GENERAL-PURPOSE SAFETY LIMIT SWITCHES



OMRON

OMRON SCIENTIFIC TECHNOLOGIES, INC.

- Miniature Safety Limit Switch



Compact, economical, plastic-body switch features direct-opening action mechanism that forcibly opens contacts to assure accurate switching. 1 set of DPDT contacts: NC for safety circuit and NO for control circuit. Meets NEMA enclosure types 3, 4, 6P and IEC enclosure IP65(EN60529 and EN50047) classification. 4-position turret head for flexibility to fit special applications. Rated load: 10A, 125/250VAC. For 1/2-14NPT conduit. Operating temperature: -30°C to +70°C. UL listed, CSA certified, CE compliant, TUV approved.

Mfg. Part No.	Actuator	Contacts	Conduit	Stock No.	Price Each
D4N2120	Roller Lever	1 NC + 1 NO	G 1/2	80K1536	41.03
● D4N312G	Adjustable Roller Lever	1 NC + 1 NO	PG 13.5	80K1539	39.21
● D4N3132	Roller Plunger	1 NC + 1 NO	PG 13.5	80K1541	34.48
D4N3262	One-Way Roller Arm Lever (Vertical)	1 NC + 1 NO	PG 13.5	80K1543	33.14
D4N312H	One-Way Action (Horizontal) Arm Lever	1 NC + 1 NO	PG 13.5	30M9377	49.94

(34090)

75mm AND 90mm FLAT PACK SAFETY INTERLOCK SWITCHES



more sensors, more solutions

- Actuator Head May Be Rotated 180° to Create Four Possible Actuator Engagement Locations
- Contact Rating: 10A @ 24VAC, 10A @ 110VAC, 6A @ 230VAC, 6A @ 24VDC
- Contact Material: Silver-Nickel Alloy
- Glass Fiber-Reinforced Polyamide Thermoplastic Housing has UL94-V0 Rating
- Environmental Rating IEC IP65
- Operating Temperature: -30°C to +80°C (-22°F to +176°F)
- CE and CSA Certified



Mfg. Part No.	Contacts	Stock No.	Price Each
SI-QS75MFC	One N.O.	02H7574	71.54
SI-QS90MFF	Two N.C. and One N.O.	02H7575	91.98

(74186)

Talk to our team of engineers.

Chat live online with our expert technical team or connect to them by phone. Go online or call us today.

(94668)

SWITCHES – SAFETY INTERLOCK

EMERGENCY STOP SAFETY MODULES



- Monitors Normally-Closed Emergency Stop Switch Circuit for Contact Failure or Wiring Fault
- Input Monitoring Circuit Uses Diverse-Redundant Design
- Multiple Redundant Output Switching Channels for Connection to Control-Reliable Power Interrupt Circuits
- Rated 24VDC, Except Mfg. Part No. ES-FA-9AA: 24VAC/VDC
- Housing Width: 22.5mm, Except Type ES-TN-1H5: 45mm

Mfg. Part No.	Safety Output Configuration	Stock No.	Price Each
ES-FA-9AA	E-stop/gate monitoring module, 1- or 2-channel input, 3 redundant (forced-guided) contacts, 6A each, 22.5mm	02H6515	162.50
ES-UA-5A	E-stop/gate monitoring module, 1- or 2-channel input, 4 redundant (forced-guided) contacts, 1 NC AUX output, 6A each, 45mm	20H6285	235.06
ES-TN-1H5	E-stop module with 2 immediate and 2 delayed (0-20s) redundant (forced-guided) contacts, 1- or 2-channel input, 6A each, 45mm	02H6517	383.25
GM-FA-10J	Magnetic (gate) monitoring module, 1- or 2-channel input (see SI-MAGxx), 2 redundant (forced-guided) contacts, 6A each, 22.5mm	02H6596	254.48
ATGMK-VP6	Two-hand control kit with 2 STBVP6 (2 m cable), 4 redundant (forced-guided) contacts, 1 N.C. AUX output, 6A each, 45mm	20H0871	432.31
EM-T-7A	Extension module, 4 redundant (forced-guided) contacts, 6A each, 22.5mm	02H6503	111.40

SENSORS

Mfg. Part No.	Description	Stock No.	Price Each
SI-MAG1SM	Magnet sensor, switching distance 3-14mm; 10-ft cable	21H7935	60.30
SI-MAG1MM	Coded magnet, switching distance 3-14mm; 10-ft cable	21H7932	15.33

(74185)

GKL SERIES DUAL KEY ENTRY SOLENOID KEY-OPERATED SAFETY INTERLOCK SWITCHES



Honeywell

Sensing and Control

Features:

- Rugged zinc die cast housing
- Designed to trap and hold key until hazard has been removed
- "Power to unlock" mechanism
- Manual override access in case of power failure
- 90° angle key actuator included

Specifications:

- Gold plated over silver contacts cope with wide range of voltage and currents
- 2NO/2NC (Key) and 2NO/2NC (Locking mechanism)
- Positive break on NC contacts
- IP68, NEMA/UL 1, 4, 6P, 12, 13
- IEC 947-5-1, EN60947-5-1



Mfg. Part No.	Head Position	Solenoid Voltage	Stock No.	Price Each
● GKLE44L7A4	Left	120VAC	48F6920	514.88

ACCESSORIES

Mfg. Part No.	Description	Stock No.	Price Each
● GKZL2	Lockout Device	48F2829	38.45

(33999)

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(94635)

GK SERIES DUAL KEY ENTRY KEY-OPERATED SAFETY INTERLOCK SWITCHES

Features:

- Rugged zinc die cast housing (standard mountings)
- Designed to detect if key inserted or removed
- Top and front key entry
- Resistant to vibration, sag and other false positives
- Key actuator included

Specifications:

- 3NC/1NO (Positive break on NC contacts)
- 1/2" NPT conduit
- IP67, NEMA/UL 1, 4, 12, 13
- IEC 947-5-1, EN60947-5-1

SAFETY INTERLOCK SWITCHES

Mfg. Part No.	Current Rating (A)	Circuitry	Actuator	Stock No.	Price Each
● GKBA16L6	6	4PST-3NC/1NO	Key Actuator	53K5729	130.60
● GKBA16L7	6	4PST-3NC/1NO	90° Key Actuator	48F2826	130.60
● GKBA16L9	6	4PST-3NC/1NO	Side-Side Spring-Loaded Key Actuator	48F2828	161.28
● GKBA16L8	6	4PST-3NC/1NO	Up-Down Spring-Loaded Key Actuator	04M9400	161.28

ACCESSORIES

Mfg. Part No.	Description	Stock No.	Price Each
● GKZL2	Lockout Device	48F2829	38.45

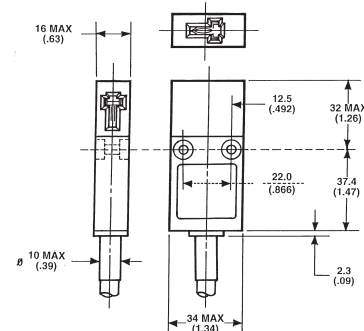
(3545)

GKM SERIES MINIATURE SAFETY KEY INTERLOCK SWITCHES



Honeywell

Sensing and Control



Specifications:

- 1NC/1NO and 2NC (Positive break on NC contacts)
- Cable and connector styles (Microchange DC style M12, 4-pin with external threads/male) on page 1002
- -25°C to 85°C [-13°F to 185°F]
- IP66; NEMA/UL 1, 12, 13
- IEC 947-5-1, EN60947-5-1

Features:

- Designed to detect if key is inserted or removed
- Glass filled polyester body
- Top and front key entry
- Straight and 90° keys sold separately on this page
- Miniature footprint: 2.730" x 1.375" x 0.630"

Mfg. Part No.	Circuitry	Description	Stock No.	Price Each	2-4
● GKMA33	DPST-1NO/1NC	Side Exit Cable, 3m	94C0870	65.49	59.83
● GKMA36	DPST-2NC	Side Exit Cable, 3m	20M7545	65.49	59.83
● GKMB33	DPST-1NO/1NC	Bottom Exit Cable, 3m	94C0872	65.49	59.83
● GKMB36	DPST-2NC	Bottom Exit Cable, 3m	20M7581	65.49	59.83
● GKMD03	DPST-1NO/1NC	Bottom Exit Connector	17M9295	77.76	71.03

KEYS

Mfg. Part No.	Description	Stock No.	Price Each	15-24
● GKZ51M	Straight Key	83F5728	17.15	15.67
● GKZ52M	90° Angle Key	15M0241	17.15	15.67

(28877)

SWITCHES – SAFETY INTERLOCK

GKE SERIES DUAL ENTRY
KEY-OPERATED SAFETY
INTERLOCK SWITCHES

Just Added

Honeywell
Sensing and Control

Features:

- Designed to detect if key is inserted or removed
- Glass filled polyester body
- Top and front key entry
- Miniature footprint: (3.63" x 1.2")
- Straight and 90° keys available sold separately below

Specifications:

- 1NC/1NO and 2NC (Positive break on NC contacts)
- 25°C to 85°C [-13°F to 185°F]
- IP66; NEMA/UL 1, 12, 13
- CCC, IEC 947-5-1, EN60947-5-1



Mfg. Part No.	Circuitry	Conduit	Stock No.	Price Each	
				1-14	15-24
● GKEA03L	DPST-1NO/1NC	1/2" NPT	20M6916	36.08	34.78
● GKEA06L	DPST-2NC	1/2" NPT	20M6932	36.08	34.78

KEYS

Mfg. Part No.	Description	Stock No.	Price Each	
			1-14	15-24
● GKZ51M	Straight Key	83F5728	17.15	15.67
● GKZ52M	90° Angle Key	15M0241	17.15	15.67

(89714)

GKN SERIES SAFETY
INTERLOCK SWITCH

Honeywell



Features:

- Designed to detect if key is inserted or removed
- Glass filled polyester body
- Key entry from 2 top, 1 front and 1 rear points
- Straight and 90° keys available; sold separately below

Specifications:

- 2NC/1NO and 3NC (Positive break on NC contacts)
- Standardized footprint: 2.08" x 3.54" x 1.18"
- 25°C to 85°C [-13°F to 185°F]
- IP67; NEMA 1, 4, 12, 13
- CCC, IEC 947-5-1, EN60947-5-1



SAFETYLOCK SWITCHES

Mfg. Part No.	Circuitry	Conduit	Stock No.	Price Each	
				1-4	
● GKNA21+	3PST-2NC/1NO	1/2 NPT	20M7634	48.82	
● GKNA30+	3PST-NC	1/2 NPT	20M7652	48.82	

* Brake before make. + Make before break

KEYS

Mfg. Part No.	Description	Stock No.	Price Each	
			1-14	
GKZ41	Straight Key	21M5501	5.52	
GKZ42	90° Angle Key	21M5505	5.52	

(84758)

GKS SERIES TRAPPED KEY
SAFETY INTERLOCK SWITCHES

Features:

- Holds door closed while hazard still present
- Glass filled polyester body
- Uses "Power to Unlock" scheme
- Manual over-ride mechanism in case of power failure
- 3 conduits for simplicity of cabling
- Key not included; order separately below

Specifications:

- 3NC/1NO (Positive break on NC contacts)
- 100Kg (220lbs) max hold force
- Locking Principal: Power to Unlock
- Head orientation: Front
- 25°C to 50°C [-13°F to 122°F]
- IP67; NEMA 1, 4, 12, 13, EN60529
- CCC, IEC 947-5-1, EN60947-5-1

Honeywell
Sensing and Control

Just Added

Mfg. Part No.	Circuitry	Conduit	Solenoid Voltage	Stock No.	Price Each	
					1-14	
GKSA46LA2	4PST-3NC/1NO	1/2" NPT	24VDC	21M6002	87.92	
GKSA46LA5	4PST-3NC/1NO	1/2" NPT	110VAC	21M6024	87.92	
GKSA46LA6	4PST-3NC/1NO	20mm	230VAC	21M6041	104.40	

KEYS

Mfg. Part No.	Description	Stock No.	Price Each	
			1-14	
GKZS6	Straight Key	21M6031	4.44	
GKZS7	90° Angle Key	21M6039	4.44	

(89716)

SAFETY DOOR
INTERLOCKING
SWITCHES

HS6B



HS5B

- Direct opening action, conforming to EN60947-5-1
- IP67 protection
- Available in a variety of sizes, models and contact configurations meet all major requirements for machine safety

Interlock switches are a more reliable alternative to limit switches, providing additional security in potentially dangerous locations and ensuring that machinery will not start or operate unless conditions are safe. The **HS** series of interlock switches feature direct opening action, which forces the contacts to disconnect when the door or access gate is opened, even if the contacts have been welded or stuck. Body material: plastic housing. Direct opening travel: 8mm min. Direct opening force: 60N min. Mechanical life: 1 mil operations; electrical life: 100,000 operations at rated load. **Series HS6B** includes a 1 meter cable. **HS5B** conforms to: EN1088, IEC60947-5-1, EN60947-5-1 and GS-ET-5. **HS6B** conforms to: IEC60664-1, IEC60204-1, ISO14119, UL508, CSA 22.2 No.14 and IP67 (IEC60529).

SWITCHES

Mfg. Part No.	Max. Current (A)	Contact Configuration	Size (mm)	Stock No.	Price Each		
					1-9	10-24	25-49
● HS5B-02B	10	DPST-NC	30 x 30 x 91	14M8172	56.42	51.48	47.32
● HS5B-11B	10	SPST-NC, SPST-NC	30 x 30 x 91	17M6712	56.42	51.48	47.32
● HS6B-03B01	2.5	3PDT-NC	30 x 15 x 78	84C2836	80.34	76.44	72.54
● HS6B-12B01	2.5	SPST-NO, DPST-NC	30 x 15 x 78	14M8173	80.34	76.44	72.54

ACCESSORIES FOR HS5B

Mfg. Part No.	Description	Stock No.	Price Each		
			1-9	10-24	25-49
● HS9Z-A51	Straight Key	84C2845	9.88	9.01	8.29
● HS9Z-A52	90° Right Angle Key	84C2846	9.88	9.01	8.29

ACCESSORIES FOR HS6B

● HS9Z-A61	Straight Key	84C2848	7.06	6.44	5.92
● HS9Z-A62	90° Right Angle Key	84C2849	7.06	6.44	5.92
● HS9Z-A65	Flexible Key	92C3152	9.88	9.01	8.29

(72437)

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(94642)

SWITCHES – SAFETY INTERLOCK

SAFETY-DOOR SWITCHES



OMRON SCIENTIFIC TECHNOLOGIES, INC.

D4BS series safety switches automatically shut down machinery when switches are opened. Positive action switching assures contact opening even if contact welding occurs. Rugged die-cast housing is environmentally rated to IP67 (EN60529) and has 1/2"-14 NPT conduit openings. Four-way adjustable head allows versatile mounting. Rated: 10A @ 600VAC. Switch box conforms to CENELEC EN50041. Standard type dimensions: 4.4H x 1.57W x 1.6"D (112H x 63W x 41mmD). Meets IEC enclosure IP67 classification. UL listed, CSA certified, CE compliant, TUV approved.



SWITCHES

Mfg. Part No.	Description	Stock No.	Price Each
			1-14
● D4BS-35FS	1NC/1NO 1/2" 1NPT (1 Conduit)	18M7246	76.15
● D4BS-3AFS	2NC 1/2" 1NPT (1 Conduit)	52F4231	68.83

OPERATION KEYS

● D4BS-K1	Horizontal	18M7243	8.01
● D4BS-K2	Vertical	18M7244	9.18
● D4BS-K3	Adjustable	18M7245	28.47

(3031)

D4DS SERIES
MINIATURE SAFETY
DOOR SWITCHES

OMRON SCIENTIFIC TECHNOLOGIES, INC.

- 4-Position Head, Top and Side Entry
- 10A Slow-Acting Contacts, 400VAC
- IP65 Enclosure Rating
- 1/2"-14 NPT Conduit Connection

NC contacts are positive opening. 3.62H x 1.18W x 1.18"D. Keys ordered separately below. UL listed, CSA certified, CE compliant. IP65 certified.



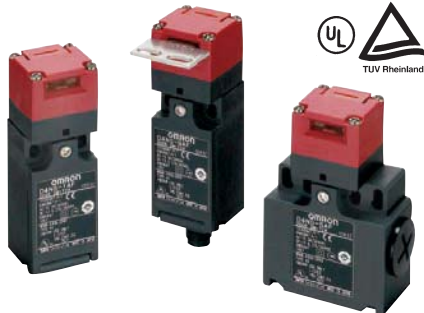
Mfg. Part No.	Description	Stock No.	Price Each
			1-14
● D4NS3AF	1 N.C./1 N.O. Switch	80K1527	52.92
● D4DS-K1	Horizontal Key	48F1125	6.96
● D4DS-K2	Vertical Key	48F1126	6.95
● D4DS-K3	Adjustable Horizontal Key	48F1127	20.74

(68752)

D4NS SERIES
SAFETY-DOOR
SWITCHES

OMRON SCIENTIFIC TECHNOLOGIES, INC.

- Bottom entry
- 10A slow-action contacts, 120-240VAC
- IP67 enclosure rating
- Industry standard switch box shape, size and mounting pattern
- 1/2"-14 NPT Conduit Openings or M12 connector



Slow-action safety limit switches permit four mounting directions, contacts rated 120-240VAC, 10A.

Mfg. Part No.	Contacts	Conduit/Connector	Stock No.	Price Each
				1-14
● D4NS9AF	1 NO/1 NC	M12	18M7251	99.10
● D4NS3CF	2 NC/1 NO	NPT	16M2424	49.05
● D4NS3DF	3 NC	NPT	16M2425	46.05

(88477)

D4BL SERIES
LOCKING SAFETY
DOOR SWITCHES

OMRON SCIENTIFIC TECHNOLOGIES, INC.

- Mechanical Lock, Solenoid Release
- 4-Position Head
- IP67 Enclosure Rating
- 10A Slow-Acting Contacts
- 1/2"-14 NPT Conduit Connection

1 NC/NO plus 1 NC contacts. NC contacts are positive opening. Dimensions: 4.86H x 1.82W x 4.41"D (123.5 x 46.3 x 112mm). Order keys separately below. UL recognized, CSA certified, CE compliant.



SWITCHES

Mfg. Part No.	Solenoid Voltage	Conduit	Stock No.	Price Each
				1-2
● D4BL-2CRA	24VDC	G1/2	18M7241	437.36
● D4BL-3CRA	24VDC	1/2-14NPT	18M7242	395.72
● D4BL-3CRB	110VAC	1/2-14NPT	52F4239	395.72

ACCESSORIES

Mfg. Part No.	Description	Stock No.	Price Each
			1-14
● D4BL-K1	Horizontal Key	18M7238	9.28
● D4BL-K2	Vertical Key	18M7239	18.40
● D4BL-K3	Adjustable Key	18M7240	28.77

(68754)

D4BS SERIES
STANDARD
SAFETY-DOOR
SWITCHES

OMRON SCIENTIFIC TECHNOLOGIES, INC.

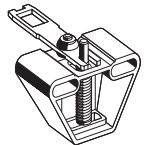
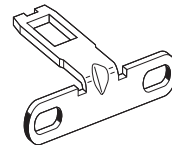
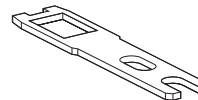
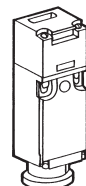
- 4-Position Head, Side Entry
- 10A Slow-Action Contacts, 600VAC
- IP67 Enclosure Rating
- Industry Standard Switch Box Shape, Size and Mounting Pattern
- 1/2"-14 NPT Conduit Openings

NC contacts are positive opening. 4.39 x 1.51 x 1.61". Order keys separately below. UL listed, CSA certified, CE compliant.



Mfg. Part No.	Description	Stock No.	Price Each
			1-14
● D4BS-35FS	DPDB-1NC/1NO Switch	18M7246	76.15
● D4BS-3AFS	DPDB-2NC Switch	52F4231	68.83
● D4BS-K1	Horizontal Key	18M7243	8.01
● D4BS-K2	Vertical Key	18M7244	9.18
● D4BS-K3	Adjustable Key	18M7245	28.47

(68753)

XCS SAFETY INTERLOCK
SWITCH AND KEYS

XCSPA593

XCSZ11

XCSZ12

XCSZ13

- Plastic, Double-Insulated, Turrethead 90° Increments throughout, 360°
- Conduit Entry Tapped 1/2" NPT
- Rated 10A, 300VAC
- Key and Switch are Designed to be Operated Only By One of the Dedicated Operating Keys
- UL Recognized, CSA Certified, CE Compliant

Mfg. Part No.	Description	Stock No.	Price Each
			1-14
XCSPA593	N.C. and N.O. Break Before Make, Slow Break	16B3220	86.92
XCSZ11	Straight Key	16B3227	6.99
XCSZ12	Perpendicular Key	16B3228	6.99
XCSZ13	Adjustable Key	16B3229	35.28

(2730)