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Electrical Products, Conduit & Trunking

Wiring Accessories

Compact Switch Socket Outlets

13 Amp Single Pole Surface Mounting



1 Gang: H=64, W=74, D=46. 2 GANG: H=64, W=133, D=46

- Ideal for mounting on narrow skirting or trunking where limited height would prohibit the use of a standard outlet
- Supplied with compact mounting box
- Approved to **BS1363 : 1984**

Housing: Urea Formaldehyde(White)



212143

	Mfrs. List No.	Order Code	1+	10+	20+
1 Gang	2959WHI.	107-719	20.69	17.73	16.11
2 Gang	2949WHI	107-720	36.02	30.69	28.35

Switch Socket Outlets, 13 Amp Single Pole Panel Mounting

107-723 1 Gang
Panel cut-out: H=48.4, W=68.2,
Corner radius=2.8,
Fixing centres=80.0,
Rear projection=23107-724 2 Gang
Panel cut-out: H=48.4, W=124.6,
Corner radius=2.8,
Fixing centres=136.0,
Rear projection=23

- Electrical connections are via brass screw terminals with either side or rear cable entry
- Supplied with 3.5 threaded eyelets and fixing screws
- Approved to **BS1363: 1984**

Housing Urea Formaldehyde(White)

Maximum panel thickness

2mm

212142

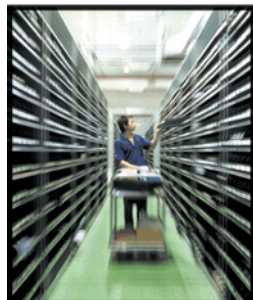
	Mfrs. List No.	Order Code	1+	5+	10+
1 Gang	2531WHI	107-723	26.59	22.71	20.58
2 Gang	2532WHI	107-724	45.93	39.21	35.52

Masterseal

MK Masterseal is a truly unique, **IP56** rated range of electrical accessories. The strongest feature of masterseal is a specially formulated gel which enables virtually any standard 13 amp plug to be safely used in the Masterseal socket and still maintain **IP56** integrity. Made from impact-resistant polycarbonate and tested well in excess of british standards. Masterseal will not discolour, crack, or fade in UV light.



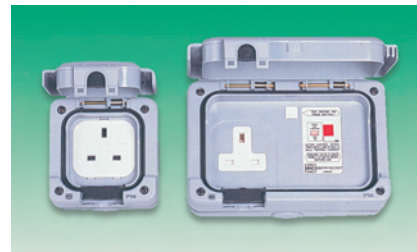
212017



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Sockets - IP56

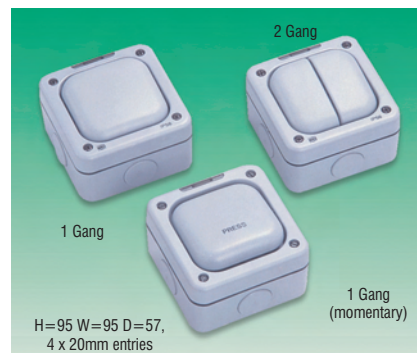
1 Gang Socket
H=95, W=95, D=80
2 Gang Socket
H=115, W=175, D=80
4 x 20mm entries1 Gang R.C.D.
H=115, W=175, D=80
5 x 20mm entries

- Accepts virtually any standard 13A plug
- 3 pin shutter only allows insertion of plug when all three pins present
- Sockets tested to last 30,000 operations (twice the British Standard)
- 30mA trip residual current version available offering full R.C.D. protection and mains power failure trip which prevents the sudden energisation of potentially dangerous machinery when the power resumes
- **IP56** Polycarbonate housing
- Conforms to **BS1363:1984**

212018

	Mfrs. List No.	Order Code	1+	5+	10+	+
1 gang	56480	530-773	60.92	56.37	55.73	--
2 gang	56481GRY	650-262	109.70	101.62	--	--
1 gang R.C.D	56301	530-785	254.34	243.29	--	--

Switches 10 Amp - IP56



1 Gang

2 Gang

1 Gang
(momentary)H=95 W=95 D=57,
4 x 20mm entries

- Large rocker allows ease of use even with gloved hands
- Integral green neon makes the unit visible in the dark
- Switches do not need to be derated when used with fluorescent or inductive loads (except 530-827)
- **IP56** polycarbonate housing
- All switches conform to **BS3676 Part 1: 1989**

212019

S P Switched	Mfrs. List No.	Order Code	1+	5+	10+	25+
1 gang, 1 way	56400	530-797	40.57	36.85	35.88	34.90
1 gang, 2 way	56401	530-803	45.74	41.58	40.45	39.34
2 gang, 1 way	56402	530-815	52.07	47.34	46.08	44.73
1 gang, 2 way Press (mom)	56408	530-827	57.74	52.48	51.06	49.64

MEM Wiring Accessories

MEM	FARNELL	MEM	FARNELL
F3002	147-681	3551	259-238
F3003	147-682	3605	259-299
F3006	146-970	4500	259-305
F3100	147-683	F4501	147-687
F3101	147-684	F4502	147-688
3107	259-159	4505	259-317
3503	259-226		

SEC137

Delta Range

Panel Mounting Socket Outlet



- 13A socket for panel mounting, in moulded white urea formaldehyde
- Approved to **BS1363 : 1984**

Panel Mounting cut-out dia=50mm
Fixing holes dia. 4 at 60.3 centres

Note: To comply with **BS1363** the panel mount socket must be at least 10mm from panel edge
Mfrs. List No. F3006



211972

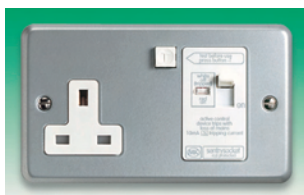
	Order Code	1+	10+	20+	100+
Panel Mounting	146-970	10.38	9.30	8.52	8.09

Surface Aluminium Range

Socket Outlets, 13 Amp



Sockets
H=86, W=86 (146 2 Gang), D=51



RCD
H=86, W=147, D=54

- Manufactured in heavy gauge steel and finished with a hard wearing epoxy/polyester and metallic powder paint coating
- Easy to install, clear white printing gives instant terminal identification
- Terminal screws are backed out and held captive within the housing
- Outboard rockers on 2 gang switchsockets help to stop accidental switching
- Double pole switching



One gang switchsockets, two gang outboard switchsockets and two gang unswitched sockets are fitted with two earth terminals on a common busbar to provide a double earth facility for use when installations comply with **Regulation 607 of BS7671, IEE Wiring Regulations.**

212067

	Mfrs. List No.	Order Code	1+	2+	5+	10+	+
Non Switched							
1 gang	K848ALM	721-7274	16.05	15.42	14.91	14.67	--
2 gang	K850ALM	721-7286	29.10	27.93	27.62	--	--
DP Switched							
1 gang	K2977ALM	721-7237	21.75	20.91	20.26	--	--
2 gang	K2946ALM	721-7249	42.12	40.41	39.99	--	--
2 gang, outboard rockers	K2945ALM	721-7225	42.12	40.41	39.99	--	--
1 gang + neon	K2477ALM	721-7250	32.34	31.05	30.41	--	--
2 gang + neon	K2446ALM	721-7262	59.07	58.89	--	--	--
1 gang RCD protected, 30mA (active)	K6302ALM	721-7298	168.09	161.34	159.26	--	--
1 gang RCD protected, 30mA (passive)	K6305ALM	721-7304	168.09	167.64	--	--	--

Socket Outlets, 13A



1 Gang H=82, W=82, Fixing centres=60.3 2 Gang H=82, W=144, D=45, Fixing centres=120.7

- Supplied with M3.5 fixing screws
- Earth terminal in mounting box
- Approved to **BS1363 : 1984**



211973

	Mfrs. List No.	Order Code	1+	10+	20+	100+
1 Gang, non switched	F3041	147-672	13.77	12.60	11.76	11.40
2 Gang, non switched	F3042	147-673	26.22	25.50	24.66	22.50
1 Gang, DP switched	F3141	147-674	17.31	15.30	--	--
2 Gang, DP switched	F3142	147-675	32.73	30.30	28.50	--
1 Gang, DP switched + neon	M3145	259-202	28.32	27.03	26.10	25.11

Switched Twin or Single Socket and Fuse Spur

White Plastic - 2 Gang Plate
H=84, W=145, D=20

Metal Clad - 2 Gang Plate
H=76, W=136, D=47



13A Fused Connection Unit
H=85, W=85, D=32

White Plastic - 1 Gang Plate
H=85, W=85, D=34

- Comprehensive range of 13A sockets and fused connection unit with double pole protection against earth leakage faults
- All sockets are **SWITCHED** for greater flexibility and safety
- Sockets are available in Twin or Single, White Plastic or Metal Clad and Latching or Non-Latching RCD type
- **Latching RCD:** Power is restored automatically following a power cut (vital for equipment on remote sites, freezers, faxes etc.)
- **Non-latching RCD:** Manual reset is required following a power cut (important safety feature when using power tools)
- Range includes UNIQUE single switched socket on a 1 gang plate allowing direct replacement of existing non-RCD single sockets
- 13A fused connection unit gives local RCD protection for hard wired equipment (eg. stair lifts, hand dryers, pond pumps, etc.)
- White plastic sockets and spur require surface or flush mounting boxes at least 25mm deep. Metal clad sockets come with 40mm deep surface mount metal box with 8 knock-outs
- Standard sizes and slimline design of range allow quick and easy replacement of non-RCD sockets and spur in offices, factories and homes

Voltage Rating	220 - 240 Vac 50 Hz	Current Rating	13A
RCD Type	Double Pole	Trip Speed	40ms
Conform to	BS1363 and BS7288	Rated Trip Current	30mA
Cable Capacity	3 x 2.5mm (up to 10.5mm flex for fused spur)		

227502

	Mfrs. List No.	Order Code	1+	5+	10+	25+
Twin Socket - 2 Gang Plate						
White Plastic-Latching	RCD06WL	187-320	116.07	109.08	102.54	96.39
White Plastic-Non Latching	RCD05W	187-331	110.28	103.68	97.47	91.59
Metal Clad-Latching	RCD08ML	187-343	129.04	121.29	114.03	107.19
Metal Clad-Non Latching	RCD07M	187-355	122.61	115.26	108.33	101.85
Single Socket - 2 Gang Plate						
Metal Clad-Latching	RCD04ML	187-380	106.46	100.05	94.05	88.44
Metal Clad-Non Latching	RCD03M	187-392	101.10	95.04	89.34	84.00
Single Socket - 1 Gang Plate						
White Plastic-Latching	RCD12WL	187-409	101.62	95.52	89.82	84.42
13A Fused Spur - 1 Gang						
White Plastic-Latching	RCD10WL	187-422	101.44	95.34	89.61	84.24



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Electrical Products, Conduit & Trunking

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Non-compliant
+ Limited stock - RoHS replacement available

RoHS

Single or Twin Socket



Flush Mounting
H = 85.7, W = 146.1, D = 18.9



Metal clad
H = 90.8, W = 144.3, D = 51.4

A 13A mains socket providing double pole protection against earth leakage faults. The unit incorporates radio frequency and transient voltage protection. To reset after a fault the plug must be removed. Available in White plastic flush mounting or metal clad versions.

Manufactured and tested to **BS1363** and **BS4293**.

The flush mounting plastic version is for use with mounting boxes of at least 25mm depth.

Voltage Rating	240V ac	Trip time	40ms
Maximum load	13A	Trip current	30mA
Mfrs. List No.	H82W=179-552, H82M=179-553, H22W=178-953, H22M=178954		

227504

Single Socket	Order Code	1+	+	+
Flush mounting, white	179-552	88.12	--	--
Metal clad	179-553	97.46	--	--
Twin Socket	Order Code	1+	+	+
Flush mounting, white	178-953	122.94	--	--
Metal clad	178-954	132.76	--	--

Electronic Time Switches

24 Hour and 7 Day - 'Panelmaster'



H=72, W=72, D (behind panel)=26
Panel cut-out=67 x 67
(radiused corners 2.5)
Terminals=6.3 tabs

- Compact 72 x 72mm single channel time switches for panel or surface mounting
- Voltage-free relay output contacts rated 16A 240V
- 24 hour unit has 4 ON/OFF programmes per day
- 7 day unit has 6 ON/OFF programmes, each of which can be used every day, every weekday, every weekend or on individual days
- Simple two button programming
- Change/override until next programme, and permanent ON or OFF
- Rechargeable metal hydride battery with 1000 hour reserve

Supply voltage	220-240V ac 50Hz
Output (voltage free)	SPCO relay 16A @ 240V, 6A inductive
Operating temperature	-10°C to +40°C
Tamperproof cover	The unit can be made tamperproof by wiring the cover supplied in place, still leaving the display visible.

223108

Mfrs List No.	Order Code	1+	10+	25+	+
24 Hour	EL11	678-314	94.71	85.26	81.14
7 day	EL17	678-326	100.25	90.24	86.16

24 Hour and 7 Day Electronic



- Simple two button programming
- 24 hour clock/timer display
- Self-cancelling override for instant ON/OFF control
- Integral thermal fuse for extra protection

- Integral rechargeable battery gives 1000 hours backup
- Manual switch for permanent off or auto

H=115, W=74, D=50

Operating voltage	220-240V ac 50Hz
Switching current/load	13A res. (3kW max.), 6A inductive
Operating temperature	-10°C to +50°C
Switching programmes	24 Hour type: 4 ON/OFF 7 day/24 Hour type: 6 ON/OFF independent switching commands allocated over a 7 day period (up to 42 ON/OFFs per week)

223109



Mfrs List No.	Order Code	1+	10+	25+	50+
24 Hour	ETU2000	678-296	75.03	67.53	63.78
7 day/24 hour	ETU8000	678-302	84.60	76.14	71.94

24 Hour & 7 Day 'SupplyMASTER'

Fused Spur Timeswitch



H=85, W=85, D=38

Operating voltage	220-240V ac 50Hz
Switching current/load	13A resistive (3kW max.) 6A inductive
Lighting/motor loads	500W fluorescent or low energy, 2500W filament lighting/1hp motor
Operating temperature	-10°C to +40°C
Setting resolution	1 minute
Switching programmes	24 hour type - 4 ON/OFF commands per day 7 day type - 6 ON/OFF commands allocated across every day, every weekday, weekends or individual days (max. 42 ON/OFFs per week)

223082

Mfrs List No.	Order Code	1+	10+	25+	+
24 Hour	FST11	987-037	113.46	102.15	97.57
7 day	FST17	987-049	122.70	110.43	104.98

Motor Driven Time Switches

Single/Two Channel Digital Modules



NEW

The TR671TOP and TR672TOP are Single and Two Channel Digital Modules.

TR671TOP TR672TOP

This is a 24Hr/7Day Single Channel electronic timer module for OEM applications featuring Text Oriented Programming.

- Integral Lithium cell power reserve with 10 years life
- 21 on/off programmes per week
- Random switching programme for security purposes
- Automatic Summer/Winter changeover
- Manual override to next programme change and permanent on/off switching
- Holiday suspension of programmes
- Pulse (1-59sec) and repetitive pulse programmes
- LCD backlight
- Requires a 3V DC power supply

419237

Model	Order Code	1+	3+
TR671TOP	109-6665▲	127.14	119.46
TR672TOP	109-6666▲	127.14	119.46



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prices are subject to change without notice.

Single Compact Digital Module



The EMU9000 is a single channel digital module for OEM applications

EMU9000

- 24Hr/7Day Compact Digital module (without power supply)
- Individual day, everyday, every weekday, weekend, 6 day or two 3 day programme selections over a 7 day period. Six programmes are available, and if selected to operate over all 7 days, 42 ON & OFF switchings per week will result
- Shortest switching time 1 minute
- Self-cancelling override until next programme change
- Permanent ON/OFF control
- Summer/Winter time changeover facility
- 150 hours rechargeable memory back-up
- Integral thermal fuse for extra protection
- Fits standard flush or surface mount boxes (min. 32mm deep)

419655

Order Code	Price Each	
	1+	3+
109-6668 ▲	50.29	47.88

Compact Segment Module



The EMS960 is a segment dial module for OEM applications

EMS960

- 24Hr Compact Segment module (without power supply)
- Switches ON and OFF at preset times
- Easy to use captive segment dial
- 15 minute minimum switching interval which can be increased in 15 minute steps
- Permanent ON/OFF control
- Integral thermal fuse for extra protection
- Fits standard flush or surface mount boxes (min. 32mm deep)

419659

Order Code	Price Each	
	1+	3+
109-6669 ▲	30.11	27.60

Single Channel Digital Module



The EMU56 is designed for use in OEM equipment allowing 8 independent programme selections per day, up to 56 different ON/OFF operations per week.

EMU56

- 24Hr/7Day Single Channel digital module (without power supply)
- Operates from 1.4V to 1.6V supply
- 112 memory locations

- Self-cancelling override until third programme change
- Shortest switching time 1 minute
- Programme suspension
- 1000 hours rechargeable memory back-up

419661

Order Code	Price Each	
	1+	3+
109-6670 ▲	68.39	62.72

24 Hour/7 Day



- 24 hour or 7 day operation
- Clear clock face indicates time
- Changeover from 24 hour to 7 day operation by reversing time setting ring
- On/off times set by pins
- Manual override and permanent on/off facilities
- Supplied with transparent front cover and 26 extra time setting pins
- Unit may be surface or panel mounted (panel cut out 66mm square)

H=104, W=72, D=69

Supply voltage
Switch period
Minimum switch interval
Output contacts
Mfrs List No.

220V ac -15% + 10%, 50Hz
5m (24 hour cycle), 30m (7 day cycle)
20m (24 hour cycle), 2hr (7 day cycle)
SPNO 16A @ 240V ac (resistive)
E269H

223141

Order Code	Price Each			
	1+	5+	10+	25+
179-433	135.48	124.29	112.32	105.04

13A Plug-In Switches

Electronic - Digital, 24 Hour and 7 Day



H=81, W=60, D=41 (excl. pins)

- Compact timeswitches which plug into standard 13A sockets and have standard output
- No batteries required. Fitted with rechargeable 1000 hour memory back-up allowing programming out of mains socket
- Simple 2 button programming
- Selectable random facility whereby unit switches ON/OFF at random intervals during programmed ON times
- Self cancelling manual override for instant ON/OFF



Mfrs List No.

ETU11=478-544,
ETU17=678-284

Operating voltage 220-240V ac 50Hz
Switching current/load 13A resistive (3kW max.)6A inductive
Lighting/motor loads 500W fluorescent or low energy, 2500W filament lighting/1hp motor
Operating temperature -10°C to +40°C
Setting resolution 1 minute
Switching programmes 24 hour type - 4 ON/OFF commands per day
7 day type - 6 ON/OFF commands allocated across every day, every weekday, weekends or individual days (max. 42 ON/OFFs per week)

223133

	Order Code	Price Each			
		1+	10+	25+	50+
24 hour/random	478-544	57.90	52.11	49.23	45.42
7 day/24 hour/random	678-284	61.59	55.44	52.38	51.66



RoHS Directive



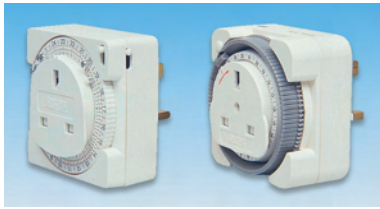
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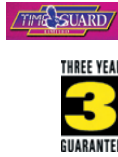
Compliant
Non-compliant
+ Limited stock - RoHS replacement available

RoHS

Motor Driven - 24 Hour and 7 Day



H = 71, W = 71 D = 51



- Motor driven 24hr 7 day time switches
- Plugs into standard 13A socket
- Switches electrical appliances ON/OFF automatically at preset times of the day
- Manual override facility

Pin Type Time setting pins are inserted at required positions. Supplied with 6 pins.**Segment Type** Time set by switching of segments on dial.

Operating voltage	220-240V ac 50Hz
Switch rating	240V ac, 13A resistive (3kW) 5A inductive
Setting time	24 hour types: 15 mins (min.ON/OFF interval 30 mins for pin type) 7 day types: 2 hours (min ON/OFF interval 4 hours for pin type)

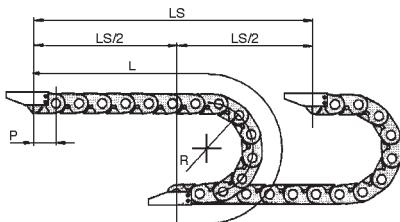
Mfrs. List No.: TS800 = 424-705, TS830 = 280-860, TS840 = 678-272

223160

	Order Code	1+	10+	25+	50+
24 Hour, pin type	424-705	49.71	44.82	43.59	42.27
24 Hour, segment type	280-860	51.99	46.80	44.19	38.46
7 day, segment type	678-272	42.81	38.79	36.66	34.98

Chain Link Trunking

A range of light weight chain link trunking used to protect moving cables and hoses in a great variety of applications, such as machine tools, robotics, conveyors and warehouse systems. Made from nylon and resistant to sea water, ammonia, petrol and mineral oil, the chain is suitable for harsh, corrosive environments. Supplied in one metre lengths which can be modified by the removal of the connecting pivot pins.



Operating temperature -25°C to +125°C

To determine the length of the chain the following formula should be used.

$$L = LS/2 + \pi R + 2P$$

where L = Length of chain
LS = Travel distance
R = Radius of curvature
P = Pitch (1 link)

212010

Open Link



- Protection for cables and hoses
- Ideal for machine tools, conveyor and warehouse systems
- Open link construction, cables are laid in after removing cover
- Link trunking resistant to water, petrol, oil, ammonia
- Brackets available attached to a link of trunking for quick and easy connection
- Light and secure, even at high speed

The bending radius of the chain must be greater than the bending radius of the cables/hoses. The cables/hoses should be placed separately rather than on top of one another. There should be 10% free space between cable/hose diameters and the internal dimensions of the chain. Install cables/hoses symmetrically within the chain, placing the larger and heavier ones towards the outside, and the smaller ones in the middle. ELP-DIA. 538000

External Dimensions			Internal Dimensions			Mfrs. List No.	Order Code
A	B	C	D	R	P		
54	30	30	24	50	35	SR305A-08	538-000
74	35	50	24	120	35	SR305A 40	718-8730
62	35	40	25	75	40	SR400 41	718-8754
94	43	65	31	75	40	SR355A-065	538-024
124	43	95	31	200	40	SR355A-098	538-048
78	55	50	36	150	50	SR600 51	718-8778
128.6	55	50	36	150	50	SR600 101	718-8791

Ex Trunking Dimensions	Supplied Length	Order Code	1+	10+	25+	50+
54 x 30	1m	538-000	99.02	89.94	85.05	78.39
94 x 43	1m	538-024	114.14	103.56	98.10	96.15
124 x 43	1m	538-048	128.98	117.24	108.75	105.48

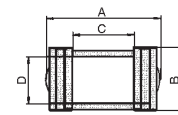
Ex Trunking Dimensions	Length	Order Code	1+	5+	10+	25+	50+
74 x 30	1m	718-8730	109.55	105.36	100.59	91.29	--
62 x 35	1m	718-8754	110.16	105.96	101.13	91.80	--
78.8 x 55	1m	718-8778	160.65	154.50	147.48	133.86	--
128.6 x 55	1m	718-8791	176.87	170.10	162.39	147.39	--

Brackets 2 per pack	Order Code	1+	10+	25+	50+
54 x 30	538-012	15.48	14.07	13.33	11.86
94 x 43	538-036	22.54	20.48	19.34	18.75
124 x 43	551-417	22.54	20.48	19.34	18.75

203715

2 Per Pack	Mfrs. List No.	Order Code	1+	5+	10+	25+	50+
74 x 30	SR305A BKT	718-8742	18.23	17.55	16.74	15.18	--
62 x 40	SR400 40 BKT	718-8766	19.89	19.11	18.23	16.58	--
78.8 x 55	SR600 50 BKT	718-8780	29.84	28.70	27.40	24.86	--
128.6 x 55	SR600 100 BKT	718-8808	29.84	28.70	27.40	24.86	--

Closed Link



- Ideal for machine tools, conveyor and warehouse systems
- Closed link construction, cables are fed through centre
- Brackets available attached to a link of trunking for quick and easy connection
- Light and secure even at high speed

The bending radius of the chain must be greater than the bending radius of the cables/hoses. The cables/hoses should be placed separately rather than on top of one another. There should be 10% free space between cable/hose diameter and the internal dimensions of the chain. Install cables/hoses symmetrically within the chain, placing the larger and heavier ones towards the outside, and the smaller ones in the middle.

External Dimensions		Internal Dimensions					
A	B	C	D	R	P	Order Code	
18	15	12	12	18	18	718-8584	
18	15	12	40	40	18	537-901	
23	22	15	18	40	30	537-925	
29	23	14	17	80	30	718-8614	
40	23	24	17	40	30	718-8638	
52	30	309	20	50	35	537-949	
91	45	65	30	75	40	537-962	
121	45	95	30	200	40	537-986	

203722

External Trunking Dimensions	Supplied Length	Order Code	1+	10+	25+	50+
18 x 15	1m	537-901	34.30	31.20	30.36	28.62
23 x 22	1m	537-925	49.27	44.85	43.29	42.55
52 x 30	1m	537-949	86.60	78.69	75.69	73.80
91 x 40	1m	537-962	114.81	104.31	99.69	96.09
121 x 45	1m	537-986	124.79	113.40	107.10	100.41

External Trunking Dimensions	Supplied Length	Order Code	1+	5+	10+	25+
18 x 15	1m	718-8584	36.78	35.34	33.75	30.60
29 x 23	1m	718-8614	50.70	48.72	46.50	42.18
40 x 23	1m	718-8638	50.70	48.72	46.50	42.18

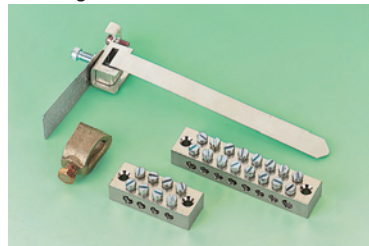
Brackets 2 per pack	Order Code	1+	10+	25+	50+
18 x 15	537-913	12.43	11.31	11.02	10.40
23 x 22	537-937	14.25	12.97	12.25	11.51
52 x 30	537-950	22.54	20.48	19.34	18.75
91 x 45	537-974	22.54	20.48	19.34	18.75
121 x 45	537-998	20.81	18.90	17.85	17.31

2 Per Pack	Order Code	1+	5+	10+	25+	50+
Brackets						
18 x 15	718-8596	6.61	6.36	6.06	5.52	--
29 x 23	718-8626	18.54	17.82	16.98	15.42	--
40 x 23	718-8640	18.54	17.82	16.98	15.42	--

Prices are in Singapore Dollars and exclusive of GST.
Due to the volatile nature of certain products,
prices are subject to change without notice.

Conduit Accessories

Earthing Connectors



Earth Blocks

- Brass (BZP coated)
- Max cable entry - 4 Way: 3 x 16mm², 1 x 25mm², 8 Way: 6 x 16mm², 2 x 25mm²

Adjustable Earth Clamp

- Phosphor Bronze (Tinned Coated)
- Aluminium Safety Label
- To BS951:1986
- Pipe size range - 1/2 to 1 1/4 Max earth lead: 1 x 10mm²

203767

	Order Code	1+	5+	10+	25+	+
Earth Block, 4 Way	725-7259	9.62	8.63	8.19	7.22	--
Earth Block, 8 Way	725-7260	21.06	18.97	17.88	15.79	--
Adjustable Earth Clamp	725-7272	11.18	10.08	9.50	8.38	--
Earth rod 1/4in x 4in	725-7284	12.81	11.64	11.02	9.62	--
Earth Rod Clamp	725-7296	6.84	6.13	5.81	5.14	--
Rod to Lug Clamp	725-7302	12.36	11.11	10.53	9.28	--

Pliable Conduit

Retro-fit, Nylon - IP50
Co-Flex system

- Two part flexible conduit, ideal for situations where wiring is already in place or where cable threading would be a problem
- Manufactured from halogen and cadmium free nylon 6
- Resistant to most mineral oils, chemicals and solvents
- Easy to install-can be cut with a knife
- Sealing to IP50

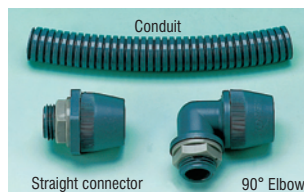
Nominal Size	O/D	I/D	Bend Radius	Order Code
16	18.5	12.5	95	576-761
20	25.5	19.5	130	576-773
25	31	24.2	155	576-785

Operating temperature range -30°C to +80°C

211979

10m Reel Conduit	Mfrs. List No.	Order Code	4+	20+	40+
Nominal size					
16mm	ECPB0310	576-761	155.91	140.37	135.87
20mm	ECPB0410	576-773	224.76	202.29	190.00
25mm	ECPB0510	576-785	287.82	259.05	242.34
Connectors					
Conduit/Thread			4+	20+	40+
16mm/PG13	YCMBP0304	576-797	11.20	10.11	9.54
20mm/PG21	YCMBP0406	576-803	16.43	14.79	13.83
25mm/PG29	YCMBP0507	576-815	21.48	19.35	18.09

Nylon - IP66



Operating temperature range -40°C to +105°C

211956

10m Reel Conduit - O.D./I.D	Mfrs. List No.	Order Code	1+	5+	10+
16mm/11.9mm	EPG0310	152-629	77.69	69.96	67.35
20mm/16.5mm	EPG0410	152-630	77.05	69.36	66.78
25mm/22.7mm	EPG0510	152-631	87.39	78.63	75.75
Straight Connectors			1+	50+	100+
16mm	YQM0303	152-632	3.52	3.09	2.67
20mm	YQM0404	152-633	3.40	2.94	2.61
25mm	YQM0505	152-634	5.05	4.41	3.90
90° Elbows					
16mm	YXM0303	152-635	7.34	6.42	5.70
20mm	YXM0404	152-636	7.80	6.81	6.09
25mm	YXM0505	152-637	13.43	11.76	10.41

10m Reel Conduit Clips	Pack Qty.	Mfrs.	Price Each			
			Price Per Pack	1+	5+	10+
16mm	10	YCC03-FEC	221-132	15.91	14.22	13.74
20mm	10	YCNPC04	221-144	16.22	14.46	14.01
25mm	10	YCNPC05	221-156	26.01	23.49	20.82

Ultra-Flexible Conduit (L.S.F)



- KEBF ultra flexible conduit
- Low smoke and fume PVC covering
- Ensures high degree of safety
- Fittings
- Nickel-plated brass

Construction: conduit - helically wound galvanised steel core with enhanced LSF PVC covering. Pull-off rating: KEBF04 - heavy. Crush resistance: KEBF04 - heavy

KEBL/L Covered Ultra Flexible Conduit Coil Lengths			Conduit Size mm	Inside Ø mm	Mfrs. List No.	Order Code
10m			20	17	KEBF0410	718-9084
10m			25	21.1	KEBF0510	718-9096
10m			32	28.4	KEBF0610	718-9102
Conduit Size mm	Thread Type	Pack Qty.	Fixed Male Connector Mfrs.	Order Code	Swivel Male Connector Mfrs.	Order Code
			List No.		List No.	
20	M20	10	GAM0404	718-9114	GBM0404	718-9175
25	M25	10	GAM0505	718-9126	GBM0505	718-9187
32	M32	10	GAM0606	718-9138	GBM0606	718-9199
20	PG16	10	GAP0405	718-9140	GBP0405	718-9205
25	PG21	10	GAP0506	718-9151	GBP0506	718-9217
32	PG29	10	GAP0607	718-9163	GBP0607	718-9229
Ingress Protection		IP54	Operating temperature range			-20°C to +70°C

224360

10m Reel Mfrs. List No.	Order Code	1+	5+	10+	20+
KEBF0410	718-9084	74.21	70.11	65.76	62.49
KEBF0510	718-9096	106.00	100.11	93.93	89.22
KEBF0610	718-9102	181.64	171.57	160.98	152.91

	Mfrs. List No.	Order Code	1+	5+	10+	20+
Fixed Male Connector	GAM0404	718-9114	53.03	50.10	47.01	44.64
	GAM0505	718-9126	76.53	72.27	67.80	64.41
	GAM0606	718-9138	142.93	135.00	126.66	120.36
	GAP0405	718-9140	53.03	50.10	47.01	44.64
	GAP0506	718-9151	76.53	72.27	67.80	64.41
Swivel Male Connector	GBM0404	718-9175	53.03	50.10	47.01	44.64
	GBM0505	718-9187	76.53	72.27	67.80	64.41
	GBM0606	718-9199	142.93	135.00	126.66	120.36
	GBP0405	718-9205	53.03	50.10	47.01	44.64
	GBP0506	718-9217	76.53	72.27	67.80	64.41

Polyethylene - Betaflex 1



- Manufactured from flame retardant, high density polyethylene
- Ideal for sub-zero temperatures (-50°C to +55°C)
- Excellent flexibility
- Accessories include adaptors and lock ring for panel fixing, saddles, and couplings for joining lengths of conduit

211938

5m Coil	Mfrs. List No.	Order Code	1+	5+	10+	+
Flexible Conduit 20mm	0839	141-545	12.03	11.52	10.42	--
10 Per Pack			1+	Price Per Pack		
Coupling	1330CLEAR	221-090	9.02			
Adapter	24313GREY	221-107	21.66			
Saddle	24523GREY	221-119	3.00			
Lock Ring	24333GREY	221-120	7.65			

Compliant
Non-compliant
+ Limited stock - RoHS replacement available

RoHS

Spirally Reinforced PVC - IP65 'FL' and 'HD' Flexible Types



- Manufactured with a hardened PVC spiral to meet **BS4607** crush strength requirements
- Self-extinguishing (all burning ceases within 2 seconds of flame removal)
- Chemical and heat resistant
- Sealing to **IP65 (IEC and DIN40050)**
- Standard type has a soft PVC wall for high flexibility and light weight construction
- Heavy duty type is a more rugged construction with smooth walls and greater crush resistance but less flexibility
- Straight fittings and 90° elbows are suitable for both standard and heavy duty conduit. Manufactured from polypropylene.

Operating temperature range -25°C to +75°C Material Black flame retardant PVC 211944

10m Reel Conduit - O.D./I.D.	Mftrs. List No.	Order Code	Price Per Roll			
			1+	5+	10+	
Standard						
16mm/12mm	EF150012X10	152-585	56.64	49.32	42.45	
20mm/16mm	EF150016X10	152-586	60.62	52.05	48.36	
25mm/22mm	EF150022X10	152-587	69.69	63.29	—	
Straight Fittings			Price Each			
Conduit/PG Threads			1+	50+	100+	150+
16mm/PG11	EF954013	152-591	4.59	4.05	3.54	2.97
16mm/PG 13.5	EF950143	152-592	4.77	4.26	3.63	3.12
20mm/PG 13.5	EF954017	152-593	5.32	4.74	4.05	3.42
20mm/PG16	EF954018	152-594	5.78	5.16	4.44	3.72
25mm/PG21	EF954023	152-595	6.49	5.82	4.95	4.20
ISO Metric Threads						
16mm	EF952012	152-596	3.37	2.79	2.43	2.37
20mm	EF952016	152-597	3.78	3.21	2.65	—
25mm	EF952022	152-598	4.08	3.36	3.12	—
90° Elbows						
Conduit/PG Threads						
16mm/PG11	EF974013	152-599	6.73	6.18	5.25	4.47
20mm/PG 13.5	EF974017	152-601	7.53	6.72	5.79	4.89
ISO Metric Threads						
16mm	EF972012	152-605	5.31	4.89	4.23	4.20
20mm	EF972016	152-606	5.97	5.34	4.86	4.70
25mm	EF972022	152-607	6.58	6.15	5.82	5.49

- FREE to all account holders
- Notification of obsolete, end of line and end of stock items
- Replacement or upgrade recommendations

Advanced warning of obsolete components



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