

Latest Products from...

Utility Enclosure



See page 232

Extruded Aluminium 'DuraBox'



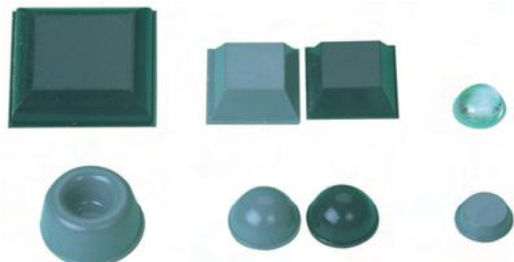
See page 242

Hand Held Cases



See page 244

Enclosure Accessories



See page 261

Contents

Page

Desktop & Instrument Enclosures	253
Enclosure Accessories	260
Hand-Held Enclosures	243
Plug In & DIN-Rail Mount	243
Potting Boxes	231
Power Supply Cases	242
Project & General Purpose Enclosures	232
Screening Cans	252
Wall Mount Enclosures	251



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Potting Boxes						
	ABS	Polystyrene (PS)	Polycarbonate (PC)	Polyester (GRP)	Aluminium (Diecast)	Steel (Painted)
Outdoor Use	●	●●	●●●●	●●●●●	●●●●	●●●
Ease of machining	●●●●●	●●●	●●●●●	●●	●●	●●
Temperature Range	●●●	●●●	●●●●	●●●●	●●●	●●●●
Light weight	●●●●●	●●●●●	●●●●●	●●●	●●	●
High Rigidity	●	●	●●●	●●●●	●●●●●	●●●●
Impact Resistant	●●●	●●	●●●●	●●●●	●●●●	●●●●
Chemical Reistance						
■ Salt Water	●●	●●	●●●●●	●●●●●	If Coated	●●
■ Acid (mild)	●●●●	●●●●	●●●●	●●●●	●●●	●●
■ Alkali (mild)	●●●●	●●●●	●●●●	●●●●	●	●●
■ Hydraulic Oil	●	●	●●●	●●●●●●	●●●●●	●●
■ Petroleum	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●
■ Alcohol	●●●	●●●	●●●●	●●●●	●●●●●	●●
■ Solvents	●	●	●	●●●●	●●●●●	●●
■ Coolants	●●●●	●●●●●	●●●	●●●●●	●●●	●●
This table represents only standard values and is designed as a guide. Appropriate preliminary tests are therefore recommended. No responsibility can be accepted for the accuracy of the specifications.					Key ●●●●● = Excellent ● = Poor	

IP Explanation and Ratings
EN 60529 outlines an international classification system for the sealing effectiveness of enclosures of electrical equipment against the intrusion into the equipment of foreign bodies (i.e. tools, dust, fingers) and moisture. This classification system utilizes the letters "IP" ("Ingress Protection") followed by two or three digits. (A third digit is sometimes used. An "x" is used for one of the digits if there is only one class of protection; i.e. IPX4 which addresses moisture resistance only.)

FIRST NUMBER - Degrees of Protection
The first digit of the IP code indicates the degree that persons are protected against contact with moving parts (other than smooth rotating shafts, etc.) and the degree that equipment is protected against solid foreign bodies intruding into an enclosure.

- Protection against solids**
IP 0 no protection
1 protected against solid objects up to 50 mm (e.g. accidental touch by hands)
2 protected against solid objects up to 12mm (e.g. fingers)
3 protected against solid objects over 2.5mm (tools and small wires)
4 protected against solid objects over 1mm (tools and small wires)
5 protected against dust - limited ingress permitted (no harmful deposit)
6 totally protected against dust

SECOND NUMBER - Degrees of Protection
The second digit indicates the degree of protection of the equipment inside the enclosure against the harmful entry of various forms of moisture (e.g. dripping, spraying, submersion, etc.)

- Protection against liquids**
IP 0 no protection
1 protected against vertically falling drops of water
2 protected against direct sprays of water up to 15° from the vertical
3 protected against sprays up to 60° from the vertical
4 protected against water sprayed from all directions - limited ingress permitted
5 protected against low pressure jets of water from all directions - limited ingress permitted
6 protected against strong jets of water - limited ingress permitted
7 protected against the effects of immersion between 15cm and 1m
8 protection against long periods of immersion under pressure

- THIRD NUMBER**
Protection against mechanical impacts (commonly omitted)
IP 0 No protection.
1 Protects against impact of 0.225 joule (e.g. 150g weight falling from 15cm height).
2 Protected against impact of 0.375 joule (e.g. 250g weight falling from 15cm height).
3 Protected against impact of 0.5 joule (e.g. 250g weight falling from 20cm height).
4 Protected against impact of 2.0 joule (e.g. 500g weight falling from 40cm height).
5 Protected against impact of 6.0 joule (e.g. 1.5kg weight falling from 40cm height).
6 Protected against impact of 20.0 joule (e.g. 5kg weight falling from 40cm height).

Potting (with fixing lugs)



● Low cost grey potting box

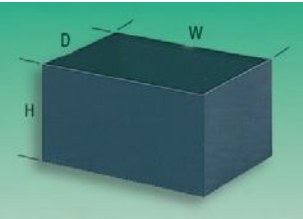
External Dimensions		
H	W	D
19	24	36
24	30	50
27	42	55

448025

224365

Order Multiple=10		Price Each				
Mftrs. List No.	Order Code	10+	50+	100+	500+	1K+
GPL05	645-643●	0.37	0.35	0.34	0.31	0.26
GPL1	301-152●	0.39	0.36	0.35	0.32	0.28
GPL2	301-164●	0.53	0.50	0.49	0.45	0.41

Potting
ABS



- Low cost, black potting box

External Dimensions			Mftrs. List No.		Order Code	
H	W	D				
15	30	20	PB1	301-176		
20	40	40	PB2	301-188		
30	50	50	PB3	301-190		
35	70	50	PB4	301-206		
25	100	50	PB5	301-218		

224366

Order Multiple=10		Price Each					
Order Code	10 +	50 +	100 +	500 +	1K +		
301-176●	0.49	0.42	0.40	0.32	0.22		
301-188●	0.59	0.55	0.54	0.47	0.39		
301-190●	0.79	0.73	0.67	0.62	0.53		
Order Multiple=5		5 +	10 +	50 +	100 +	500 +	1K +
301-206●	0.92	0.89	0.88	0.82	0.62	0.56	
301-218●	0.90	0.87	0.85	0.84	0.79	0.75	

ABS Potting Boxes



- A range of low cost boxes are for encapsulating electronic assemblies
- Enclosures are made from rigid ABS with a flammability rating of **UL-94HB**
- Operating temperature is between -20°C to +60°C
- All enclosures are finished in Black
- Lids are available for all enclosures listed

External Dimensions			Box		Lid	
L	W	D	Weight	Order Code	Order Code	Order Code
20	20	13	0.06kg	109-4644		109-4668
25	25	15	0.11kg	109-4648		109-4669
25	25	25	0.157kg	109-4649		109-4669
30	20	15	0.109kg	109-4650		109-4670
40.5	13.5	25	0.175kg	109-4652		109-4672
40	40	13	0.202kg	109-4653		109-4673
40	40	20	0.248kg	109-4654		109-4673
45	30	15	0.180kg	109-4655		109-4674
45	30	25	0.245kg	109-4656		109-4674
50	13	15	0.180kg	109-4657		109-4675

Potting Boxes - continued

ABS Potting Boxes - continued

External Dimensions			Weight	Box Order Code	Lid Order Code
L	W	D			
50	50	25	0.461kg	109-4661	109-4676
60	60	50	0.8kg	152-6640	152-6641
70.5	50.5	20	0.645kg	109-4663	109-4677
70.5	50.5	35	0.876kg	109-4664	109-4677
90	60	20	0.879kg	109-4665	109-4678
100	50	25	0.927kg	109-4666	109-4679
100	100	40	2.672kg	109-4667	109-4680

342005

Mfrs. List No.	Order Code	10+	50+	100+	500+
Price Each					
Enclosures					
G202013B	109-4644●	0.165	0.155	0.140	0.101
G252515B	109-4648●	0.340	0.320	0.290	0.200
G252525B	109-4649●	0.340	0.320	0.290	0.200
G302015B	109-4650●	0.360	0.340	0.310	0.220
G401325B	109-4652●	0.176	0.165	0.150	0.112
G404013B	109-4653●	0.360	0.340	0.310	0.220
G404020B	109-4654●	0.360	0.340	0.310	0.220
G453015B	109-4655●	0.360	0.340	0.310	0.220
G453025B	109-4656●	0.176	0.165	0.150	0.112
G501315B	109-4657●	0.360	0.340	0.310	0.220
G505025B	109-4661●	0.610	0.590	0.540	0.470
G606050B	NEW 152-6640●	0.770	0.700	0.660	0.550
G705020B	109-4663●	0.770	0.700	0.660	0.550
G705035B	109-4664●	0.600	0.550	0.520	0.430
G906020B	109-4665●	0.770	0.700	0.660	0.550
G1005025B	109-4666●	0.770	0.700	0.660	0.550
G10010040B	109-4667●	0.810	0.790	0.700	0.610
Lids					
G202013L	109-4668●	0.112	0.100	0.089	0.079
G252515L	109-4669●	0.220	0.200	0.177	0.156
G302015L	109-4670●	0.112	0.100	0.089	0.079
G401316L	109-4672●	0.112	0.101	0.090	0.079
G404013L	109-4673●	0.112	0.101	0.090	0.079
G453015L	109-4674●	0.220	0.200	0.179	0.156
G501315L	109-4675●	0.112	0.100	0.089	0.079
G505015L	109-4676●	0.220	0.200	0.179	0.156
G606050L	NEW 152-6641●	0.112	0.101	0.090	0.079
G705020L	109-4677●	0.112	0.101	0.090	0.079
G906020L	109-4678●	0.220	0.200	0.179	0.156
G1005025L	109-4679●	0.112	0.101	0.090	0.079
G10010040L	109-4680●	0.112	0.101	0.090	0.079

Utility Enclosure
Flame Retardant ABS

- Manufactured from Flame retardant ABS
- Black
- Flammability rating UL 94-V0
- Complete with 4 black assembly screws

New

510136

External Dimensions (mm)			Mfrs. List No.	Order Code	Price Each			
W	D	H			1+	10+	25+	50+
69.5	50.5	21	MCG1906	160-3599●	2.05	1.90	1.64	1.52
88.5	63	27.5	MCG1908	160-3600●	3.47	3.19	2.77	2.57
115	83	32	MCG1910	160-3601●	4.06	3.73	3.24	3.00

ABS 1591S Series IP54



- Economical black ABS box ideally suited for mounting PC boards
- Includes vertical card guides
- Two piece lap joint construction provides protection against dust and splashing water (IP54)
- Lid is secured with self-tapping screws
- No "gate" marks on bottom of enclosure

230583

Mfrs. List No.	L	W	D	Order Code	1+	10+	100+	250+
Price Each								
1591LSBK	85	56	39	142-6570●	2.14	2.08	2.02	1.96
1591ASBK	100	50	25	142-6571●	2.19	2.13	2.07	2.01
1591BSBK	112	62	31	142-6572●	2.38	2.31	2.23	2.16
1591CSBK	120	65	40	142-6573●	3.24	3.14	3.05	2.96
1591DSBK	150	80	50	142-6574●	4.13	4.01	3.89	3.77
1591ESBK	191	110	61	142-6575●	5.74	5.57	5.41	5.24
1591GSBK	121	94	34	142-6577●	4.03	3.91	3.79	3.68
1591HSBK	165	71	29	142-6578●	3.24	3.14	3.05	2.96
1591MSBK	85	56	25	142-6579●	2.43	2.36	2.29	2.21
1591SSBK	110	82	44	142-6580●	3.91	3.79	3.68	3.57
1591TSBK	120	80	59	142-6581●	4.21	4.09	3.97	3.85
1591USBK	120	120	59	142-6582●	4.47	4.34	4.20	4.08
1591VSBK	120	120	94	142-6583●	5.15	5.00	4.85	4.70

4
Potting
ABS

- Complies to DIN53495
- Resistant to most chemicals
- Suitable for machining, punching and printing

Mfrs. List No.	Nominal			
	A	B	C	Wall
BIM 103 PB	40	35	20	1
BIM 104 PB	50	40	30	1
BIM 111 PB	30	30	20	1

Temp Range: -20°C to +94°C

230577

10 Per Pack		Price Per Pack			
Mfrs. List No.	Order Code	1+	5+	10+	50+
BIM 103 PB	117-1618●	5.20	4.79	4.36	3.67
BIM 104 PB	117-1619●	6.26	5.74	5.20	4.37
BIM 111 PB	117-1620●	5.09	4.67	4.24	3.56

Project & General Purpose Enclosures

Hand Held Enclosure
Flame Retardant ABS

- Unique shaped hand-held enclosure
- Recess in top and bottom for membrane or label
- Snap fit base and lid with identical dimensions
- Manufactured from Black Flame retardant ABS
- Flammability rating UL 94-V0

New

510155

External Dimensions (mm)			Mfrs. List No.	Order Code	Price Each			
W	D	H			1+	10+	25+	50+
77	49	26.6	MCG1903	160-3602●	1.82	1.66	1.46	1.35

Miniature

ABS (Impact Resistant)



- Can easily be drilled or punched
- Lid retained by four self-tapping screws

Mfrs. List No:	Mfrs. List No:
T2=645-655	T2G=645-679
T3=301-449	T3G=301-462
T2W=645-667	HTB4=536-8637
T3W=301-450	

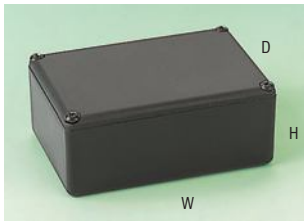
230584

External Dimensions			Order Code	1+	25+	Price Each			
H	W	D				50+	100+	500+	1K+
Black									
25	75	56	645-655●	1.14	1.11	1.08	0.91	0.82	0.80
27	75	51	301-449●	1.14	1.11	1.08	0.91	0.82	0.80
24	113	59	536-8637●	1.50	1.47	1.38	1.15	1.05	1.02
White									
75	56	25	645-667●	1.14	1.10	1.08	0.91	0.82	0.80
27	75	51	301-450●	1.15	1.13	1.09	0.91	0.83	0.81
Grey									
75	56	25	645-679●	1.14	1.10	1.08	0.91	0.82	0.80
27	75	51	301-462●	1.15	1.13	1.09	0.91	0.83	0.81

Over 480,000 products online



Miniature - 'RX Range' ABS



- Finished in matt black
- Lid retained by four black No 2 self-tappers

203461

External Dimensions			Mfrs. List No.	Order Code	5+	Price Each		
H	W	D				50+	100+	
14.3	20.5	29	RX2004/S	117-1581●	0.62	0.61	0.57	
16.25	23.5	48.5	RX2KL05	117-1589●	0.98	0.96	0.92	
18	27.5	57.5	RX2KL06	117-1590●	0.71	0.69	0.66	
20	31.5	66.5	RX2KL07	117-1591●	1.33	1.30	1.25	
15.7	23.6	33.6	RX2005/S	117-1582●	0.65	0.63	0.62	
17.7	27.5	39.6	RX2006/S	117-1583●	0.77	0.74	0.72	
19.75	32	46	RX2007/S	117-1584●	0.84	0.81	0.78	
22.7	37.5	53.5	RX2008/S	117-1585●	1.03	1.01	0.96	
25	43.5	63.5	RX2009/S	117-1587●	1.12	1.09	1.05	
28	49.5	73.5	RX2010/S	117-1588●	1.17	1.15	1.09	

FOR MORE INFORMATION & CHOICE

Product Search

Grip-Tech



RoHS Compliant Items Only | Advanced Search

Miniature ABS



- Can easily be punched or drilled
- Finished in matt as standard. Lid retained by self tapping screws

230586

Mfrs. List No.	Colour	Order Code	1+	50+	100+	1K+
HBT3	Black	645-680●	1.17	1.07	1.00	0.86
HBT3W	White	645-692●	1.17	1.07	1.00	0.86

Multipurpose - Utility ABS



- Made of high impact ABS plastic
- Continuous operating temperature of 70°C
- Light textured black finish
- Close fitting interlocking lid
- External mounting brackets
- Cable outlets

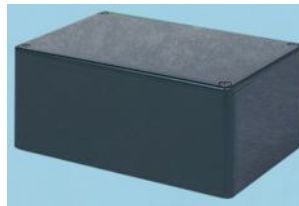


499218

External Dimensions (mm)			Mfrs. List No.	Order Code	1+	Price Each		
H	W	D				25+	50+	100+
22	65	38	G1011	152-6712●	0.44	0.41	0.39	0.36
27	65	38	G1013	152-6713●	0.49	0.46	0.43	0.40
22	72	44	G1015	152-6715●	0.54	0.50	0.47	0.44
27	72	44	G1017	152-6717●	0.57	0.52	0.49	0.46
33	88	68	G1018	152-6718●	0.63	0.58	0.54	0.51
33	82	57	G1019	152-6719●	0.71	0.66	0.61	0.57

See page 260 for Rubber Feet

Multipurpose (PCB Guides) ABS (Impact Resistant)



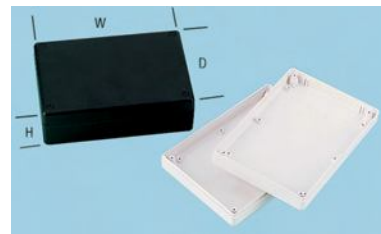
- Wide range of multipurpose boxes
- Integral PCB guides (except 301-292, 301-371 and 645-722)
- Lid retained by M3.5 screws into brass inserts

External Dimensions			No. Screws	Finish	Mfrs. List No.		Grey (RAL7032)
H	W	D			Black	White	
40	61	79	4	Gloss	MB1	MB1W	MB1G
41	76	100	4	Gloss	MB2	MB2W	MB2G
45	98	118	4	Gloss	MB3	MB3W	MB3G
50	80	150	4	Gloss	MB8	MB8W	MB8G
60	100	150	4	Gloss	MB5	MB5W	MB5G
83	177	120	4	Matt	MB7	MB7W	MB7G
85	216	130	6	Matt	MB4	MB4W	MB4G
64	220	150	6	Matt	MB6	MB6W	MB6G

230592

	Mfrs. List No.	Order Code	Price Each			
			1+	50+	100+	500+
Black	MB1	301-243●	2.15	1.99	1.82	1.53
	MB2	301-255●	2.46	2.26	2.04	1.78
	MB3	301-267●	2.82	2.56	2.35	2.01
	MB4	301-279●	8.31	7.67	6.95	5.98
	MB5	301-280●	3.90	3.57	3.25	2.80
	MB6	301-292●	6.30	5.80	5.25	4.52
	MB7	301-309●	5.32	4.90	4.45	3.83
	MB8	301-310●	3.40	3.11	2.83	2.44
White	MB1W	301-322●	2.15	1.99	1.82	1.53
	MB2W	301-334●	2.43	2.24	2.02	1.77
	MB3W	301-346●	2.81	2.55	2.34	2.00
	MB4W	301-358●	8.31	7.67	6.95	5.98
	MB5W	301-360●	3.89	3.57	3.24	2.79
	MB6W	301-371●	6.30	5.80	5.25	4.52
	MB7W	301-383●	5.32	4.90	4.45	3.83
	MB8W	301-395●	3.40	3.11	2.83	2.44
Grey	MB1G	301-401●	2.15	1.99	1.82	1.53
	MB2G	301-413●	2.46	2.26	2.04	1.78
	MB3G	301-425●	2.82	2.56	2.35	2.01
	MB4G	645-710●	8.31	7.67	6.95	5.98
	MB5G	301-437●	3.90	3.57	3.25	2.80
	MB6G	645-722●	6.30	5.80	5.25	4.52
	MB7G	645-795●	5.32	4.90	4.45	3.83
	MB8G	645-709●	3.40	3.11	2.83	2.44

Multipurpose - 'Adaptable' (PCB Guides) ABS



- Attractive matt finish
- Vertical PCB guides and bosses moulded in lid and base of box
- Lid screws can be inserted from either side and can be hidden by matching covers

Mfrs. List No:	AB77W=938-889	AB78W=938-890	AB88W=938-907
	AB78=938-865	AB88=938-877	AB910W=536-8716

AB77=938-853

224368

External Dimensions			Order Code	1+	Price Each			
H	W	D			10+	50+	100+	500+
Black	122	36	938-853●	3.24	3.12	3.04	2.68	2.40
	178	55	938-865●	3.54	3.43	3.34	2.97	2.63
	178	74	938-877●	3.91	3.75	3.67	3.25	2.90
White	178	36	938-889●	3.24	3.12	3.04	2.68	2.40
	178	55	938-890●	3.54	3.43	3.34	2.97	2.63
	178	74	938-907●	3.91	3.75	3.67	3.25	2.90
	65	240	536-8716●	7.91	7.66	7.23	6.30	5.90

Project Enclosure ABS



Flat Lid



Flanged Lid

- Hand-held use or wall mount
- Designed to house P.C. boards



Project & General Purpose Enclosures - continued

Project Enclosure - continued

ABS - continued

- Molded in light grey ABS plastic with a light texture.
- Two part construction, both halves include smooth recessed area for membrane, label or silkscreen
- PCB standoffs are molded into both halves of the enclosure
- Designed to meet IP54.
- Flanged lid version available
- Includes four x M3 assembly screws.

523270

Dimensions (mm)			Mfrs.	Price Each				
H	W	D	List No.	Order Code	1+	10+	25+	50+
Flat Lid								
30	80	60	MCRL6105	163-5157●	1.57	1.44	1.31	1.24
35	125	80	MCRL6215	163-5159●	2.19	2.01	1.84	1.74
40	80	60	MCRL6115	163-5158●	1.72	1.58	1.44	1.38
40	104	65	MCRL6015	163-5170●	2.43	2.23	2.03	1.94
40	144	65	MCRL6035	163-5171●	2.74	2.52	2.30	2.18
40	178	105	MCRL6055	163-5172●	4.65	4.26	3.89	3.70
40	205	105	MCRL6065	163-5174●	5.17	4.74	4.33	4.12
50	125	80	MCRL6225	163-5160●	2.43	2.23	2.03	1.94
60	125	100	MCRL6335	163-5161●	3.30	3.02	2.75	2.62
60	150	100	MCRL6435	163-5163●	3.60	3.31	3.01	2.88
70	175	125	MCRL6555	163-5166●	5.46	5.01	4.56	4.35
70	200	150	MCRL6655	163-5168●	6.66	6.11	5.57	5.30
90	125	100	MCRL6365	163-5162●	4.28	3.93	3.58	3.42
90	150	100	MCRL6465	163-5164●	4.96	4.56	4.15	3.96
100	175	125	MCRL6585	163-5167●	7.73	7.10	6.46	6.16
100	200	150	MCRL6685	163-5169●	8.91	8.17	7.45	7.10
Flanged Lid								
30	80	60	MCRL6105-F	163-5175●	1.88	1.72	1.57	1.50
35	125	80	MCRL6215-F	163-5178●	2.61	2.40	2.18	2.08
40	80	60	MCRL6115-F	163-5176●	2.09	1.92	1.74	1.66
50	125	80	MCRL6225-F	163-5179●	2.74	2.52	2.30	2.18
60	125	100	MCRL6335-F	163-5180●	3.76	3.45	3.14	3.00
60	150	100	MCRL6435-F	163-5182●	4.12	3.78	3.45	3.28
70	175	125	MCRL6555-F	163-5184●	6.16	5.66	5.15	4.91
70	200	150	MCRL6655-F	163-5186●	7.55	6.93	6.30	6.02
90	125	100	MCRL6365-F	163-5181●	4.80	4.41	4.02	3.83
90	150	100	MCRL6465-F	163-5183●	5.49	5.04	4.58	4.37
100	175	125	MCRL6585-F	163-5185●	8.41	7.72	7.03	6.70
100	200	150	MCRL6685-F	163-5187●	9.74	8.95	8.14	7.76

531-911

- Surface mounting box in black ABS with separate self-locking base
- Seven numbered slots provided for wires or 0.25" PCB mounting blades
- Raised panel provided for labels

External Dimensions

H	W	D	Base	Fixing Holes	Fixing Centres	Finish	Mfrs. List No.
84	72	32	105 x 71	2	95 x 5 dia	Matt	PBL2
84	64	46	115 x 64	6	42 x 100 x 4 dia	Matt	PBL3
42	95	100	112 x 120	3	84 x 108 x 5 dia	Matt	PBL7

218851

Mfrs. List No.	Order Code	Price Each			
		1+	50+	100+	500+
PBL2	301-220 ●	1.44	1.30	1.06	0.96
PBL3	301-231 ●	1.53	1.38	1.14	1.04
PBL7	531-911 ●	1.98	1.77	1.65	1.37

Flanged ABS



- Multipurpose, low-cost moulded black ABS
- Slotted fixing lugs
- Base intended as interference fit, but can be glued
- Easily punched or drilled

External Dimensions			Wall Thickness (nom.)	Order Code
H	W	D		
42	42	40	2.5	531-881
34	66	50	2.5	531-893
31	58	58	2.5	531-900

230654

Order Multiple=5

Mfrs. List No.	Order Code	Price Each			
		5+	50+	100+	500+
PBL04	531-881 ●	0.96	0.84	0.81	0.64
PBL06	531-893 ●	1.10	0.98	0.94	0.77
PBL1	531-900 ●	1.10	0.98	0.94	0.77

4

Multipurpose (PCB Guides)

ABS



- Polished white finish
- Lid retained by 4 3.5mm countersunk plated screws into brass inserts
- PCB slots provided in base of 531-868 and in both halves of 531-870

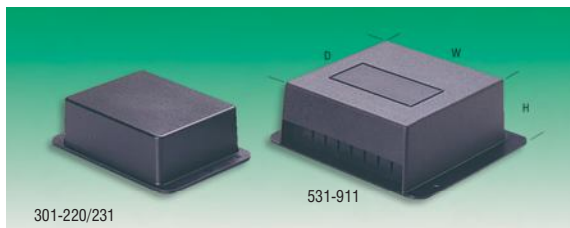
External Dimensions			Wall Thickness (nom.)	Order Code
H	W	D		
143	82	30	3	531-856
143	82	44	3	531-868
143	82	58	3	531-870

230605

Mfrs. List No.	Order Code	Price Each			
		1+	50+	100+	500+
BM11W	531-856 ●	2.86	2.53	2.38	1.98
BM12W	531-868 ●	2.93	2.59	2.46	2.04
BM22W	531-870 ●	3.20	2.89	2.68	2.23

Flanged

ABS (Impact Resistant)



301-220, 301-231

- Bases are loose fitted, secured when box is fitted to a panel or bulkhead
- Alternatively, base may be riveted to box flange to form **tamper proof** enclosure

ABS Lugged IP65 Case 2000 Series



- ABS flanged lid designed to meet an IP65 rating
- Lid mounted by four M3 machine screws
- Brass inserts incorporated into the base allow for repetitive removal of the lid (maintenance)
- Polished finish for a ease of cleaning and superior appearance
- Integral mounting guides designed to accept 1.6mm PCB's

- Resistant to temperatures of up to 85C
- Standard Unit includes Lid, Base and M3 machine screws

493133

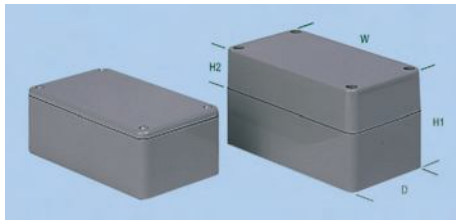
Dimensions (mm)				Mfrs. List No.	Order Code	1 +	Price Each		
H	W	D	50 +				100 +	500 +	
Grey									
27	95	50	2000/10-GY-IP	151-1432●	2.29	2.06	1.90	1.84	
39	105	56	2001/11-GY-IP	151-1433●	2.81	2.53	2.33	2.24	
25	120	50	2002/12-GY-IP	151-1435●	2.64	2.39	2.18	2.11	
31	132	62	2003/13-GY-IP	151-1436●	2.94	2.64	2.43	2.36	
40	140	65	2004/14-GY-IP	151-1438●	4.24	3.82	3.51	3.40	
30	162	80	2030/30-GY-IP	151-1441●	4.35	3.92	3.59	3.48	
50	170	80	2005/15-GY-IP	151-1442●	4.76	4.28	3.94	3.81	
60	210	110	2006/16-GY-IP	151-1443●	7.78	7.01	6.42	6.22	
Black									
27	95	50	2000/10-BLK-IP	151-1444●	2.29	2.06	1.90	1.84	
39	105	56	2001/11-BLK-IP	151-1445●	2.81	2.53	2.33	2.24	
25	120	50	2002/12-BLK-IP	151-1446●	2.64	2.39	2.18	2.11	
31	132	62	2003/13-BLK-IP	151-1447●	2.94	2.64	2.43	2.36	
40	140	65	2004/14-BLK-IP	151-1448●	4.24	3.82	3.51	3.40	
30	162	80	2030/30-BLK-IP	151-1449●	4.35	3.92	3.59	3.48	
50	170	80	2005/15-BLK-IP	151-1450●	4.76	4.28	3.94	3.81	
60	210	110	2006/16-BLK-IP	151-1451●	7.78	7.01	6.42	6.22	
Accessories - Rubber Gasket									
27 x 95 x 50mm				151-1453●	0.34	0.31	0.28	0.27	
39 x 105 x 56mm				151-1454●	0.38	0.34	0.32	0.31	
25 x 120 x 50mm				151-1455●	0.38	0.34	0.32	0.31	
31 x 132 x 62mm				151-1457●	0.42	0.38	0.35	0.34	
40 x 140 x 65mm				151-1458●	0.46	0.42	0.38	0.37	
30 x 162 x 80mm				151-1459●	0.46	0.42	0.38	0.37	
50 x 170 x 80mm				151-1460●	0.54	0.49	0.45	0.44	
60 x 210 x 110mm				151-1461●	0.54	0.49	0.45	0.44	

Multipurpose '2000 Series' (PCB Guides)

ABS



230656



- ABS boxes with shallow or deep lids
- Heat resistant to 85°C

- PCB mounting slots on all sides for 1.5mm thick boards
- Close fitting flanged lid

Mftrs List No.

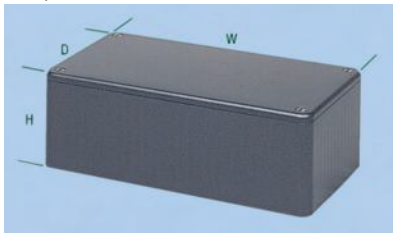
Standard	W	H1	D	Deep Lid	W	H1	H2	D
BIM 2000/10/GY	75	27	50	BIM 2002/22/GY/GY	100	40	19	50
BIM 2001/11/GY	85	39	56	BIM 2004/24/GY/GY	120	60	24	65
BIM 2002/12/GY	100	25	50	BIM 2005/25/GY/GY	150	76	30	80
BIM 2003/13/GY	112	31	62	BIM 2006/26/GY/GY	190	90	34	110
BIM 2004/14/GY	120	40	65					
BIM 2005/15/GY	150	50	80					
BIM 2006/16/GY	190	60	110					
BIM 2008/18/GY	55	42	55					
BIM 2009/19/GY	250	64	200					
BIM 2030/30/GY	144	30	82					

231166

Colour	Mftrs. List No.	Order Code	1+	50+	100+	500+
Standard						
Grey	BIM 2000/10/GY	117-1676●	1.69	1.54	1.42	1.36
Grey	BIM 2001/11/GY	117-1678●	2.47	2.22	2.04	1.98
Grey	BIM 2002/12/GY	117-1679●	2.43	2.05	1.99	1.90
Grey	BIM 2003/13/GY	117-1681●	2.86	2.55	2.39	2.30
Grey	BIM 2004/14/GY	117-1682●	2.99	2.60	2.47	2.37
Grey	BIM 2005/15/GY	117-1684●	3.53	3.01	2.86	2.75
Grey	BIM 2006/16/GY	117-1686●	6.48	5.53	5.28	5.01
Grey	BIM 2008/18/GY	117-1688●	1.89	1.76	1.58	1.50
Grey	BIM 2009/19/GY	117-1691●	7.72	6.84	6.17	5.84
Grey	BIM 2030/30/GY	117-1692●	3.22	2.79	2.68	2.57
Deep Lid						
Grey	BIM 2002/22/GY/GY	117-1680●	2.47	2.19	2.05	1.97
Grey	BIM 2004/24/GY/GY	117-1683●	3.31	2.85	2.68	2.57
Grey	BIM 2005/25/GY/GY	117-1685●	4.21	3.58	3.43	3.28
Grey	BIM 2006/26/GY/GY	117-1687●	7.11	6.06	5.76	5.49

RFI/EMI Shielded - '2000 Series' (PCB Guides)

ABS (Impact Resistant)



- High impact resistant dark grey ABS, internally coated with nickel acrylic
- Internally moulded vertical PCB guides
- Supplied with supports for horizontal PCB mounting

218867

External Dimensions H x W x D (mm)	Mftrs. List No.	Order Code	1+	10+	25+	50+
42 x 55 x 55	BIM 2008/18/EMI/RFI	117-1600●	3.10	2.85	2.57	2.19
27 x 75 x 50	BIM 2000/10/EMI/RFI	117-1592●	3.01	2.78	2.56	2.13
40 x 85 x 56	BIM 2001/11/EMI/RFI	117-1593●	3.87	3.53	3.20	2.69
25 x 100 x 50	BIM 2002/12/EMI/RFI	117-1594●	3.03	2.96	2.86	2.58
31 x 112 x 62	BIM 2003/13/EMI/RFI	117-1595●	3.69	3.46	3.21	2.93
40 x 120 x 65	BIM 2004/14/EMI/RFI	117-1596●	3.70	3.59	3.49	3.13
50 x 150 x 80	BIM 2005/15/EMI/RFI	117-1597●	4.94	4.74	4.65	4.12
60 x 190 x 110	BIM 2006/16/EMI/RFI	117-1599●	7.50	7.30	7.04	6.28

Flanged '2000' Series

ABS



- Flanged ABS boxes with integral PCB guides
- Flanges are moulded on the lid which is retained by four M3 screws
- Supplied with screws and PCB supports

Series	H	W	D
2003	31	112	62
2004	40	120	65
2005	50	150	80

RoHS ● Compliant
▲ Non-compliant

08447 11 11 11

Fax: 08447 11 11 12

235

Multipurpose - '4000 Series' (PCB Guides)

ABS (Aluminium Panel)



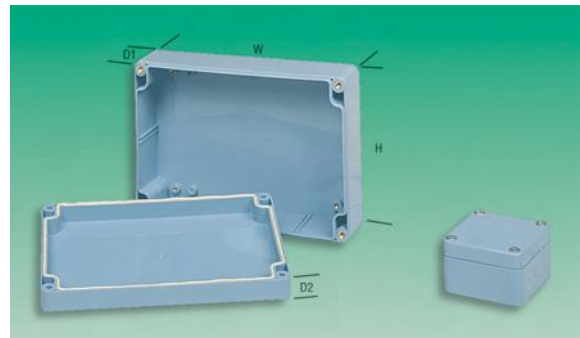
- Moulded in grey ABS with aluminium top panel
- Internally moulded PCB guide slots

219612

External Dimensions H x W x D (mm)	Mftrs. List No.	Order Code	1+	10+	25+	100+
35 x 85 x 56	BIM 4003-GY/PG	117-1603●	2.74	2.56	2.42	2.28
48 x 111 x 71	BIM 4004-GY/PG	117-1605●	3.36	3.19	2.97	2.84
59 x 161 x 96	BIM 4005-GY/PG	117-1606●	4.06	3.77	3.54	3.41

Multipurpose

IP65, ABS



- Easily drilled or punched
- Tongue and groove sealing system with neoprene gasket
- Operating temperature range -20°C to +80°C

218904

External Dimensions				Price Each				
H	W	D1	D2	Order Code	1+	25+	50+	100+
36	184	25	10	NEW 152-6642●	3.42	2.99	2.66	2.35
50	52	25	10	117-5794●	2.69	2.40	2.25	1.98
58	64	25	10	109-4697●	5.31	4.78	4.23	3.72
65	115	25	15	109-4698●	6.98	5.68	4.59	3.97
65	115	35	15	109-4699●	7.34	6.43	5.16	4.47
80	82	40	15	117-5795●	4.65	4.16	3.92	3.45
80	195	45	10	109-4706●	11.50	10.19	8.57	7.70
90	115	40	15	109-4700●	7.58	6.75	5.66	4.89
90	115	65	15	109-4704●	10.19	9.00	7.59	6.59
120	120	30	30	117-5800●	8.30	7.41	6.98	6.15
120	120	60	30	117-5801●	8.86	7.91	7.44	6.56
121	171	40	15	109-4702●	11.10	9.66	7.76	6.72
121	171	40	40	109-4705●	13.12	11.64	9.76	8.43
146	222	40	15	109-4703●	16.02	13.59	10.98	9.52
146	222	40	35	109-4707●	17.49	15.50	13.02	11.33
160	80	40	15	117-5796●	7.53	6.72	6.32	5.57
160	240	75	15	NEW 152-6644●	10.08	8.82	7.87	6.93
160	240	75	45	NEW 152-6645●	11.54	10.09	9.01	7.93
160	160	30	30	117-5802●	12.25	10.91	10.27	9.05
160	160	60	30	117-5803●	13.11	11.69	11.00	9.70
185	265	75	20	NEW 152-6643●	12.22	10.69	9.54	8.40
200	120	60	15	117-5799●	10.19	9.10	8.57	7.55
230	300	56	30	NEW 152-6646●	18.69	16.35	14.60	12.85
230	300	56	55	NEW 152-6647●	19.77	17.30	15.45	13.60
200	360	100	50	NEW 152-6648●	23.28	20.37	18.19	16.00

Over 480,000 products online



Project & General Purpose Enclosures - continued

Multipurpose

ABS and Polycarbonate



- Designed to IP65 NEMA 4 specification.
- Wall mounting holes and cover attaching screws are outside the sealing area thus preventing ingress of moisture and dust.
- Internal bosses allow mounting of PCB horizontally or connection of terminals etc. into threaded inserts.



serts.

- Cover screws are M 4 stainless steel, non-magnetic and fasten into thread brass inserts.
- Recessed area on cover for sticking membrane keyboard.
- ABS in dark grey cover and lid
- Polycarbonate in light grey cover and lid

499210

External Dimensions (mm)			Mftrs.		Price Each			
H	W	D	List No.	Order Code	1+	10+	25+	100+
ABS								
55	100	100	G3101	152-6651●	3.30	3.03	2.83	2.63
90	100	100	G3103	152-6652●	3.84	3.53	3.30	3.07
55	120	80	G3107	152-6653●	3.30	3.03	2.83	2.63
85	120	80	G3109	152-6654●	3.51	3.22	3.02	2.81
90	200	120	G3113	152-6655●	4.86	4.48	4.18	3.90
60	240	120	G3118	152-6656●	4.57	4.20	3.94	3.65
100	240	120	G3121	152-6657●	5.12	4.71	4.42	4.10
55	200	150	G3122	152-6658●	4.51	4.14	3.87	3.60
75	200	150	G3127	152-6659●	4.79	4.42	4.12	3.84
121.5	353	140	G3130	152-6660●	13.81	12.70	11.87	11.05
55	190	190	G3125	152-6661●	6.77	6.23	5.82	5.42
Polycarbonate								
55	100	100	G2100	152-6663●	3.86	3.55	3.32	3.09
90	100	100	G2102	152-6664●	4.27	3.94	3.68	3.43
55	120	80	G2104	152-6665●	4.14	3.81	3.56	3.31
85	120	80	G2105	152-6666●	4.45	4.09	3.82	3.56
90	200	120	G2111	152-6667●	6.59	6.07	5.67	5.27
60	240	120	G2113	152-6668●	6.94	6.39	5.98	5.56
100	240	120	G2117	152-6669●	8.52	7.83	7.32	6.81
55	200	150	G2119	152-6670●	6.65	6.12	5.72	5.31
75	200	150	G2120	152-6671●	6.98	6.42	6.01	5.59
121.5	353	140	G2128	152-6672●	19.32	17.78	16.62	15.46
55	190	190	G2135	152-6673●	8.72	8.02	7.50	6.98

Dimensions (mm)			Mftrs.		Price Each			
H	W	D	List No.	Order Code	1+	10+	25+	100+
Polycarbonate - IP65								
120	90	60	1554F2GY	408-0932●	12.19	11.94	11.71	11.48
120	120	60	1554N2GY	408-1122●	12.19	11.94	11.71	11.48
160	90	60	1554J2GY	408-1043●	11.88	11.65	11.41	11.19
160	160	60	1554R2GY	408-1195●	16.27	15.94	15.63	15.31
160	160	90	1554S2GY	408-1237●	17.63	17.27	16.92	16.59
180	120	60	1554H2GY	407-9334●	16.93	16.60	16.26	15.93
180	120	90	1554T2GY	408-1274●	22.24	21.79	21.35	20.92
200	120	90	1554U2GY	408-1328●	18.97	18.60	18.23	17.86
240	160	90	1554V2GY	408-1377●	28.46	27.89	27.33	26.78
Polycarbonate, Smoked Transparent Lid - IP66								
65	65	40	1554B2GYSL	NEW 163-4838●	8.25	7.76	7.26	6.60
90	90	60	1554E2GYSL	NEW 163-4842●	13.83	13.00	12.17	11.06
120	65	40	1554C2GYSL	NEW 163-4840●	11.83	11.12	10.41	9.46
120	65	60	1554D2GYSL	NEW 163-4841●	13.40	12.60	11.79	10.72
120	90	60	1554F2GYSL	NEW 163-4843●	14.33	13.47	12.61	11.46
120	90	80	1554G2GYSL	NEW 163-4844●	16.55	15.56	14.56	13.24
120	120	60	1554N2GYSL	NEW 163-4848●	15.98	15.02	14.06	12.78
120	120	80	1554P2GYSL	NEW 163-4849●	17.35	16.31	15.27	13.88
160	90	60	1554J2GYSL	NEW 163-4845●	16.13	15.16	14.19	12.90
160	90	90	1554K2GYSL	NEW 163-4846●	16.83	15.82	14.81	13.46
160	160	60	1554R2GYSL	NEW 163-4850●	17.33	16.29	15.25	13.86
160	160	90	1554S2GYSL	NEW 163-4851●	18.90	17.77	16.63	15.12
180	120	60	1554H2GYSL	NEW 163-4839●	18.38	17.27	16.17	14.70
180	120	90	1554T2GYSL	NEW 163-4852●	19.55	18.38	17.20	15.64
200	120	90	1554U2GYSL	NEW 163-4853●	20.23	19.01	17.80	16.18
240	160	90	1554V2GYSL	NEW 163-4854●	24.55	23.08	21.60	19.64

ABS Miniature - '1551' Series



- Ideally suited for mounting printed circuit boards
- 2 PCB stand-offs moulded into interior
- Two piece lap joint construction provides protection against dust accumulation and splashing water (IP54)
- Satin-textured finish, assemblies with two self-tapping screws

230615

Mftrs.		L W D			Order Code		Price Each			
List No.							1+	10+	100+	500+
Black										
1551NBK	35	35	15		100-9496●		1.12	1.07	1.01	0.96
1551MBK	35	35	20		100-9499●		1.12	1.07	1.01	0.96
1551QBK	40	40	15		100-9501●		1.16	1.10	1.05	0.99
1551PBK	40	40	20		100-9504●		1.16	1.10	1.05	0.99
1551GBK	50	35	20		353-6415●		0.84	0.80	0.76	0.71
1551RBK	50	50	20		100-9510●		1.20	1.14	1.08	1.02
1551HBK	60	35	20		353-6427●		1.16	1.10	1.05	0.99
1551LBK	80	40	15		100-9514●		1.20	1.14	1.08	1.02
1551KBK	80	40	20		353-6439●		1.20	1.14	1.08	1.02
Blue										
1551NTBU	35	35	15		NEW 151-1143●		1.12	1.07	1.01	0.96
1551MTBU	35	35	20		NEW 151-1144●		1.12	1.07	1.01	0.96
1551QTBU	40	40	15		NEW 151-1145●		1.16	1.10	1.05	0.99
1551PTBU	40	40	20		NEW 151-1146●		1.16	1.10	1.05	0.99
1551FTBU	50	35	15		NEW 151-1147●		1.16	1.10	1.05	0.99
1551GTBU	50	35	20		NEW 151-1148●		1.16	1.10	1.05	0.99
1551STBU	50	50	15		NEW 151-1149●		1.20	1.14	1.08	1.02
1551RTBU	50	50	20		NEW 151-1150●		1.20	1.14	1.08	1.02
1551JTBU	60	35	15		NEW 151-1151●		1.16	1.10	1.05	0.99
1551HTBU	60	35	20		NEW 151-1152●		1.16	1.10	1.05	0.99
1551LTBU	80	40	15		NEW 151-1153●		1.20	1.14	1.08	1.02
1551KTBU	80	40	20		NEW 151-1155●		1.20	1.14	1.08	1.02
Key Ring Kit (19mm dia.)										
1427KR					353-6476●		0.47	0.45	0.42	0.39

Multipurpose - '1594 Series' (High Impact)

IP54/IP65/Shielded, ABS (Flame Retardant)

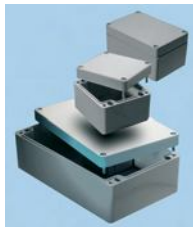


- Rugged electronic instrument boxes, ideal for mounting PCBs
- 3mm thick walls allow box to be used in harsh environments
- Flammability rating of UL94V-0

230616

Watertight Enclosures

Polyester, ABS and Polycarbonate



- Light grey - RAL 7035.
- Design includes a gasketed lid with two piece "tongue and groove" construction.
- Styled lid version has recessed surface on lid for membrane keypad or label
- UL Flammability rating of UL94-HB.
- Designed to meet IP Regulations.
- Includes internal mounting nuts moulded into box and self captivated lid screws.

346109

Dimensions (mm)			Mftrs.		Price Each			
H	W	D	List No.	Order Code	1+	10+	25+	100+
Polyester - IP65								
80	75	55	1590ZGRP081	762-6339●	14.52	14.23	13.94	13.67
110	75	55	1590ZGRP082	762-6347●	16.58	16.25	15.92	15.61
160	75	55	1590ZGRP083	762-6363●	18.70	18.32	17.95	17.60
160	160	90	1590ZGRP161	762-6371●	37.98	37.22	36.48	35.74
220	120	90	1590ZGRP123	762-6380●	33.39	32.72	32.07	31.43
260	160	90	1590ZGRP162	762-6398●	47.43	46.48	45.55	44.65
ABS, Flat Lid - IP66								
65	65	40	1554BGY	408-0750●	6.10	5.98	5.86	5.74
90	90	60	1554EGY	408-0855●	8.14	7.98	7.81	7.66
120	65	40	1554CGY	408-0786●	8.14	—	—	—
120	65	60	1554DGY	408-0828●	8.80	8.63	8.46	8.28
120	90	60	1554FGY	408-0919●	9.49	9.29	9.11	8.93
120	90	80	1554GGY	408-0956●	10.18	9.98	9.77	9.58
120	120	60	1554NGY	408-1109●	11.53	11.29	11.07	10.84
120	120	80	1554PGY	408-1146●	12.34	12.10	11.85	11.62
160	90	60	1554JGY	408-1020●	9.95	9.75	9.56	9.36
160	90	90	1554KGY	408-1067●	12.19	11.94	11.71	11.48
160	160	90	1554SGY	408-1213●	14.92	14.63	14.33	14.05
160	160	60	1554RGY	408-1171●	13.55	13.27	13.01	12.75
180	120	60	1554HGY	408-0981●	14.92	14.63	14.33	14.05
180	120	90	1554TGY	408-1250●	16.27	15.94	15.63	15.31
200	120	90	1554UGY	408-1304●	18.97	18.60	18.23	17.86
240	160	90	1554VGY	408-1353●	21.68	21.25	20.82	20.40
ABS, Styled Lid - IP66								
120	90	80	1555GGY	100-9489●	10.05	9.84	9.65	9.46
160	90	90	1555KGY	100-9490●	12.07	11.82	11.59	11.35
200	120	90	1555UGY	100-9491●	18.75	18.37	18.00	17.65
Polycarbonate - IP65								
90	90	60	1554E2GY	408-0890●	9.49	9.29	9.11	8.93</

External Dimensions			Mfrs	Price Each			
H	W	D	Part No.	Order Code	1 +	10 +	25 +
IP54 Black							
56	56	40	1594ABK	722-741●	3.14	3.06	2.92
56	81	40	1594BBK	722-765●	3.39	3.31	3.14
66	105	45	1594CBK	722-789●	3.85	3.75	3.57
66	131	55	1594DBK	722-807●	4.28	4.17	3.97
107	167	65	1594EBK	722-820●	6.28	6.12	5.81
IP54 Grey							
56	56	40	1594AGY	722-753●	3.14	3.06	2.92
56	81	40	1594BGY	722-777●	3.39	3.31	3.14
66	105	45	1594CGY	722-790●	3.85	3.75	3.57
66	131	55	1594DGY	722-819●	4.28	4.17	3.97
107	167	65	1594EGY	722-832●	6.28	6.12	5.81
IP65 Black							
56	56	40	1594AWBK	722-844●	5.24	4.98	4.72
56	81	40	1594BWBK	722-856●	4.77	4.54	4.29
66	105	45	1594CWBK	722-868●	5.45	5.17	4.91
66	131	55	1594DWBK	722-870●	6.30	5.99	5.67
107	167	65	1594EWBK	722-881●	8.57	8.14	7.71
Accessories							
Black Belt Clip, Black			1599CLIP	353-6282●	1.33	1.27	1.19
Grey Belt Clip, Grey			1599CLIPGY	353-6294●	1.33	1.27	1.19

Heavy Duty Conductive Plastic Enclosures



- Designed for EMI/RFI shielding applications - using conductive plastic (a compound of plastic and stainless steel fibers)
- Rugged electronic instrument enclosures, ideally suited for mounting printed circuit boards
- Heavy duty, thick wall design with an average wall thickness of 3.3 mm
- Molded from a compound of stainless steel fibers and flame retardant ABS

plastic (carries a UL flammability rating of 94V-0)

- Designed to meet **IP54**
- Countersunk lid is secured with four M3 x 0.5 - 0.71" (18 mm) long, Philips machine screws threaded into integral brass bushings
- Perfect for applications with repetitive assembly and disassembly are required
- Black with matte textured finish

Length	Width	Depth (Less Lid)	Mfrs. List No.	Order Code
56	56	28	1594RFIABK	100-9474
81	56	28	1594RFIBBK	100-9475
105	66	33	1594RFICBK	100-9476
131	66	43	1594RFIDBK	100-9477
167	107	53	1594RFIEBK	100-9478

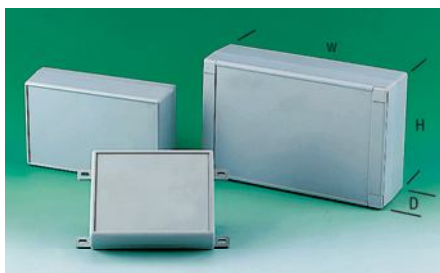
415760

Mfrs. List No.		Price Each			
		Order Code	1+	10+	25+
1594RFIABK	100-9474●		7.28	7.11	6.93
1594RFIBBK	100-9475●		8.34	8.14	7.93
1594RFICBK	100-9476●		10.19	9.94	9.68
1594RFIDBK	100-9477●		13.09	12.77	12.43
1594RFIEBK	100-9478●		18.90	18.42	17.94

Multipurpose - 'Series 7000' (PCB Guides)



IP54, ABS (Impact Resistant)



- Aesthetically pleasing: screw fixings are hidden behind plastic covers
- Keypad area of different sizes is provided on base and lid
- Guides for PCB in vertical mode are incorporated in base and lid together with 5mm high bosses for horizontal fixing
- Some models can be sealed to **IP65** with an optional neoprene gasket
- Optional wall mounting kit available

230617

External Dimensions(mm) H x W x D	Mfrs.		Price Each				
	Size	List No.	Order Code	1+	10+	25+	50+
Boxes							
55 x 90 x 25	1	BIM 7001/11	117-1633●	3.48	3.40	3.34	3.27
55 x 90 x 40	2	BIM 7002/12	117-1634●	3.59	3.52	3.46	3.37
85 x 110 x 35	3	BIM 7003/13	117-1635●	4.23	4.14	4.05	3.96
75 x 127 x 30	4	BIM 7004/14	117-1636●	4.54	4.46	4.36	4.27
75 x 127 x 45	5	BIM 7005/15	117-1637●	4.69	4.60	4.51	4.42
90 x 145 x 45	6	BIM 7006/16	117-1638●	6.39	6.27	6.14	6.00
120 x 190 x 60	7	BIM 7007/17	117-1639●	7.97	7.83	7.69	7.25
145 x 220 x 50	8	BIM 7008/18	117-1642●	9.07	8.88	8.71	8.24
145 x 220 x 80	9	BIM 7009/19	117-1643●	9.60	9.40	9.22	9.00

Gaskets							
1 & 2	BIM712	939-006	0.66	0.60	0.55	0.49	
6	BIM706	939-031	0.94	0.85	0.74	0.68	
8 & 9	BIM789	939-055	2.36	2.15	1.91	1.61	
			Price Per Set				
Wall Mounting Kit - (set of 4)		117-1644●	1.40	1.29	1.16	0.98	

Weatherproof Enclosure
UL 94 HB, Polycarbonate or ABS

- Weatherproof enclosures available in ABS or polycarbonate
- Designed to meet **IP65**
- Flame retardant according to **UL94 HB**
- Polycarbonate in Off White, ABS in Light Grey, colour
- Gasketed lid with two piece "tongue & groove" construction
- Rubber gasket is included and must be field installed
- Internal DIN rail mounting tabs
- All fixings supplied
- All styles have a recessed area in the top covers for labels, membrane keypads etc.
- Wall mounting kit available

499341

Dimensions (mm) Mfrs.				List No.	Order Code	Price Each			
H	W	D	1+			10+	25+	50+	
Polycarbonate									
40	65	60	MCRP1020	152-0402●	3.48	3.32	3.09	2.95	
40	105	75	MCRP1080	NEW 163-5129●	6.87	6.30	5.74	5.48	
40	145	105	MCRP1200	NEW 163-5132●	10.39	9.54	8.69	8.28	
55	85	80	MCRP1060	152-0405●	5.17	4.95	4.61	4.38	
55	105	75	MCRP1090	NEW 163-5131●	7.39	6.78	6.18	5.89	
55	125	85	MCRP1130	152-0407●	6.89	6.60	6.14	5.85	
55	165	85	MCRP1170	152-0413●	8.35	7.99	7.44	7.09	
60	145	105	MCRP1210	NEW 163-5133●	11.23	10.31	9.38	8.95	
60	220	165	MCRP1450	NEW 163-5134●	20.03	18.38	16.74	15.96	
75	165	125	MCRP1240	152-0418●	11.78	11.26	10.50	9.98	
75	186	146	MCRP1280	152-0420●	13.86	13.26	12.35	11.75	
85	125	85	MCRP1150	152-0411●	8.12	7.76	7.23	6.88	
85	165	85	MCRP1180	152-0415●	9.76	9.34	8.70	8.28	
85	220	165	MCRP1460	NEW 163-5135●	21.93	20.14	18.34	17.48	
ABS									
40	65	60	MCRP1025	152-0403●	2.47	2.37	2.19	2.09	
40	105	75	MCRP1085	NEW 163-5136●	4.65	4.26	3.89	3.70	
40	145	105	MCRP1205	NEW 163-5138●	6.87	6.30	5.74	5.48	
55	85	80	MCRP1065	152-0406●	3.20	3.07	2.87	2.71	
55	105	75	MCRP1095	NEW 163-5137●	5.09	4.67	4.25	4.06	
55	125	85	MCRP1135	152-0409●	4.19	4.01	3.73	3.55	
55	165	85	MCRP1175	152-0414●	4.98	4.76	4.44	4.22	
60	145	105	MCRP1215	NEW 163-5139●	7.39	6.78	6.18	5.89	
60	220	165	MCRP1455	NEW 163-5140●	11.55	10.60	9.65	9.20	
75	165	125	MCRP1245	152-0419●	6.17	5.91	5.51	5.23	
75	186	146	MCRP1285	152-0421●	7.36	7.06	6.57	6.25	
85	125	85	MCRP1155	152-0412●	4.91	4.69	4.37	4.16	
85	165	85	MCRP1185	152-0417●	5.51	5.26	4.91	4.67	
85	220	165	MCRP1465	NEW 163-5142●	12.67	11.63	10.59	10.09	
ABS - Clear Polycarbonate Lid									
40	65	60	MCRP1025C	163-5143●	3.30	3.02	2.75	2.62	
40	105	75	MCRP1085C	163-5146●	5.98	5.49	5.00	4.76	
40	145	105	MCRP1205C	163-5149●	8.67	7.96	7.24	6.91	
55	85	80	MCRP1065C	163-5145●	4.49	4.12	3.75	3.58	
55	105	75	MCRP1095C	163-5147●	6.58	6.04	5.50	5.24	
55	125	85	MCRP1135C	163-5148●	6.45	5.92	5.40	5.14	
55	165	85	MCRP1175C	163-5151●	7.33	6.73	6.13	5.85	
60	145	105	MCRP1215C	163-5150●	9.43	8.65	7.89	7.51	
60	220	165	MCRP1455C	163-5155●	16.94	15.56	14.17	13.51	
75	165	125	MCRP1245C	163-5152●	9.24	8.49	7.73	7.36	
75	186	146	MCRP1285C	163-5154●	9.93	9.11	8.29	7.91	
85	220	165	MCRP1465C	163-5156●	18.23	16.73	15.24	14.53	
Accessories									
Wall Mounting Kit MCMF0041					152-0422●	0.91	0.88	0.82	0.78

General Purpose Case

ABS - 1100 Series



- Three different lid versions available, ABS, Transparent Polycarbonate and Aluminium
- Lid is mounted by four M3 machine screws into brass inserts incorporated in the base
- Screws are hidden by rubber plugs (included in delivery)
- Recesses in lid and base are designed to accept membrane keypads and overlays
- Maximised utilization of internal volume due to the absence of integral guides
- Bosses moulded in the base allow easy mounting of PCB's
- Bases in light grey colour and are sealed to IP 54
- Standard Unit includes Lid and Base, 4 x M3 machine screws and 4 x rubber screw covers
- Excellent properties for machining
- Resistant to temperatures up to 85°C



Project & General Purpose Enclosures - continued

General Purpose Case - continued

ABS - 1100 Series - continued

51630

Dimensions (mm)			Mfrs. List No.	Order Code	Price Each			
H	W	D			1+	10+	25+	50+
ABS Lid								
35	50	90	33101001	162-0928●	3.42	3.28	3.15	3.03
40	60	110	33101002	162-0929●	4.11	3.95	3.79	3.64
50	75	125	33101003	162-0930●	5.46	5.24	5.03	4.83
60	95	155	33101004	162-0931●	7.40	7.10	6.81	6.54
75	115	190	33101005	162-0932●	11.76	11.29	10.84	10.40
90	140	220	33101006	162-0933●	14.62	14.04	13.47	12.93
Clear Polycarbonate Lid								
35	50	90	33102001	162-0934●	3.67	3.53	3.39	3.25
40	60	110	33102002	162-0935●	4.37	4.19	4.03	3.87
50	75	125	33102003	162-0936●	5.79	5.56	5.34	5.12
60	95	155	33102004	162-0937●	7.89	7.57	7.26	6.98
75	115	190	33102005	162-0938●	12.53	12.03	11.55	11.09
90	140	220	33102006	162-0941●	15.59	14.96	14.36	13.79
Aluminium Lid								
35	50	90	33103001	162-0942●	4.74	4.55	4.37	4.19
40	60	110	33103002	162-0943●	5.97	5.73	5.51	5.28
50	75	125	33103003	162-0944●	7.55	7.24	6.96	6.68
60	95	155	33103004	162-0945●	10.69	10.26	9.85	9.46
75	115	190	33103005	162-0946●	14.72	14.13	13.57	13.03
90	140	220	33103006	162-0947●	20.04	19.24	18.47	17.74

516307

Small Plastic Enclosures
Flanged and UnflangedHAMMOND
MANUFACTURING

4

- Ideally suited for mounting small printed circuit boards or used as potting boxes
- Flanged lid is perfect for wall or shelf mounting or suspending with a tie wrap
- Satin texture finish
- Complete with lid and self tapping screws
- Screws are color matched to enclosure (nickel plated screws with grey enclosures and black plated with black enclosures)
- Lap joint construction provides protection against access of dust and splashing water
- Designed to meet IP54

Universal Flange Kits		Enclosure Type	Flange Kit
Enclosure Type	Flange Kit		
1591L	1591F1BK-2	1591G	1591F2BK-2
1591A	1591F1BK-2	1591H	1591F1BK-2
1591B	1591F1BK-2	1591S	1591F2BK-2
1591C	1591F1BK-2	1591T	1591F2BK-2
1591D	1591F2BK-2	1591U	1591F3BK-2
1591E	1591F3BK-2	1591V	1591F3BK-2

415759

Mfrs. List No.	Dimensions H x W x D (mm)	Order Code	1 +	10 +	25 +	50 +
ABS - Black. PCB Standoffs - Flanged						
1551NFLBK	35 x 35 x 15	100-9445●	0.87	0.85	0.84	0.83
1551MFLBK	35 x 35 x 20	100-9447●	0.87	0.85	0.84	0.83
1551QFLBK	40 x 40 x 15	100-9451●	0.92	0.90	0.88	0.84
1551PFLBK	40 x 40 x 20	100-9453●	0.92	0.90	0.88	0.84
1551FRLBK	50 x 35 x 15	100-9456●	0.83	0.79	0.77	0.75
1551GFLBK	50 x 35 x 20	100-9458●	0.83	0.79	0.77	0.72
1551RFLBK	50 x 50 x 20	100-9463●	1.02	1.00	0.97	0.94
1551JFLBK	60 x 35 x 15	100-9465●	0.92	0.90	0.88	0.86
1551HFLBK	60 x 35 x 20	100-9467●	0.92	0.90	0.88	0.86
1551LFLBK	80 x 40 x 15	100-9469●	1.02	1.00	0.97	0.94
1551KFLBK	80 x 40 x 20	100-9471●	1.02	1.00	0.97	0.94
ABS - Black. PCB Guides - Flanged						
ABS - Black. PCB Guides - Flanged						
1591MFLBK	85 x 56 x 25	384-8565●	2.42	2.30	2.23	2.18
1591LFLBK	85 x 56 x 39	384-8577●	2.20	2.09	2.04	1.99
1591AFLBK	100 x 50 x 25	384-8589●	2.10	2.01	1.96	1.91
1591SFLBK	110 x 82 x 44	384-8590●	3.68	3.51	3.42	3.33
1591BFLBK	112 x 62 x 31	384-8607●	2.32	2.26	2.14	2.09
1591CFLBK	120 x 65 x 40	384-8619●	3.39	3.22	3.14	3.06
1591TFLBK	120 x 80 x 59	384-8620●	3.89	3.70	3.60	3.51
1591UFLBK	120 x 120 x 59	384-8632●	4.39	4.16	4.07	3.95
1591VFLBK	120 x 120 x 94	384-8644●	5.65	5.37	5.23	5.09
1591GFLBK	121 x 94 x 34	384-8656●	3.68	3.51	3.42	3.33
1591DFLBK	150 x 80 x 50	384-8668●	3.90	3.70	3.60	3.52
1591HFLBK	165 x 71 x 29	384-8670●	3.78	3.61	3.50	3.42
1591EFLBK	191 x 110 x 61	384-8681●	6.34	6.04	5.88	5.70
ABS - Black. PCB Guides - Unflanged						
1591MBK	85 x 56 x 25	443-6842●	2.36	2.23	2.18	2.12
1591LBK	85 x 56 x 39	443-6854●	2.32	2.20	2.14	2.09
1591ABK	100 x 50 x 25	443-6866●	2.10	2.00	1.95	1.90
1591SBK	110 x 82 x 44	443-6878●	3.78	3.60	3.50	3.42
1591BBK	112 x 62 x 31	443-6880●	2.42	2.30	2.24	2.17

Mfrs. List No.	Dimensions H x W x D (mm)	Order Code	1+	10+	25+	50+
ABS - Black. PCB Guides - Unflanged						
1591CBK	120 x 65 x 40	443-6891●	3.45	3.27	3.18	3.09
1591TBK	120 x 80 x 59	443-6908●	3.99	3.79	3.70	3.59
1591UBK	120 x 120 x 59	443-6910●	4.59	4.37	4.25	4.13
1591VBK	120 x 120 x 94	443-6921●	5.45	5.17	5.05	4.91
1591GBK	121 x 94 x 34	443-6933●	3.78	3.60	3.50	3.42
1591DBK	150 x 80 x 50	443-6945●	3.89	3.69	3.60	3.50
1591EBK	191 x 110 x 61	443-6969●	5.78	5.51	5.36	5.21
ABS - Grey. PCB Guides - Unflanged						
1591MGY	85 x 56 x 25	443-6970●	2.36	2.23	2.18	2.12
1591LGY	85 x 56 x 39	443-6982●	2.32	2.20	2.14	2.10
1591AGY	100 x 50 x 25	443-6994●	2.10	2.00	1.95	1.90
1591SGY	110 x 82 x 44	443-7007●	3.78	3.60	3.50	3.42
1591BGY	112 x 62 x 31	443-7019●	2.42	2.30	2.24	2.17
1591CGY	120 x 65 x 40	443-7020●	3.45	3.27	3.18	3.10
1591TGY	120 x 80 x 59	443-7032●	3.99	3.79	3.70	3.59
1591GGY	121 x 94 x 34	443-7068●	3.78	3.61	3.50	3.42
1591DGY	150 x 80 x 50	443-7070●	3.89	3.69	3.61	3.50
1591EGY	191 x 110 x 61	443-7093●	5.78	5.51	5.36	5.21
ABS - Black - Unflanged						
1591XXLBK	40.5 x 87 x 57	124-4187●	3.09	3.00	2.91	2.82
1591XXABK	26.5 x 100 x 51	124-4189●	2.89	2.81	2.72	2.64
1591XXBBK	32.5 x 113 x 63	124-4191●	3.21	3.12	3.03	2.94
1591XXCBK	41.5 x 121 x 66	124-4192●	4.59	4.46	4.33	4.19
1591XXTBK	60.5 x 123 x 83	124-4193●	5.36	5.19	5.04	4.89
1591XXDBK	51.5 x 152 x 82	124-4194●	5.20	5.05	4.90	4.75
1591XXEBK	62.5 x 193 x 113	124-4195●	7.75	7.52	7.29	7.08
ABS - Black - Flanged						
1591XXFLBK	40.5 x 87 x 57	124-4203●	3.09	3.00	2.91	2.82
1591XXAFLBK	26.5 x 100 x 51	124-4204●	2.89	2.81	2.72	2.64
1591XXBFLBK	32.5 x 113 x 63	124-4205●	3.21	3.12	3.03	2.94
1591XXCFLBK	41.5 x 121 x 66	124-4207●	4.59	4.46	4.33	4.19
1591XXTFLBK	60.5 x 123 x 83	124-4208●	5.36	5.19	5.04	4.89
1591XXDFLBK	51.5 x 152 x 82	124-4209●	5.20	5.05	4.90	4.75
1591XXEFLBK	62.5 x 193 x 113	124-4210●	7.75	7.52	7.29	7.08
ABS - Black. PCB Guides - Flanged						
1591MSFLBK	85 x 56 x 25	142-6592●	2.38	2.31	2.23	2.16
1591LSFLBK	85 x 56 x 39	142-6594●	2.14	2.08	2.02	1.96
1591BSFLBK	112 x 62 x 31	142-6597●	2.38	2.31	2.23	2.16
1591CSFLBK	120 x 65 x 40	142-6598●	3.26	3.16	3.07	2.98
1591TSFLBK	120 x 80 x 59	142-6599●	4.21	4.09	3.97	3.85
1591GSFLBK	121 x 94 x 34	142-6602●	4.08	3.96	3.84	3.72
1591DSFLBK	150 x 80 x 50	142-6603●	4.18	4.06	3.94	3.82
1591HSFLBK	165 x 71 x 29	142-6604●	3.24	3.14	3.05	2.96
1591ESFLBK	191 x 110 x 61	142-6605●	5.79	5.62	5.45	5.28

Translucent Polycarbonate

HAMMOND
MANUFACTURING

- Ice blue translucent and red translucent polycarbonate enclosures
- Totally transparent to blue, white and near white LEDs, readouts and displays
- Integral card guide accepts 1.5mm (0.062") PC cards
- Designed to meet IP54
- Flammability rating of UL 94V-0
- Lid secured with M3 x 10mm Philips screws

234239

Mfrs. List No.	L	W	D	Order Code	1+	Price Each 10+	25+
Blue							
1591ATBU	100	50	25	381-8743●	2.42	2.29	2.09
1591XXATBU	100	51	25	NEW 151-1174●	2.45	2.33	2.20
1591XXLTBU	87	57	39	NEW 151-1173●	3.26	3.10	2.94
1591BTBU	112	62	31	381-8755●	2.52	2.38	2.17
1591XBTTBU	113	63	31	NEW 151-1175●	2.65	2.52	2.39
1591CTBU	120	65	40	381-8767●	3.55	3.35	3.06
1591XXCTBU	121	66	40	NEW 151-1176●	3.75	3.57	3.38
1591DTBU	150	80	50	381-8779●	4.68	4.58	4.33
1591XXDTBU	122	82	50	NEW 151-1179●	4.79	4.56	4.32
1591XXTTBU	123	83	59	NEW 151-1177●	4.16	3.96	3.74
1591ETBU	191	110	61	381-8780●	7.89	7.69	7.29
1591XXETBU	193	113	61	NEW 151-1181●	8.08	7.67	7.27

External Dimensions Mfrs.				Price Each			
H	W	D	List No.	Order Code	1+	25+	500+
36	90	30	G102	117-5781	6.72	6.26	5.65
58	64	35	G104	109-4718	7.28	7.05	6.67
65	115	30	G106	109-4719	6.85	6.67	6.13
65	115	55	G111	109-4720	7.84	7.62	7.30
90	115	55	G113	109-4721	7.91	7.70	7.35
108	148	75	G115	117-5782	15.57	14.14	12.96
120.5	120.5	102.5	G137	NEW 152-6684	8.97	8.25	7.72
121	171	55	G120	117-5783	15.87	14.40	13.22
146	222	55	G124	NEW 152-6683	11.26	10.35	9.69
146	220	82	G125	NEW 152-6685	14.81	13.62	12.74
158.5	158.5	102	G139	NEW 152-6687	14.81	13.62	12.74

Multipurpose (Standard & Flanged Lid)

IP54/IP65 Diecast



- Rugged electronic enclosure, diecast in aluminium alloy
- Easy to machine, perfect for audio and RF shielding
- RF/EMI shielded
- Lap jointed lid, fastened by machine screws into threaded holes
- Standard and flanged lid versions meet IP54
- Watertight IP65 versions of standard and flanged lid complete the range

311657

External Dimensions L x W x D (mm)		Mfrs. List No.	Order Code	1+	5+	10+	25+
Standard Box							
27 x 52.5 x 38	1590H	427-3059	3.96	3.88	3.79	3.72	
27 x 46.5 x 50.5	1590LB	929-980	4.94	4.58	4.38	4.16	
27 x 92.5 x 38.5	1590A	306-1589	5.20	5.10	5.00	4.90	
21 x 100 x 50	1590G	382-4410	6.07	5.95	5.82	5.71	
27 x 111.5 x 59.5	1590B	306-1590	6.68	6.55	6.42	6.28	
40 x 110.5 x 81.5	1590S	929-992	7.10	6.67	6.40	6.12	
30 x 118.5 x 93.5	1590BB	930-003	6.15	5.77	5.54	5.29	
35.3 x 121.1 x 66	1590N1	382-4421	9.72	9.53	9.33	9.15	
45 x 145 x 95	1590J	427-3060	8.85	8.68	8.51	8.33	
33 x 188 x 119.5	1590DD	306-1607	16.30	15.97	15.66	15.34	
57 x 192 x 111	1590R1	382-4433	15.28	14.97	14.68	14.38	
46 x 153 x 82	1590P1	306-1619	10.08	9.87	9.68	9.49	
50 x 50 x 25	1590LLB	100-9517	4.23	4.15	4.07	3.99	
56 x 187.5 x 119.5	1590D	306-1620	16.05	15.73	15.41	15.11	
52.5 x 120 x 94	1590C	306-1632	8.60	8.43	8.25	8.09	
55 x 120.5 x 79.5	1590T	930-015	6.59	6.20	5.95	5.69	
55 x 119.5 x 119.5	1590U	930-027	10.88	10.24	9.80	9.36	
75 x 125 x 125	1590K	427-3072	13.29	13.03	12.76	12.51	
90 x 119.5 x 119.5	1590V	930-039	11.28	10.63	10.18	9.71	
92 x 92 x 42	1590Y	100-9518	8.87	8.70	8.53	8.35	
63.5 x 187.5 x 187.5	1590F	930-040	16.38	15.40	14.77	14.11	
78 x 187.5 x 119.5	1590E	306-1644	15.50	15.20	14.89	14.60	
120 x 120 x 34	1590Q	100-9519	10.25	10.05	9.84	9.65	
125 x 125 x 57	1590KK	100-9520	13.19	12.92	12.67	12.41	

Watertight Standard Box							
27 x 92.5 x 38.5	1590WA	306-1668	5.76	5.65	5.54	5.43	
21 x 96 x 46	1590WG	382-4445	7.55	7.40	7.25	7.11	
27 x 111.5 x 59.5	1590WB	306-1670	7.45	7.29	7.15	7.01	
30 x 118.5 x 93.5	1590WB	306-1681	9.13	8.95	8.76	8.59	
46 x 153 x 82	1590WP1	306-1711	11.73	11.50	11.26	11.04	
52 x 187.5 x 119.5	1590WD	306-1723	18.60	18.23	17.86	17.50	
52.5 x 120 x 94	1590WC	306-1735	9.28	9.10	8.92	8.74	
55 x 119.5 x 119.5	1590WU	306-1759	14.62	14.32	14.04	13.75	
63 x 187.5 x 187.5	1590WF	306-1760	22.62	22.18	21.74	21.30	
78 x 187.5 x 119.5	1590WE	306-1772	18.00	17.65	17.29	16.94	
120 x 120 x 34	1590WQ	100-9528	12.63	12.37	12.13	11.88	

Flanged Lid Box							
27 x 50.5 x 50.5	1590BFL	306-1796	5.90	5.77	5.66	5.55	
27 x 92.5 x 38.5	1590AFL	306-1802	5.20	5.10	5.00	4.90	
21 x 100 x 50	1590GFL	382-4470	6.07	5.95	5.82	5.71	
27 x 111.5 x 59.5	1590BFL	306-1814	6.68	6.55	6.42	6.28	
30 x 118.5 x 93.5	1590BBFL	306-1826	7.60	7.45	7.29	7.15	
35.3 x 121.1 x 66	1590N1FL	382-4482	10.03	9.82	9.63	9.44	
57 x 192 x 111	1590R1FL	382-4494	14.84	14.55	14.25	13.96	
40 x 110.5 x 81.5	1590SFL	306-1840	6.95	6.70	6.50	6.20	
46 x 153 x 82	1590P1FL	306-1851	10.38	10.18	9.98	9.77	
52 x 187.5 x 119.5	1590DFL	306-1917	16.05	15.73	15.41	15.11	
52.5 x 120 x 94	1590CFL	306-1929	8.72	8.55	8.37	8.21	
55 x 120.5 x 79.5	1590TFL	306-1930	8.14	7.98	7.81	7.66	
55 x 119.5 x 119.5	1590UFL	306-1942	11.68	11.44	11.22	11.00	
63 x 187.5 x 187.5	1590FFL	306-1954	19.99	19.59	19.21	18.82	
78 x 187.5 x 119.5	1590EFL	306-1966	15.50	15.20	14.89	14.60	
90 x 119.5 x 119.5	1590VFL	306-1978	14.11	13.82	13.55	13.27	

Watertight Flanged Lid Box							
27 x 92.5 x 38.5	1590WAF	306-1991	5.76	5.65	5.54	5.43	
21 x 100 x 50	1590WGF	384-2575	7.55	7.40	7.25	7.11	
27 x 111.5 x 59.5	1590WBF	306-2004	7.60	7.45	7.29	7.15	
30 x 118.5 x 93.5	1590WBFL	306-2016	9.38	9.20	9.02	8.83	
35.3 x 121.1 x 66	1590WN1FL	384-2587	11.22	11.00	10.77	10.56	
33 x 188 x 119.5	1590WDDFL	306-2028	18.82	18.44	18.07	17.72	
40 x 110.5 x 81.5	1590WSFL	306-2030	10.18	9.98	9.77	9.58	
46 x 153 x 82	1590WP1FL	306-2041	11.73	11.50	11.26	11.04	
52 x 187.5 x 119.5	1590WDFL	306-2053	18.60	18.23	17.86	17.50	
55 x 120.5 x 79.5	1590WTF	306-2077	9.74	9.55	9.35	9.17	

Standard Black Box							
50 x 50 x 21	1590LLBBK	100-9521	5.97	5.85	5.73	5.62	
50.5 x 50.5 x 27	1590LBK	443-7100	7.75	7.60	7.45	7.29	
52.5 x 38 x 27	1590HBK	443-7111	7.55	7.40	7.25	7.11	
92.5 x 38.5 x 27	1590ABK	443-7123	7.60	7.45	7.29	7.15	

External Dimensions L x W x D (mm)		Mfrs. List No.	Order Code	1+	5+	10+	25+
Standard Black Box							
92 x 92 x 38	1590YBK	100-9522	11.02	10.79	10.58	10.36	
100 x 50 x 21	1590GBK	443-7135	8.06	7.90	7.74	7.59	
110.5 x 81.5 x 40	1590SBK	443-7147	12.04	11.79	11.56	11.32	
111.5 x 59.5 x 27	1590BBK	443-7159	10.05	9.84	9.65	9.46	
118.5 x 93.5 x 30	1590BBBK	443-7160	11.25	11.03	10.80	10.59	
119.5 x 119.5 x 55	1590UBK	443-7172	13.77	13.50	13.23	12.96	
120 x 94 x 52.5	1590CBK	443-7196	12.07	11.82	11.59	11.35	
120.5 x 79.5 x 55	1590TBK	443-7202	10.76	10.55	10.33	10.13	
120 x 120 x 30	1590QBK	100-9523	12.14	11.89	11.66	11.42	
121.1 x 66 x 35.3	1590N1BK	443-7214	13.19	12.92	12.67	12.41	
125 x 125 x 75	1590KBK	443-7226	13.55	13.27	13.01	12.75	
145 x 95 x 45	1590JBK	443-7238	10.28	10.08	9.87	9.68	
153 x 82 x 46	1590P1BK	443-7240	14.31	14.03	13.75	13.47	
187 x 119 x 56	1590DBK	443-7251	17.85	17.49	17.15	16.80	
187.5 x 119.5 x 78	1590EBK	443-7263	20.48	20.07	19.68	19.28	
187.5 x 187.5 x 63	1590FBK	443-7275	25.33	24.82	24.32	23.83	
187.5 x 119.5 x 52	1590DBBK	443-7287	20.28	19.87	19.47	19.08	
192 x 111 x 57	1590R1BK	443-7299	17.12	16.77	16.43	16.11	

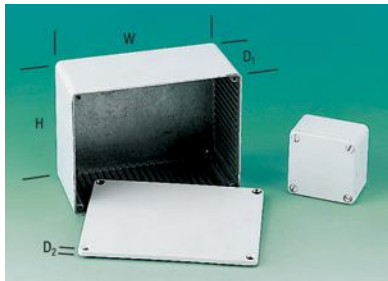
Flanged Lid Black Box							
50 x 50 x 27	1590LBFLBK	443-7305	7.75	7.60	7.45	7.29	
92.5 x 38.5 x 27	1590AFLBK	443-7317	7.60	7.45	7.29	7.15	
100 x 50 x 21	1590GFLBK	443-7329	8.06	7.90	7.74	7.59	
110.5 x 81.5 x 40	1590SFLBK	443-7330	12.39	12.15	11.90	11.67	
111.5 x 59.5 x 27	1590BFLBK	443-7342	10.05	9.84	9.65	9.46	
118.5 x 93.5 x 30	1590BBFLBK	443-7354	11.25	11.03	10.80	10.59	
119.5 x 119.5 x 55	1590UFLBK	443-7366	13.77	13.50	13.23	12.96	
120 x 94 x 52.5	1590CFLBK	443-7380	12.07	11.82	11.59	11.35	
120.5 x 79.5 x 55	1590TFLBK	443-7391	10.76	10.55	10.33	10.13	
121.1 x 66 x 35.3	1590N1FLBK	443-7408	13.19	12.92	12.67	12.41	
153 x 82 x 46	1590P1FLBK	443-7410	14.31	14.03	13.75	13.47	
187.5 x 119.5 x 52	1590DFLBK	443-7421	20.28	19.87	19.47	19.08	
187.5 x 119.5 x 63	1590EFLBK	443-7433	20.48	20.07	19.68	19.28	
187.5 x 187.5 x 63	1590FFLBK	443-7445	25.33	24.82	24.32	23.83	
188 x 119.5 x 33	1590DDFLBK	443-7457	20.28	19.87	19.47	19.08	
192 x 111 x 61	1590R1FLBK	443-7469	17.12	16.77	16.43	16.11	

Watertight Standard Lid Black Box							
50 x 50 x 31	1590WLBK	443-7470	8.67	8.50	8.32	8.16	
92.5 x 38.5 x 31	1590WABK	443-7494	9.26	9.08	8.89	8.72	
100 x 50 x 25	1590WGBK	443-7500	10.81	10.60	10.38	10.18	
110.5 x 82.5 x 44	1590WSBK	443-7512	13.77	13.50	13.23	12.96	
112 x 60.5 x 31	1590WBBK	443-7524	10.71	10.50	10.28	10.08	
119.5 x 94 x 35	1590WBBBK	443-7536	12.60	12.34	12.10	11.85	
121.1 x 66 x 35.3	1590WN1BK	443-7585	15.10	14.79	14.49	14.21	
153 x 82 x 46	1590WP1BK	443-7615	15.64	15.32	15.01	14.72	
187.5 x 119.5 x 52	1590WDBK	443-7627	22.98	22.52	22.07	21.63	
187.5 x 119.5 x 78	1590WEBK	443-7639	23.13	22.68	22.23	21.78	
187.5 x 119.5 x 63	1590WFBK	443-7640	28.13	27.57	27.02	26.48	

Project & General Purpose Enclosures - continued

Multipurpose '5000 Series' - continued

Mfrs. List No.	Order Code	Price Each			
		1+	50+	100+	500+
Unpainted					
BIM 5005/15	117-1668●	7.10	6.51	5.85	5.07
BIM 5006/16	117-1671●	9.67	8.88	7.95	6.91
BIM 5007/17	117-1673●	7.70	7.07	6.35	5.51
Black					
BIM 5001/11 BLK	117-1659●	4.14	4.05	3.98	3.89
BIM 5002/12 BLK	117-1661●	5.41	5.29	5.18	5.07
BIM 5003/13 BLK	117-1664●	6.14	6.02	5.90	5.78
BIM 5004/14 BLK	117-1667●	7.71	7.54	7.39	7.25
BIM 5005/15 BLK	117-1669●	10.06	9.85	9.64	9.44
BIM 5006/16 BLK	117-1672●	12.67	12.42	12.18	11.94
BIM 5007/17 BLK	117-1674●	10.58	10.35	10.16	9.97
Accessories					
Mounting Feet (Set Of 4)	117-1675●	1.05	0.98	0.87	0.75
BIM 5001/GASKET	137-3721●	1.19	1.06	0.96	0.91
BIM 5002/GASKET	137-3722●	1.42	1.26	1.14	1.07
BIM 5003/GASKET	137-3723●	1.84	1.63	1.48	1.39
BIM 5004/GASKET	137-3724●	2.22	1.97	1.77	1.66
BIM 5005/GASKET	137-3725●	2.54	2.25	2.02	1.89
BIM 5006/GASKET	137-3726●	2.93	2.61	2.34	2.19

Multipurpose - '5000 Series' (PCB Guides)
IP65, Diecast (Nylon Coated)

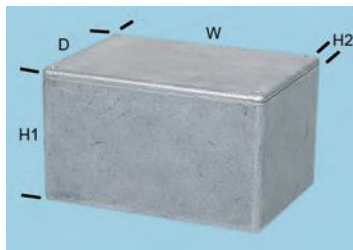
- Nylon coated (75 Microns) diecast boxes
- Each has 1.5mm (0.62") slots for PCBs
- Optional wall mounting feet available

230603

External Dimensions					Order Code	Price Each			
H	W	D ₁	D ₂	Size		1+	50+	100+	500+
Boxes									
50	50	27	4	1	117-1624●	4.14	4.01	3.93	3.80
50	100	21	4	2	117-1625●	5.41	5.22	5.11	4.96
62	112	27	4	3	117-1626●	6.29	6.10	5.97	5.76
65	120	36	4	4	117-1627●	7.71	7.46	7.32	7.08
81	151	46	4	5	117-1629●	9.69	9.40	9.22	8.89
110	190	56	4	6	117-1631●	12.67	12.28	12.02	11.65
95	121	57	4	7	117-1632●	10.70	10.35	10.16	9.85
						Price Per Set			
						1+			
Wall Mounting Feet (Set of 4)					117-1675●	1.05			

Multipurpose (PCB Guides)

Diecast



- Aluminium diecast boxes to **LM24**. Internal lip provides RFI/EMI shielding
- Selected boxes have internal PCB guide slots

External Dimensions				Internal Guide Slots	Mfrs. List No.	Order Code
H ₁	H ₂	W	D			
34	4	60	55	YES	459-0150	278-804
80	4	55	25	YES	459-0140	525-595
88.9	4	34.9	29.5	NO	459-0010	525-601
114.3	4	63.5	29.5	NO	459-0020	525-613
114.3	4	63.5	54.9	NO	459-0040	525-625
114.3	4	88.9	54.9	NO	459-0030	525-637
54.9	4	120.6	54.9	NO	459-0050	525-649
109.7	4	171.5	120.6	NO	459-0060	525-650
59	4	222.3	146	NO	459-0070	278-841
109.7	4	222.3	146	NO	459-0080	278-853

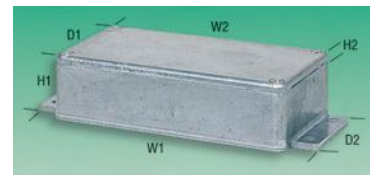
39	4	120	100	YES	459-0120	278-816
139.7	4	101.6	76	YES	459-0100	278-828
80	4	165	127	YES	459-0110	278-830
69	4	275	175	YES	459-0090	278-865
104	4	250	250	YES	459-0130	278-877

230662

Order Code	Price Each					
	1+	25+	50+	100+	250+	500+
278-804●	2.98	2.89	2.80	2.72	2.64	2.56
525-595●	3.59	3.49	3.39	3.28	3.18	3.09
525-601●	3.56	3.46	3.36	3.25	3.16	3.07
525-613●	4.07	3.95	3.83	3.72	3.60	3.50
525-625●	4.83	4.69	4.55	4.42	4.27	4.15
525-637●	5.69	5.53	5.36	5.20	5.05	4.88
525-649●	8.74	8.48	8.22	7.97	7.73	7.51
525-650●	13.80	13.39	12.98	12.59	12.22	11.86
278-841●	14.41	13.98	13.56	13.15	12.77	12.38
278-853●	20.20	19.59	19.00	18.43	17.88	17.35
278-816●	11.63	11.28	10.93	10.61	10.28	9.97
278-828●	15.67	15.21	14.76	14.31	13.89	13.47
278-830●	20.57	19.96	19.35	18.77	18.21	17.66
278-865●	29.59	28.69	27.84	27.00	26.20	25.41
278-877●	37.03	35.91	34.84	33.79	32.77	31.79

Flanged, RFI/EMI Shielded (PCB Guides)

Diecast



- Aluminium diecast boxes with pre-drilled mounting flanges
- Flanges allow box to be surface mounted without restriction of internal mounting screws
- Supplied unfinished, but will accept most finishes with minimum preparation

Mfrs. List No.	Order Code	W ₂	D ₁	H ₁	H ₂	D ₂	W ₁	Flange Hole
								Fixing Centres
455-0010	278-889	89	35	30	4	25	114	102 x 5 dia
455-0020	278-890	114	64	30	4	45	140	127 x 30 x 5 dia
455-0040	278-907	115	64	55	4	45	140	127 x 30 x 5 dia
455-0030	278-919	114	89	55	4	69	140	127 x 50 x 5 dia
455-0120	278-920	120	100	35	4	80	150	137 x 60 x 5 dia
455-0100	278-932	140	102	76	4	80	170	157 x 60 x 5 dia
455-0050	278-956	172	121	55	4	100	202	189 x 80 x 5 dia
455-0060	278-968	172	121	106	4	100	202	189 x 80 x 5 dia
455-0070	278-970	222	146	55	4	118	252	239 x 98 x 5 dia

230664

Order Code	Price Each			
	1+	10+	25+	100+
278-889●	9.84	9.54	9.26	8.97
278-890●	10.41	10.11	9.81	9.51
278-907●	13.17	12.78	12.39	12.02
278-919●	12.30	11.93	11.56	11.22
278-920●	21.42	20.78	20.16	19.56
278-932●	29.55	28.65	27.80	26.96
278-956●	19.44	18.85	18.28	17.73
278-968●	27.44	26.61	25.82	25.04
278-970●	30.49	29.58	28.68	27.83

Multipurpose, RFI/EMI Shielded

IP66, Diecast



- Aluminium diecast boxes to **LM24**
- Supplied with adhesive backed neoprene seal
- Internal guide slots available on selected boxes
- RFI/EMI shielded without seal

External Dimensions				No. Lid Fixing Screws	Internal Guide Slots	Mfrs. List No.	Order Code
H	W	D ₁	D ₂				
55	80	26	5	4	YES	460-0140	587-618
64	114	31	5	4	NO	460-0020	279-043
64	114	56	5	4	NO	460-0040	279-055
89	114	56	5	4	NO	460-0030	279-067
100	120	36	5	4	YES	460-0120	587-590
102	140	77	5	4	YES	460-0100	279-079
127	165	77	5	6	YES	460-0110	279-080
121	172	56	5	6	NO	460-0050	279-092
121	172	107	5	6	NO	460-0060	279-109
146	222	56	5	6	NO	460-0070	279-110
146	222	107	5	6	NO	460-0080	279-122
250	250	101	5	8	YES	460-0130	587-606
175	275	66	5	6	YES	460-0090	587-588

218893

Order Code	Price Each			
	1+	10+	25+	100+
587-618●	7.22	7.00	6.79	6.59
279-043●	8.20	7.95	7.71	7.49
279-055●	9.39	9.12	8.84	8.58
279-067●	9.96	9.66	9.37	9.09
587-590●	10.27	9.96	9.66	9.37
279-079●	17.95	17.41	16.89	16.38
279-080●	20.51	19.89	19.30	18.72
279-092●	12.64	12.26	11.89	11.53
279-109●	16.67	16.17	15.68	15.22
279-110●	19.06	18.49	17.94	17.40
279-122●	24.40	23.67	22.95	22.26
587-606●	34.35	33.31	32.31	31.34
587-588●	24.09	23.36	22.66	21.97

Flanged, RFI/EMI Shielded (PCB Guides)

IP66, Diecast



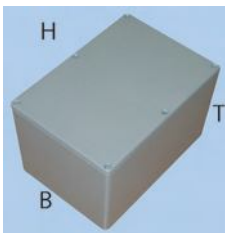
- Flanged aluminium diecast boxes to LM24
- Supplied with adhesive backed neoprene rubber seal
- RFI/EMI shielded without seal

External Dimensions						Flange Hole Fixing Centres	Mfrs. List No.	Order Code
H1	H2	W1	W2	D1	D2			
35	25	114	89	26	5	102 x 5 x dia.	456-0010	279-134
64	45	140	114	26	5	128 x 30 x 5 x dia.	456-0020	279-146
64	45	140	115	51	5	127 x 30 x 5 x dia.	456-0040	525-662
89	69	140	114	51	5	127 x 50 x 5 x dia.	456-0030	279-158
100	80	150	120	31	5	137 x 60 x 5 x dia.	456-0120	587-679
102	80	170	140	72	5	157 x 60 x 5 x dia.	456-0100	587-655
121	100	202	172	51	5	189 x 80 x 5 x dia.	456-0050	587-631
146	118	252	223	51	5	239 x 98 x 5 x dia.	456-0070	587-643

218891

Order Code	Price Each			
	1+	10+	25+	100+
279-134●	12.65	12.27	11.90	11.54
279-146●	12.80	12.41	12.04	11.68
525-662●	14.11	13.68	13.28	12.88
279-158●	13.11	12.73	12.34	11.97
587-679●	25.70	24.93	24.19	23.46
587-655●	32.56	31.59	30.63	29.71
587-631●	23.20	22.51	21.83	21.18
587-643●	32.98	31.98	31.02	30.09

Powder Coated Grey & Black Aluminium Enclosures



A range of diecast boxes in various sizes, manufactured in a robust aluminium alloy. These lightweight enclosures provide excellent screening against EMI/RFI and are therefore ideal housing for electronic components and circuits. The close fitting lid is secured using countersunk screws. Available in Black (RAL 9005) or Grey (BS4800/18B25). Screw size M3.5 x 9mm.

Operating Temperature -40 to 110°C (In Air)

Dimensions			Mfrs.	
W	H	D	List No.	Order Code
Grey				
34.9	88.9	29.5	461-0010	916-5649
64	114.5	29.5	461-0020	916-5665
90.5	115.7	54.9	461-0030	916-5681
64.5	115.3	54.9	461-0040	916-5703
120.6	171.5	54.9	461-0050	916-5720
120.6	171.5	105.7	461-0060	916-5746
146	222.3	55	461-0070	916-5754
146	222.3	105.7	461-0080	916-5770
175	275	65	461-0090 *	916-5789
101.6	139.7	76	461-0100 *	916-5800
250	250	100	461-0130 *	916-5843
Black				
34.9	88.9	29.5	461-0010E	916-5657
64	114.5	29.5	461-0020E	916-5673
90.5	115.7	54.9	461-0030E	916-5690
64.5	115.3	54.9	461-0040E	916-5711
120.6	171.5	54.9	461-0050E	916-5738
146	222.3	55	461-0070E	916-5762
175	275	65	461-0090E *	916-5797
127	165	76	461-0110E *	916-5819
250	250	100	461-0130E *	916-5851

* - Available with Integral PCB Guides

403718

Mfrs. List No.	Order Code	Price Each			
		1+	10+	25+	50+
Grey					
461-0010	916-5649●	4.90	4.75	4.61	4.48
461-0020	916-5665●	6.23	6.05	5.86	5.68
461-0030	916-5681●	9.89	9.59	9.30	9.01
461-0040	916-5703●	6.95	6.75	6.55	6.34
461-0050	916-5720●	12.82	12.43	12.06	11.70
461-0060	916-5746●	16.58	16.08	15.59	15.12
461-0070	916-5754●	11.82	11.46	11.12	10.78
461-0080	916-5770●	21.22	20.59	19.98	19.37
461-0090	916-5789●	23.71	22.99	22.30	21.63
461-0100	916-5800●	16.15	15.66	15.20	14.75
461-0130	916-5843●	34.78	33.74	32.72	31.74
Black					
461-0010E	916-5657●	4.90	4.75	4.61	4.48
461-0020E	916-5673●	6.23	6.05	5.86	5.68
461-0030E	916-5690●	9.89	9.59	9.30	9.01
461-0040E	916-5711●	6.95	6.75	6.55	6.34
461-0050E	916-5738●	12.82	12.43	12.06	11.70
461-0070E	916-5762●	18.74	18.18	17.63	17.10
461-0090E	916-5797●	23.71	22.99	22.30	21.63
461-0110E	916-5819●	17.40	16.88	16.37	15.89
461-0130E	916-5851●	34.78	33.74	32.72	31.74

Heavy-Duty, Watertight

IP65 Sealed



- Rugged, thick wall, diecast aluminium alloy
- Easy wall mounting using through box - blind holes
- Gasket mounts in cast lid groove, compressed by box tongue
- Painted version is grey (RAL 7001)
- Includes all stainless steel captive hardware
- Internal earthing screws are copper plated
- Models 1590Z100, 119, 120, 150, 160, 162, 166 & 231 include an internal mounting shelf

Mfrs. List No.	L	W	D	Mfrs. List No.	L	W	D
Unpainted							
1590Z060	50	45	30	1590Z100GY	75	80	52
1590Z061	64	58	36	1590Z110GY	75	80	52
1590Z062	98	64	36	1590Z119GY	122	120	80
1590Z063	150	64	36	1590Z120GY	125	80	58
1590Z100	75	80	52	1590Z130GY	175	80	52
1590Z110	75	80	52	1590Z135GY	175	80	60
1590Z119	122	120	80	1590Z150GY	220	120	80
1590Z120	125	80	58	1590Z160GY	160	160	90
1590Z130	175	80	52	1590Z162GY	260	159	90
1590Z135	175	80	60	1590Z166GY	160	360	90
1590Z150	220	120	80	1590Z2231GY	200	230	112
1590Z160	160	160	90	Black			
1590Z162	260	159	90	1590Z061BK	58	64	36
1590Z166	160	360	90	1590Z062BK	64	98	36
1590Z231	200	230	112	1590Z100BK	80	75	52
Painted				1590Z120BK	80	125	58
1590Z060GY	50	45	30	1590Z130BK	80	175	52
1590Z061GY	64	58	36	1590Z150BK	120	220	80
1590Z062GY	98	64	36	1590Z162BK	159	260	90
				1590Z231BK	200	230	112

230609

Mfrs. List No.	Order Code	1+	10+	100+	250+	500+
Unpainted						
1590Z060	353-5939●	9.50	8.94	8.18	7.74	7.09
1590Z061	353-5940●	9.69	9.12	8.35	7.91	7.23
1590Z062	353-5952●	9.89	9.30	8.53	8.07	7.39
1590Z063	353-5964●	9.78	9.20	8.43	8.25	7.45
1590Z100	353-5976●	9.99	9.38	8.60	8.42	7.60
1590Z110	353-5988●	10.05	9.47	8.65	8.47	7.66
1590Z119	353-5990●	22.29	20.96	19.17	18.79	17.38
1590Z120	353-6002●	12.65	11.89	10.89	10.68	10.47
1590Z130	353-6014●	14.98	14.09	12.89	12.64	11.64
1590Z135	353-6026●	15.65	14.72	13.46	12.80	12.03
1590Z150	353-6038●	26.08	24.53	22.44	21.99	20.48
1590Z160	353-6040●	29.35	27.59	25.25	24.75	24.26
1590Z162	353-6051●	33.15	31.17	28.53	27.97	27.42
1590Z166	762-6169●	43.48	42.40	40.24	37.36	35.39
1590Z231	353-6063●	53.55	50.34	46.05	45.15	44.26
Painted						
1590Z060GY	353-6075●	19.85	17.19	15.87	15.17	13.47
1590Z061GY	353-6087●	25.92	22.48	20.73	19.85	17.62
1590Z062GY	353-6099●	22.22	19.28	17.76	16.98	15.08
1590Z100GY	353-6117●	21.41	18.55	18.02	16.39	14.99
1590Z110GY	353-6129●	21.41	18.55	17.13	16.39	14.99
1590Z119GY	353-6130●	48.91	42.40	39.16	37.41	33.21
1590Z120GY	353-6142●	28.55	25.24	23.31	22.28	19.77
1590Z130GY	353-6154●	34.54	29.96	29.09	26.44	24.17
1590Z135GY	353-6166●	36.46	31.63	29.17	27.91	24.76
1590Z150GY	353-6178●	63.61	56.24	51.90	49.64	44.05
1590Z160GY	353-6180●	71.25	61.76	57.00	54.51	48.36



Project & General Purpose Enclosures - continued

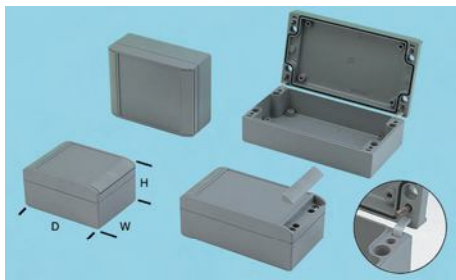
Heavy-Duty, Watertight - continued

IP65 Sealed - continued

Mfrs. List No.	Order Code	1+	10+	Price Each 100+	250+	500+
Painted						
1590Z162GY	353-6191 ●	68.84	59.68	55.07	52.66	46.76
1590Z166GY	762-6177 ●	53.54	49.65	47.92	42.01	39.02
1590Z231GY	353-6208 ●	77.91	67.58	62.31	59.61	52.90
Black						
1590Z061BK	762-6193 ●	10.90	10.12	9.26	8.55	7.70
1590Z062BK	762-6207 ●	9.46	8.78	8.05	7.43	6.69
1590Z100BK	762-6223 ●	10.60	9.83	9.49	8.31	7.71
1590Z120BK	762-6258 ●	13.23	12.27	11.25	10.39	9.36
1590Z130BK	762-6266 ●	15.69	14.56	13.33	12.31	11.09
1590Z150BK	762-6282 ●	29.62	27.48	25.18	23.25	20.93
1590Z162BK	762-6304 ●	37.91	35.18	32.25	29.74	26.82
1590Z231BK	762-6312 ●	63.51	58.90	53.98	49.82	44.87

Alucase Enclosure

IP67 Die-Cast Aluminium



- Very modern design of die-cast aluminium enclosures
- Range of 14 sizes, sealed to **IP67** and painted mid grey RAL 7040
- No visible lid fixing screws, as these are hidden behind clip on ABS trims
- Recessed area in lid for mounting a membrane keypad or product label
- Two plastic lid retaining straps aid access during servicing
- M5 screw pillars in the lid and base for mounting the assemblies
- Screw ports for easy wall mounting without opening the case

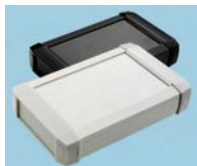
Description	External Dimensions			Mfrs. List No.	Order Code
	Width	Depth	Height		
AC 090	90	120	60	191.090.000	537-1338
AC 092	90	160	60	191.092.000	537-1340
ACF 112	110	200	60	190.112.000	537-1363
ACF 130	130	160	70	190.130.000	537-1375
ACF 132	130	220	70	190.132.000	537-1387
AC 150	150	180	90	191.150.000	537-1405
ACF 152	150	260	60	190.152.000	537-1417
AC 172	170	280	90	191.172.000	537-1466

341099

Description	Order Code	Price Each			
		1+	5+	10+	25+
AC 090	537-1338 ●	23.65	23.07	22.48	21.91
AC 092	537-1340 ●	28.41	27.70	26.99	26.30
ACF 112	537-1363 ●	42.08	41.04	39.97	38.94
ACF 130	537-1375 ●	43.10	42.02	40.95	39.91
ACF 132	537-1387 ●	47.93	46.74	45.55	44.40
AC 150	537-1405 ●	51.77	50.48	49.17	47.90
ACF 152	537-1417 ●	70.06	66.56	63.23	60.07
AC 172	537-1466 ●	62.48	60.91	59.36	57.85

Dura Box

Extruded Aluminium - 50 Series



Modern, high quality aluminium enclosures for a wide range of indoor and outdoor applications. Suitable for hand-held, wall mounted or desk mounted equipment. Neoprene profile gasket is resistant to Acids, petrol and is suitable for outdoor applications



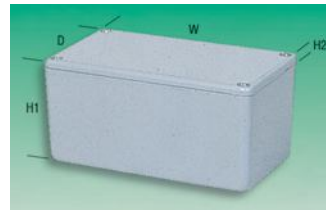
- Aluminium extruded, grade 6063, T5 tempered treatment, Epoxy painted
- End caps in high quality ABS
- Heavy Duty profiles with integral mounting rails for PCBs
- Front and rear plastic end-caps are mounted by M3 screws
- Recessed area for keyboard is provided on the top and the base of the enclosure
- Structured sides of the profile allow a good grip and portability
- Battery compartments available
- Screws covered by plastic caps
- Compliant to IP 65, with optional gasket fitted

516291

Dimensions (mm)			Mfrs.	Price Each				
H	W	D	List No.	Order Code	1+	10+	25+	50+
Light Grey								
27	82	130	31150001	162-0909●	10.05	9.65	9.26	8.89
27	82	160	31150002	162-0910●	10.95	10.51	10.09	9.68
37	102	160	31150003	162-0911●	11.76	11.29	10.84	10.40
37	102	190	31150004	162-0913●	12.73	12.22	11.73	11.26
47	122	190	31150005	162-0914●	14.54	13.95	13.39	12.85
47	122	220	31150006	162-0916●	15.45	14.83	14.24	13.67
Black								
27	82	130	31150201	162-0917●	10.05	9.65	9.26	8.89
27	82	160	31150202	162-0918●	10.95	10.51	10.09	9.68
37	102	160	31150203	162-0919●	11.76	11.29	10.84	10.40
37	102	190	31150204	162-0920●	12.73	12.22	11.73	11.26
47	122	190	31150205	162-0921●	14.54	13.95	13.39	12.85
47	122	220	31150206	162-0922●	15.45	14.83	14.24	13.67
Accessories								
Sealing Gasket - IP 67			31150050	162-0923●	1.51	1.45	1.39	1.34
Battery Compartments								
82 x 27mm case			24030047	162-0924●	1.00	0.96	0.92	0.88
102 x 37mm Case			24030048	162-0925●	1.05	1.01	0.97	0.93
122 x 47mm Case			24030049	162-0926●	1.20	1.15	1.10	1.06

Multipurpose, RFI/EMI Shielded

Diecast (Nylon Coated)



- Aluminium diecast boxes to **LM24**. Coated in grey (RAL 7001) nylon
- Screw size M3, 5 x 9mm
- Nylon gives good protection and attractive finish
- Operating temperature -40°C to +110°C

A range of diecast boxes available in various sizes, manufactured in a robust aluminium alloy. These lightweight enclosures provide excellent screening against EM/RFI and are therefore ideal housing for electronic components and circuits. The close fitting lid is secured using countersunk screws.

Mfrs. List No.	Order Code	W	D	H	Mfrs. List No.	Order Code	W	D	H
462-0010A	278-981	88.9	34.9	29.5	462-0030A	279-018	115.7	90.5	54.9
462-0020A	278-993	114.5	64	29.5	462-0050A	279-020	171.5	120.6	54.9
462-0040A	279-006	115.3	64.5	54.9					

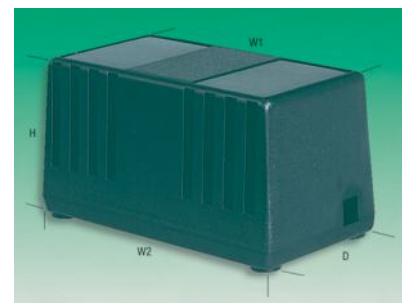
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Order Code	Price Each			
	1+	10+	25+	50+
278-981 ●	8.75	8.49	8.23	7.98
278-993 ●	9.92	9.62	9.33	9.05
279-018 ●	11.83	11.47	11.14	10.80
279-006 ●	10.31	10.00	9.70	9.41
279-020 ●	17.97	17.43	16.91	16.40

Power Supply Cases

In-Line Power Supply Case

ABS (STD and Flame Retardant)

H=62, W₁=112, W₂=117, D=63

- Attractive rugged appearance, moulded in black ABS
- Top and base held together by self-tapping screws
- Recessed holes designed to accept standard 9mm self adhesive feet
- Available in flame retardant ABS to **UL94V-0**

Mfrs List No. PS2 = 531-844, PS2FR = 645-771

224437

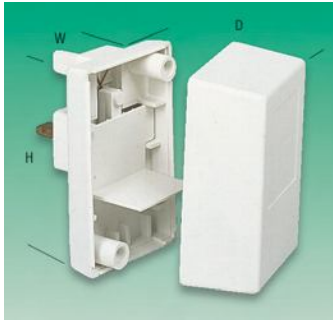
Type	Order Code	Price Each			
		1+	50+	100+	500+
Standard	531-844 ●	1.95	1.73	1.63	1.35
Flame Retardant	645-771 ●	2.76	2.47	2.33	1.91

Over 480,000 products online



13 Amp Plug Style

ABS

Best
value

External dimensions
assembled
H = 79 W = 53
D = 50 (not inc pins)

- Moulded in black or white ABS with plastic or brass earth pins
- Removable internal moulding supports 6VA transformer and separates live and neutral solder spills
- Features knockout for multiposition switch, provision made for cable outlet
- Standard version tested to **UL94-HB**, flame retardant version tested to **UL94V-0**

Mfrs. List No.: PS5 = 301-681

PS5WMEP = 531-935

PS5EMP = 531-923

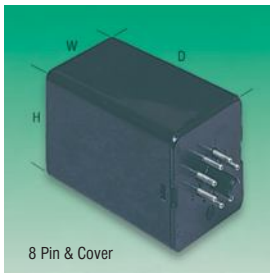
Warning: This unit should not be used with mains voltage until fully assembled.

224438

Colour	Type	Order Code	Price Each			
			1+	25+	100+	500+
Plastic Earth Pin						
Black	Standard	301-681●	2.76	2.47	2.29	1.96
Brass Earth Pin						
Black	Standard	531-923●	2.96	2.69	2.47	2.12
White	Standard	531-935●	2.96	2.69	2.47	2.12

Plug In & DIN-Rail Mount

8 and 11 Pin Standard



- 8 pin and 11 pin plug-in module
- Optional polycarbonate cover available

Contact Rating 3A (mated)
Operating Temperature 100°C
Contact Resistance <3mΩ

External dimensions
H=50
W=50
D=79/44

218859

	Mfrs. List No.	Order Code	Price Each			
			1+	25+	50+	100+
8 Pin	01BBN08	301-760●	1.12	0.93	0.83	0.69
11 Pin	01BBN11	301-772●	1.38	1.29	1.26	1.09
76mm Cover	01CBP76	301-784●	1.53	1.43	1.27	1.12
41mm Cover	01CBP41	444-6562●	1.12	1.02	0.92	0.82

DIN Rail Enclosure

Optional PCB



- Universal mounting (TS35 or TS32)
- Available in 4 sizes
- Complete with screw terminals
- Moulded from grey polyamide 6.6

Rated at 10A, 250V
Max Cable Size 4mm²

229053

Type	H	W	D	Terminal	Order Code	1+	10+	50+
1	63	20	58	4	318-7834	6.09	5.73	5.18
2	90.5	16.5	58	4	318-7846	6.23	5.87	5.30
3	90.5	22.5	58	6	318-7858	8.40	8.06	7.53
4	90.5	28.5	58	8	318-7860	9.66	9.32	8.78
PCB for type 1					318-7871	7.20	6.82	6.37
PCB for type 2, 3 & 4					318-7883	9.39	8.97	8.46

Miniature Housing (DIN Rail)

PC



- Fully insulated polycarbonate
- Flammability tested to **UL94V-1/2**
- Connection between PCB and terminals made by connecting pins (supplied)
- Captive self-locking terminal screws are resistant to loosening through vibration
- Smallest size accepts 2.5mm² wire, remaining sizes accept 4mm² wire

218863

External Dimensions			No. of Terminals	Order Code	Price Each		
H	W	D			1+	25+	50+
75	23	100	12	118-1523●	12.63	12.22	11.82
75	55	110	16	118-1522●	14.12	13.68	13.24
75	100	110	30	118-1524●	21.93	21.25	20.52

DIN Rail Enclosures

Lexan/Noryl



- DIN rail mounting terminal enclosures
- Available with and without terminals

Top		General		
Material	Lexan	Max temp.	100°C	
Colour	Grey (RAL7035)	Approval	UL94-V0	
Base		Mounting	DIN rail (EN50022)	
Material		Terminals		
Colour	Noryl	Max wire diameter	2 x 2.5mm sq	
	Black (RAL7021)			
Mfrs. List No.	No of Modules	No of terminals	Dim A (mm)	Label size (mm)
BE350/605	2	—	35	41x30
BE700/605	4	—	70	41x65
BE1050/605	6	—	105	41x100
BE1570/605	9	—	157	41x152
BE350/605T	2	10	35	41x30
BE700/605T	4	24	70	41x65
BE1050/605T	6	36	105	41x100
BE1570/605T	9	52	157	41x152

231525

Mfrs. List No.	Order Code	Price Each		
		1+	25+	100+
BE350/605	117-1693●	4.49	4.12	3.70
BE700/605	117-1694●	5.26	4.83	4.34
BE1050/605	117-1695●	6.13	5.64	5.05
BE1570/605	117-1697●	6.55	5.98	5.38
BE350/605T	117-1699●	6.39	5.87	5.26
BE700/605T	117-1700●	9.68	8.88	7.95
BE1050/605T	117-1696●	26.41	21.51	19.05
BE1570/605T	117-1698●	31.51	25.73	22.72

Hand-Held Enclosures

USB Enclosure

Clear Polycarbonate



New



H = 8.7, W = 71, D = 23mm

- Enclosure manufactured from transparent Polycarbonate
- 3 snap together enclosure parts
- Enclosure has recessed area in lid and base
- Connector is SMD 4 Pin Plug
- Insulator colour is white
- Plug is supplied with 2 x 9mm posts

510156

Mfrs. List No.	Order Code	Price Each			
		1+	10+	25+	50+
Enclosure MCG1901	160-3603●	1.75	1.62	1.41	1.31
Connector - USB Type A MCKUSBX-SMT2AP1S-W30	SMD 158-4673●	1.69	1.56	1.44	1.33

Over 480,000 products online



Hand-Held Enclosures - continued

Key Fob
ABS

Best value



- Moulded in black ABS. Comprises of two parts which snap together
- Lid has view window for LED. Loop provided for key ring or strap
- PCB mounting bosses provided in base
- Terminals provided for MN21 12V battery

H = 45, L = 35, P = 14 (117-1648)
H = 57, L = 36, P = 16 (117-1645/1646/1647)

230624

Version	Button Colours	Mfrs. List No.	Order Code	1+	10+	25+
One Large Button	Black	PP46N	117-1648	0.78	0.71	0.63
One Small Button	Red	PP22N	117-1645	1.31	1.21	1.07
Two Small Buttons	Red/Blue	PP46N	117-1646	2.18	1.98	1.78
Three Small Buttons	Red/Blue/Black	PP43N	117-1647	2.28	2.04	1.88

Ergonomic Key Fob
ABS

H = 14.71, W = 72.09, D = 51.51mm

- Ideal for wireless remote controls of all types
- Use for applications that require transmitting a signal or series of signal commands
- Material - ABS ; Surface - textured black finish
- Enclosure has snap together design
- PCB mounting captured between standoffs when unit is snapped together
- Small Battery coin cell lithium type (not included)
- 1 to 5 Button options, some can be rotated to optimum angle

446057

No. of Buttons	Mfrs. List No.	Order Code	1+	10+	25+	50+	100+
1	2955-20R-1	126-4652	2.90	2.84	2.77	2.72	2.64
2	2955-20R-2	126-4654	2.90	2.84	2.77	2.72	2.64
3	2955-20R-3	126-4656	2.90	2.84	2.77	2.72	2.64
4	2955-20R-4	126-4657	2.90	2.84	2.77	2.72	2.64
5	2955-20R-5	126-4658	2.90	2.84	2.77	2.72	2.64

FOR MORE INFORMATION & CHOICE

Product Search

Die-Cast Enclosure



RoHS Compliant Items Only | Advanced Search

OVO 3 Cases



- Ergonomic pocket-size enclosures
- Ideal for remote control electronics
- Moulded in ABS (UL 94 HB)
- Supplied with a blue rubberised push-button cover with one, two or three button segments
- Internal supports for fitting a round (Ø35mm) PCB
- Tough clip-together assembly
- Suitable for a button type battery cell
- Matt surface finish for a modern feel
- Colour: dark grey RAL 7016

Dimensions (mm)
Length 55 Width 43.7 Depth 14

381083

Mfrs. List No.	Order Code	1+	10+	25+	50+
OVO3/1.4	831-2125	4.43	4.21	4.00	3.80
OVO3/2.4	831-2133	4.43	4.21	4.00	3.80
OVO3/3.4	831-2141	4.43	4.21	4.00	3.80

POCK Box

ABS - 31 Series



New



- Moulded from high impact ABS
- Recesses in the cover and in the base for fitting membrane keypads
- Easy snap-fit assembly of base and cover
- Models available with a lug for a key ring
- Temperature resistant up to 85 °C
- Light grey similar to RAL 7035 or black similar to RAL 9004
- Optional EPDM rubber gasket for an IP65 seal
- Standard 3 or 6 button membrane keypads available

516239

Dimensions (mm)	Mfrs. List No.	Order Code	1+	10+	25+	50+
H W D						
Grey						
18 40 55	33131001	162-0882	2.22	2.13	2.05	1.97
18 50 70	33131003	162-0884	2.70	2.59	2.49	2.39
Grey - With Keyring Lug						
18 40 60	33131002	162-0883	2.33	2.23	2.14	2.06
Black						
18 40 55	33131201	162-0886	2.22	2.13	2.05	1.97
18 50 70	33131203	162-0888	2.70	2.59	2.49	2.39
Black - With Keyring Lug						
18 40 60	33131202	162-0887	2.33	2.23	2.14	2.06
Accessories						
3 Button Keypad	33131301	162-0889	8.53	8.19	7.86	7.55
6 Button Keypad	33131302	162-0890	10.61	10.18	9.77	9.38
IP 67 Gasket Seal	33070041	162-0891	1.05	1.01	0.97	0.93

Hand Held - Minitec



ABS

New



- Designed for hand-held, wearing around the neck or on the wrist operation
- 4 standard sizes
- Large range of colour combinations for case and TPE ring
- Flat, for push-buttons or recessed, for membrane keypad case styles available
- Soft TPE rings provide loops or eyelets for the Key Ring, Necklace or Wrist Strap
- PCB supports in the base
- Easy assembly with self-tapping screws
- Made from ABS (UL 94 HB) - Standard colours
- Black (IR) models made from PMMA (Plexiglass®)
- IP 41 Protection class
- Key Ring, Necklace Straps and Wrist Straps available

Colour	Description	Enclosure External Dimensions (mm)	Dimensions (mm)	Type
White	RAL 9002			
Lava	NCS S 7502-B	D W H	PCB	
Black	RAL 9005	52 32 15	36 x 24	ES
Volcano	NCS S 2-G	68 43 18	51 x 34	DM
Orange	NCS S 1070-Y40R	51 32 13	35 x 27	DS
Green	NCS S 1070-G60Y	70 44 16	51 x 38	DS
Blue	NCS S 1060-B			

499123

Colour					Price Each			
Body	TPE Ring	Mfrs. List No.	Order Code	1 +	10 +	25 +	50 +	
Type ES - Single TPE Ring - Flat								
White	White	B9002617	153-9202●	4.33	4.09	3.95	3.78	
White	Volcano	B9002007	153-9203●	4.33	4.09	3.95	3.78	
White	Orange	B9002017	153-9204●	4.33	4.09	3.95	3.78	
White	Green	B9002027	153-9205●	4.33	4.09	3.95	3.78	
White	Blue	B9002037	153-9207●	4.33	4.09	3.95	3.78	
Lava	Volcano	B9002008	153-9215●	4.33	4.09	3.95	3.78	
Lava	Lava	B9002918	153-9216●	4.33	4.09	3.95	3.78	
Lava	Orange	B9002018	153-9217●	4.33	4.09	3.95	3.78	
Lava	Green	B9002028	153-9219●	4.33	4.09	3.95	3.78	
Lava	Blue	B9002038	153-9221●	4.33	4.09	3.95	3.78	
Black (IR)	Black (IR)	B9002046	153-9227●	5.00	4.73	4.56	4.36	
Type ES - Single TPE Ring - Recessed								
White	White	B9002627	153-9208●	4.33	4.09	3.95	3.78	
White	Volcano	B9002057	153-9209●	4.33	4.09	3.95	3.78	
White	Orange	B9002067	153-9210●	4.33	4.09	3.95	3.78	
White	Green	B9002077	153-9213●	4.33	4.09	3.95	3.78	
White	Blue	B9002087	153-9214●	4.33	4.09	3.95	3.78	
Lava	Volcano	B9002058	153-9222●	4.33	4.09	3.95	3.78	
Lava	Lava	B9002928	153-9223●	4.33	4.09	3.95	3.78	
Lava	Orange	B9002068	153-9224●	4.33	4.09	3.95	3.78	
Lava	Green	B9002078	153-9225●	4.33	4.09	3.95	3.78	
Lava	Blue	B9002088	153-9226●	4.33	4.09	3.95	3.78	
Black (IR)	Black (IR)	B9002096	153-9228●	5.00	4.73	4.56	4.36	
Type ES - Double TPE Ring - Flat								
White	White	B9002637	153-9229●	4.33	4.09	3.95	3.78	
White	Volcano	B9002107	153-9230●	4.33	4.09	3.95	3.78	
White	Orange	B9002117	153-9233●	4.33	4.09	3.95	3.78	
White	Green	B9002127	153-9234●	4.33	4.09	3.95	3.78	
White	Blue	B9002137	153-9235●	4.33	4.09	3.95	3.78	
Lava	Volcano	B9002108	153-9242●	4.33	4.09	3.95	3.78	
Lava	Lava	B9002938	153-9244●	4.33	4.09	3.95	3.78	
Lava	Orange	B9002118	153-9245●	4.33	4.09	3.95	3.78	

Colour	TPE Ring	Mfrs. List No.	Order Code	1+	10+	25+	50+
Type ES - Double TPE Ring - Flat							
Lava	Green	B9002128	153-9246	4.33	4.09	3.95	3.78
Lava	Blue	B9002138	153-9247	4.33	4.09	3.95	3.78
Black (IR)	Black (IR)	B9002146	153-9253	5.00	4.73	4.56	4.36
Type ES - Double TPE Ring - Recessed							
White	White	B9002647	153-9236	4.33	4.09	3.95	3.78
White	Volcano	B9002157	153-9237	4.33	4.09	3.95	3.78
White	Orange	B9002167	153-9238	4.33	4.09	3.95	3.78
White	Green	B9002177	153-9239	4.33	4.09	3.95	3.78
White	Blue	B9002187	153-9241	4.33	4.09	3.95	3.78
Lava	Volcano	B9002158	153-9248	4.33	4.09	3.95	3.78
Lava	Lava	B9002948	153-9249	4.33	4.09	3.95	3.78
Lava	Orange	B9002168	153-9250	4.33	4.09	3.95	3.78
Lava	Green	B9002178	153-9251	4.33	4.09	3.95	3.78
Lava	Blue	B9002188	153-9252	4.33	4.09	3.95	3.78
Black (IR)	Black (IR)	B9002196	153-9256	5.00	4.73	4.56	4.36
Type EM - Single TPE Ring - Flat							
White	White	B9004617	153-9257	5.50	5.20	5.02	4.80
White	Volcano	B9004007	153-9258	5.50	5.20	5.02	4.80
White	Orange	B9004017	153-9259	5.50	5.20	5.02	4.80
White	Green	B9004027	153-9260	5.50	5.20	5.02	4.80
White	Blue	B9004037	153-9261	5.50	5.20	5.02	4.80
Lava	Volcano	B9004008	153-9268	5.50	5.20	5.02	4.80
Lava	Lava	B9004918	153-9269	5.50	5.20	5.02	4.80
Lava	Orange	B9004018	153-9270	5.50	5.20	5.02	4.80
Lava	Green	B9004028	153-9271	5.50	5.20	5.02	4.80
Lava	Blue	B9004038	153-9272	5.50	5.20	5.02	4.80
Black (IR)	Black (IR)	B9004046	153-9278	6.31	5.99	5.77	5.52
Type EM - Single TPE Ring - Recessed							
White	White	B9004627	153-9262	5.50	5.20	5.02	4.80
White	Volcano	B9004057	153-9263	5.50	5.20	5.02	4.80
White	Orange	B9004067	153-9264	5.50	5.20	5.02	4.80
White	Green	B9004077	153-9265	5.50	5.20	5.02	4.80
White	Blue	B9004087	153-9266	5.50	5.20	5.02	4.80
Lava	Volcano	B9004058	153-9273	5.50	5.20	5.02	4.80
Lava	Lava	B9004928	153-9274	5.50	5.20	5.02	4.80
Lava	Orange	B9004068	153-9275	5.50	5.20	5.02	4.80
Lava	Green	B9004078	153-9276	5.50	5.20	5.02	4.80
Lava	Blue	B9004088	153-9277	5.50	5.20	5.02	4.80
Black (IR)	Black (IR)	B9004096	153-9281	6.31	5.99	5.77	5.52
Type EM - Double TPE Ring - Flat							
White	White	B9004637	153-9282	5.50	5.20	5.02	4.80
White	Volcano	B9004107	153-9283	5.50	5.20	5.02	4.80
White	Orange	B9004117	153-9284	5.50	5.20	5.02	4.80
White	Green	B9004127	153-9285	5.50	5.20	5.02	4.80
White	Blue	B9004137	153-9286	5.50	5.20	5.02	4.80
Lava	Volcano	B9004108	153-9294	5.50	5.20	5.02	4.80
Lava	Lava	B9004938	153-9295	5.50	5.20	5.02	4.80
Lava	Orange	B9004118	153-9296	5.50	5.20	5.02	4.80
Lava	Green	B9004128	153-9297	5.50	5.20	5.02	4.80
Lava	Blue	B9004138	153-9298	5.50	5.20	5.02	4.80
Black (IR)	Black (IR)	B9004146	153-9305	6.31	5.99	5.77	5.52
Type EM - Single TPE Ring - Recessed							
White	White	B9004647	153-9287	5.50	5.20	5.02	4.80
White	Volcano	B9004157	153-9289	5.50	5.20	5.02	4.80
White	Orange	B9004167	153-9290	5.50	5.20	5.02	4.80
White	Green	B9004177	153-9291	5.50	5.20	5.02	4.80
White	Blue	B9004187	153-9293	5.50	5.20	5.02	4.80
Lava	Volcano	B9004158	153-9299	5.50	5.20	5.02	4.80
Lava	Lava	B9004948	153-9301	5.50	5.20	5.02	4.80
Lava	Orange	B9004168	153-9302	5.50	5.20	5.02	4.80
Lava	Green	B9004178	153-9303	5.50	5.20	5.02	4.80
Lava	Blue	B9004188	153-9304	5.50	5.20	5.02	4.80
Black (IR)	Black (IR)	B9004196	153-9306	6.31	5.99	5.77	5.52
Type DS - With Recess - Oval Hole							
White	White	B9002657	153-9307	4.33	4.09	3.95	3.78
White	Volcano	B9002207	153-9308	4.33	4.09	3.95	3.78
White	Orange	B9002217	153-9312	4.33	4.09	3.95	3.78
White	Green	B9002227	153-9313	4.33	4.09	3.95	3.78
White	Blue	B9002237	153-9314	4.33	4.09	3.95	3.78
Lava	Volcano	B9002208	153-9315	4.33	4.09	3.95	3.78
Lava	Lava	B9002958	153-9316	4.33	4.09	3.95	3.78
Lava	Orange	B9002218	153-9317	4.33	4.09	3.95	3.78
Lava	Green	B9002228	153-9318	4.33	4.09	3.95	3.78
Lava	Blue	B9002238	153-9319	4.33	4.09	3.95	3.78
Black (IR)	Black (IR)	B9002246	153-9320	5.00	4.73	4.56	4.36
Type DS - With Recess - Round Hole							
White	White	B9002667	153-9321	4.33	4.09	3.95	3.78
White	Volcano	B9002257	153-9323	4.33	4.09	3.95	3.78
White	Orange	B9002267	153-9324	4.33	4.09	3.95	3.78
White	Green	B9002277	153-9325	4.33	4.09	3.95	3.78
White	Blue	B9002287	153-9326	4.33	4.09	3.95	3.78
Lava	Volcano	B9002258	153-9327	4.33	4.09	3.95	3.78
Lava	Lava	B9002968	153-9328	4.33	4.09	3.95	3.78
Lava	Orange	B9002268	153-9329	4.33	4.09	3.95	3.78
Lava	Green	B9002278	153-9330	4.33	4.09	3.95	3.78
Lava	Blue	B9002288	153-9331	4.33	4.09	3.95	3.78
Black (IR)	Black (IR)	B9002296	153-9332	5.00	4.73	4.56	4.36
Type DM - With Recess - Oval Hole							
White	White	B9004657	153-9333	5.50	5.20	5.02	4.80
White	Volcano	B9004207	153-9335	5.50	5.20	5.02	4.80
White	Orange	B9004217	153-9336	5.50	5.20	5.02	4.80
White	Green	B9004227	153-9337	5.50	5.20	5.02	4.80
White	Blue	B9004237	153-9338	5.50	5.20	5.02	4.80
Lava	Volcano	B9004208	153-9339	5.50	5.20	5.02	4.80
Lava	Lava	B9004958	153-9340	5.50	5.20	5.02	4.80
Lava	Orange	B9004218	153-9341	5.50	5.20	5.02	4.80
Lava	Green	B9004228	153-9342	5.50	5.20	5.02	4.80
Lava	Blue	B9004238	153-9343	5.50	5.20	5.02	4.80
Black (IR)	Black (IR)	B9004246	153-9344	6.31	5.99	5.77	5.52

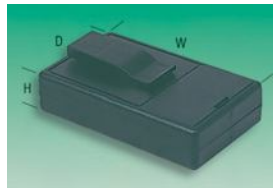
Accessories

Colour	TPE Ring	Mfrs. List No.	Order Code	1+	10+	25+	50+
Accessories							
Minitec Key Ring		A9164001	153-9345	0.58	0.56	0.54	0.51
Minitec Metallic Necklace		B9100011	153-9347	5.48	5.18	5.00	4.77
Minitec Reflective Necklace		B9100022	153-9348	6.39	6.07	5.85	5.59
Minitec Wrist Strap		B9100033	153-9349	7.06	6.70	6.45	6.18

Miniature, (Pocket clip and battery compartment)



ABS



- ABS moulded cases, with integral PP3 battery compartment and pocket/belt clip
- Four integral locating pegs and sockets will accept 55 x 63mm PCB
- Supplied with clip-in battery terminals suitable for PP3 style battery

External dimensions : H=23, W=103, D=62

218884

Colour	Order Code	1+	25+	50+	100+	500+
Black	223-554	4.15	3.59	3.37	2.80	2.42
Grey (RAL9002)	223-566	4.15	3.59	3.37	2.80	2.42
White	645-734	4.15	3.59	3.37	2.80	2.42

Miniature Cases - 'C Series'



ABS



- Stylish and versatile miniature ABS cases
- Ideal for personal safety, remote control, medical, and controller type devices
- Available in three colours: black, mid-grey or almond
- Interlocking assembly with central fixing screw

Operating temperature -40°C to +90°C

230627

Mfrs. List No.	External Dimensions	H	W	D	Order Code	1+	10+	25+	50+
Black									
C-4BK	14.7	35	54		737-537	3.01	2.76	2.60	2.25
C-6BK	19.1	41	57.5		737-562	3.18	2.94	2.73	2.41
C-8BK	23.5	47	61		737-598	3.38	3.10	2.89	2.54
Mid Grey									
C-4GY	14.7	35	54		737-549	3.01	2.76	2.60	2.25
C-6GY	19.1	41	57.5		737-574	3.01	2.75	2.59	2.28
Almond									
C-4AL	14.7	35	54		737-550	2.85	2.62	2.47	2.13
C-8AL	23.5	47	61		737-616	3.38	3.10	2.89	2.54

'M Series' (Battery Compartment)



ABS



- Very attractive, robust, and versatile ABS pocket/hand-held cases in two colours black and mid-grey
- Supplied with removable end panels, either with or without a strong pocket/belt clip
- Internal mounting pillars for PCBs
- Battery compartments: M-4 takes 1x1.5V AA size and M-6 takes 2x1.5V AA or 1x9V PP3 size cells

Operating temperature -40°C to +90°C



Hand-Held Enclosures - continued

'M Series' (Battery Compartment) - continued

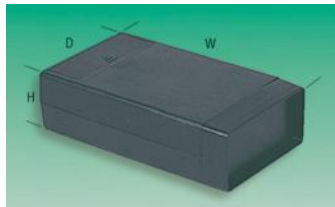
ABS - continued

230633

Mfrs. List No.	External Dimensions			Order Code	1+	10+	25+	50+
	H	W	D					
Black Without Pocket Clip								
M-6BK	21.6	62	105.4	775-654	10.46	9.96	9.32	8.10
Black With Pocket Clip								
M-4PCB	17.8	55.9	71.1	775-630	9.91	9.14	8.57	7.43
M-6PCBK	21.6	61	105.4	775-678	12.11	11.19	10.48	9.08

Hand-Held (battery compartment)

ABS



- Hand-held ABS cases for portable/pocket equipment
- Integral battery compartment to house PP3 battery

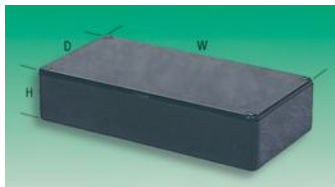
External Dimensions
H=33, W=118, D=66

230631

Colour	Mfrs. List No.	Order Code	1+	50+	100+	500+
Black	BC3	301-700	3.61	3.27	3.03	2.61

Hand-Held

ABS (Impact Resistant)



- Moulded in high impact ABS. Accepts PCB size 75mm x 53mm approx.
- Designed to house 1 x PP3 battery

External Dimensions
H=22, W=111, D=57

218876

Mfrs. List No.	Colour	Order Code	1+	50+	100+	500+
T4	Black	301-474	1.47	1.38	1.22	1.04
T4W	White	301-486	1.47	1.38	1.22	1.04

Panel - '1593 Series'

(Optional End Panel & Battery Compartment)

ABS



- Ergonomically designed cases for hand-held or stand alone use
- Units with one panel include a battery compartment for 1xPP3 or 2xAA batteries (except 21mm high versions)
- Recess area on lid is provided for membrane keypads
- End panels are replaceable for easy machining and for infra red
- Exposed panel area is 57x21
- New card reader size now available

External Dimensions			Mfrs. List No.		Order Code
H	W	D			
66	66	28	Grey	1593KGY	930-179
28	65	65	Black	1593KBK	930-180
28	66	92	Grey	1593LGY	443-7846
28	66	92	Black	1593LBK	443-7858
28	65	140	Grey	1593XGY	353-6324
28	65	140	Black	1593XBK	353-6336
21	65	90	Grey	1593SGY	353-6348
21	65	90	Black	1593SBK	353-6350
90	66	28	Grey	1593PGY	930-192
28	65	90	Black	1593PBK	930-209
110	66	28	Grey	1593QGY	930-210
28	65	110	Black	1593QBK	930-222
28	65	140	Grey	1593YGY	353-6385

External Dimensions

28	65	140
28	65	65
28	65	65
111.25	75	75
111.25	75	75

Mfrs

Black	1593YBK	353-6397
Grey	1593JGY	353-6300
Black	1593JBK	353-6312
Grey	1593NGY	928-7574
Black	1593NBK	928-7566

219608

		Price Each			
		1+	10+	25+	50+
Panel Both Ends	Order Code				
	930-179	1.68	1.59	1.53	1.42
	930-180	1.68	1.59	1.53	1.42
	443-7846	3.32	2.99	2.71	2.60
	443-7858	3.81	3.38	3.07	2.95
	353-6324	3.18	3.09	3.01	2.61
Panel One End	353-6336	3.18	3.09	3.01	2.61
	353-6348	3.58	3.40	3.23	2.97
	353-6350	3.58	3.40	3.23	2.97
	930-192	2.84	2.76	2.68	2.35
	930-209	2.84	2.76	2.68	2.35
	930-210	2.95	2.86	2.77	2.42
Closed Both Ends	930-222	2.95	2.86	2.77	2.42
	353-6385	3.28	3.21	3.09	2.70
	353-6397	3.28	3.21	3.09	2.70
	928-7574	5.09	4.58	4.18	4.08
	928-7566	4.48	3.85	3.58	3.45
	353-6300	1.90	1.65	1.53	1.45
Infrared Panels	353-6312	1.90	1.65	1.53	1.45
	Price Per Pack				
10 Pack	1.58				
	Order Code				
Accessories	930-234				
	Price Each				
Black Belt Clip	1+	10+	25+	50+	
	353-6282	1.33	1.27	1.19	1.12
Grey Belt Clip	353-6294	1.33	1.27	1.19	1.12

ABS Hand Held Enclosure

Battery Door



- Electronic hand held enclosures, ideally suited for mounting printed circuit boards.
- Lap joint construction provides protection against dust accumulation and splashing water.
- Available in two versions - gasketed (IP65 rated) & ungasketed.

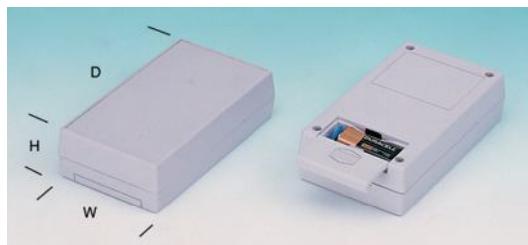
- Gasketed version includes gasket around top & bottom half and around battery door (factory installed).
- Flammability rating of UL94 HB).
- The top half includes a smooth recessed area for membrane, label or silkscreen.
- Assembled with M3 Philips self tapping screws.
- Both top and bottom halves contain molded in PCB standoffs

523254

Dimensions (mm)			Mfrs. List No.		Price Each			
H	W	D			1+	10+	25+	50+
Ungasketed								
25	68	130	MCRH3015	163-5123	2.93	2.68	2.45	2.33
30	70	120	MCRH3055	163-5124	3.45	3.16	2.88	2.74
Gasketed - IP65								
25	68	130	MCRH3005	163-5125	4.12	3.78	3.45	3.28
30	70	120	MCRH3045	163-5126	4.80	4.41	4.02	3.83

Recessed (Battery Compartment)

ABS



- Attractive, robust and versatile ABS cases in mid-grey
- Top panel includes a recess for mounting membrane keypads or product labels
- Includes internal mounting pillars in the top and base for PCBs and assemblies
- All cases include a battery compartment for one 9V PP3 size cell

Operating temperature

-40°C to +90°C

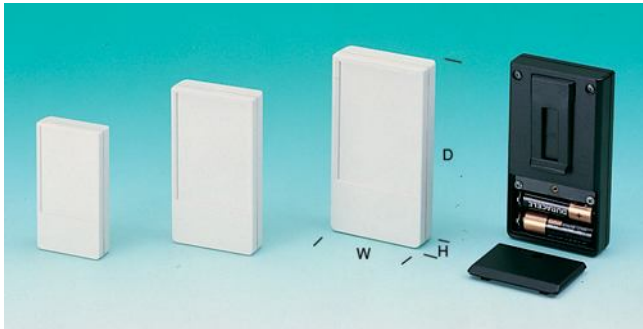
External Dimensions			Recess Area	Mfrs. List No.	Order Code
H	W	D			
38	66	104	56x94.2	211-IGY	775-794
38	82.5	111	73.4x102	231-IGY	775-800
38	82.5	143	73.4x133.8	251-IGY	775-812

230636

Order Code	Price Each			
	1+	10+	25+	50+
775-794●	6.57	6.04	5.65	4.91
775-800●	8.26	7.61	7.16	6.21
775-812●	10.53	9.68	9.10	7.89

'Datec' (Battery Compartment)

ABS



- Stylish, robust and ergonomic ABS cases with top recess for membrane key pads
- Ideal for remote controls, and all types of hand held instruments
- Battery compartments: L takes 2xAA or 1xPP3 and S takes 2xN cells.
- Internal mounting pillars in the top and base for PCBs

Operating temperature -40°C to +90°C

	External Dimensions			Recess Area	Mfrs. List No.	Order Code
	H	W	D			
L off-white	22	65	120	55x80	A9072107	774-649
L black	22	65	120	55x80	A9072109	774-650
S off-white	16	46	85	40x58	A9070107	774-686
Battery clips set for 2xAA, AAA or N cells					A9190002	774-728

219605

	Order Code	Price Each			
		1+	10+	25+	50+
Size L Case					
Off-White	774-649●	12.00	11.40	10.83	10.29
Black	774-650●	12.00	11.40	10.83	10.29
Size S Case					
Off-White	774-686●	7.76	7.37	7.00	6.65
Accessories					
Battery Clips	774-728●	2.23	2.07	1.89	1.61

'1599 Series'

IP54, ABS (Flame Retardant)



- Attractively styled hand-held cases, sealed to IP54
- Flame retardant ABS construction. Flammability rating UL94V-0
- Extra deep lid and ultra shallow base allows user flexibility
- Recessed lid panel is ideal for membrane keypads
- Two keyhole knockouts are moulded in base to facilitate wall mounting installation
- PCB guide slots and bosses are moulded in lid and base
- Base secured with 4 machine screws into brass bushings

230629

External Dimensions	Mfrs. List No.	Order Code	Price Each			
			1+	10+	25+	50+
Black Without Battery Door						
130 65 25	1599BBK	722-947●	3.89	3.62	3.47	3.26
170 85 35	1599EBK	722-960●	4.45	4.15	3.97	3.77
220 140 40	1599KBK	384-2605●	5.95	5.79	5.65	5.50
220 110 45	1599HBK	722-984●	5.85	5.50	5.26	5.03
Black With Battery Door						
130 65 25	1599HBK	353-6245●	3.78	3.57	3.41	3.25
170 85 35	1599EBKBAT	353-6257●	4.35	4.10	3.92	3.74
40 140 220	1599KBKBAT	384-2691●	6.45	6.28	6.12	5.97
45 110 220	1599HBKBAT	384-2680●	5.65	5.50	5.37	5.21
Grey Without Battery Door						
25 65 130	1599BGY	722-959●	3.89	3.62	3.47	3.26
35 85 170	1599EGY	722-972●	4.45	4.15	3.97	3.77
220 140 40	1599KGY	384-2617●	5.89	5.73	5.60	5.45
220 110 45	1599HGY	722-996●	5.85	5.50	5.26	5.03
Grey With Battery Door						
130 65 25	1599BGYBAT	353-6269●	3.78	3.57	3.41	3.25
170 85 35	1599EGYBAT	353-6270●	4.35	4.10	3.92	3.74
Belt Clip						
Black	1599CLIP	353-6282●	1.33	1.27	1.19	1.12
Grey	1599CLIPGY	353-6294●	1.33	1.27	1.19	1.12

1599 Series

ABS

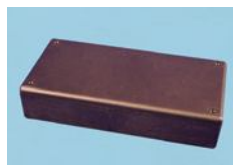


- Attractively styled and ergonomically designed ABS cases
- Battery compartments accept 1 x PP3 or 2 x AA batteries
- Provided with recess area for membrane key pads
- Two piece lap joint construction to protect against dust and splashing of water
- Base secured with 4 self-tapping screws

203443

Mfrs. List No.	Dimensions extérieures H x W x D (mm)	Order Code	1+	10+	25+	50+
Grey - Without battery door						
1599BSGY	x x 2565130	142-6562●	2.75	2.67	2.59	2.51
1599ESGY	x x 3585170	142-6563●	4.23	4.11	3.99	3.87
1599KSGY	x x 40140220	142-6565●	6.36	6.16	5.98	5.79
1599HSGY	x x 45110220	142-6566●	5.10	4.95	4.79	4.65
Grey - With battery door						
1599BSGYBAT	x x 2565130	142-6567●	4.37	4.23	4.11	3.99
1599ESGYBAT	x x 3485170	142-6568●	4.62	4.48	4.35	4.21
1599HSGYBAT	x x 45110220	142-6569●	6.61	6.42	6.22	6.04
Belt Clip						
1599CLIPGY		353-6294●	1.33	1.27	1.19	1.12

Conductive Plastic Hand Held Enclosure



- Moulded from a compound of stainless steel fibers and flame retardant ABS plastic (material carries a UL flammability rating of 94V-0)
- Recessed top for membrane display or keypad
- Designed to meet IP54
- Lid is secured with Philips machine screws, threaded into tapped integral brass bushings
- Perfect for applications with repetitive assembly and disassembly are required

- Two keyhole knockouts are moulded into the inside of the base to facilitate wall mounting installation

Length	Width	Depth	Mfrs. List No.	Order Code
130	65	25	1599RFIBBK	100-9479
170	85	34	1599RFIEBK	100-9481
220	110	39	1599RFIHBK	100-9483
220	140	40.5	1599RFIKBK	100-9486

415762

Mfrs. List No.	Order Code	Price Each			
		1+	10+	25+	50+
1599RFIBBK	100-9479●	11.66	11.42	11.20	10.98
1599RFIEBK	100-9481●	14.62	14.32	14.04	13.75
1599RFIHBK	100-9483●	20.33	19.92	19.52	19.14
1599RFIKBK	100-9486●	26.14	25.62	25.11	24.61

40 Series Hand Held Case



- ABS enclosures with 2AA, PP3 and no battery compartment
- Available in recessed or flush top finishes
- Tapered recessed area suits membrane and flush mount applications
- Internal mounting pillars for PCB's
- Innovative protective boot adds style and functionality
- Provides durability and protects against product damage
- Integrated tilt bar creates optimal viewing angle and keypad accessibility

Colour Dimensions	40 Series Case		Flush Top
	Recessed Area (85x49.5)	Bone	
Bone	95x60x26	Black	95x60x26
Bone	95x60x26	Black	95x60x26
Battery Options			
No Battery Compartment	495-3630	495-3654	495-3678
PP3 Battery Compartment	495-3642	495-3666	495-3680
			495-3691
			495-3708

337835

Mfrs. List No.	Mfrs. List No.	Order Code	1+	Price Each 10+	25+
40 Series Cases					
40-12-NO-R-BO	Bone	495-3630●	3.69	3.35	3.07
40-12-9V-R-BO	Bone	495-3642●	3.69	3.35	3.07
40-12-NO-R-BL	Black	495-3654●	3.69	3.35	3.07
40-12-9V-R-BL	Black	495-3666●	3.69	3.35	3.07
40-12-NO-F-BO	Bone	495-3678●	3.36	3.06	2.80



Hand-Held Enclosures - continued

40 Series Hand Held Case - continued

Mfrs. List No.	Mfrs. List No.	Order Code	1+	Price Each 10+	25+
40 Series Cases					
40-12-9V-F-BO	Bone	495-3680●	3.53	3.19	2.94
40-12-NO-F-BL	Black	495-3691●	3.36	3.06	2.80
40-12-9V-F-BL	Black	495-3708●	3.53	3.19	2.94
Protective Boot for 40 Series					
40-RBT-LBL	Light Blue	495-3710●	3.83	3.50	3.19
40-RBT-DBL	Dark Blue	495-3721●	4.95	4.52	4.12
40-RBT-ORG	Orange	495-3733●	3.83	3.50	3.19
40-RBT-YEL	Yellow	495-3745●	3.83	3.50	3.19
40-RBT-RED	Red	495-3757●	3.83	3.50	3.19
40-RBT-BL	Black	495-3769●	3.83	3.50	3.19
Accessories					
40 Series Belt Clip, Black		495-3770●	1.16	1.05	0.97
Belt Clip, Bone		495-3782●	1.16	1.05	0.97

55 Series Hand Held Case



- ABS enclosures with 2AA, 4AA, PP3, access compartment and no battery
- Tapered recessed area suits membrane and flush mount applications
- Internal mounting pillars for PCB's
- Innovative protective boot adds style and functionality
- Provides durability and protects against product damage
- Integrated tilt bar creates optimal viewing angle and keypad accessibility

Colour Dimensions	55 Series Case		Protective Boot with Integrated Tilt Bar	
	Grey 125x70x24	Black 125x70x24	Colour	Fits 55 Series Case
Battery Options				
No Battery Compartment	495-3290	495-3344	Light Blue	495-3393
2AA Battery Compartment	495-3319	495-3368	Dark Blue	495-3400
4AA Battery Compartment	495-3320	495-3370	Orange	495-3411
PP3 Battery Compartment	495-3332	495-3381	Yellow	495-3423
			Red	495-3435
			Black	495-3447

337836

Mfrs. List No.	Order Code	1+	Price Each 10+	25+
55 Series Hand Held Case				
55-12-NO-R-GRY	495-3290●	7.08	6.44	5.91
55-12-2A-R-GRY	495-3319●	7.08	6.44	5.91
55-12-4A-R-GRY	495-3320●	8.08	7.35	6.73
55-12-9V-R-GRY	495-3332●	7.08	6.44	5.91
55-12-NO-R-BL	495-3344●	7.08	6.44	5.91
55-12-2A-R-BL	495-3368●	7.08	6.44	5.91
55-12-4A-R-BL	495-3370●	8.08	7.35	6.73
55-12-9V-R-BL	495-3381●	7.08	6.44	5.91
Protective Boot				
55-RBT-LBL	495-3393●	8.08	7.35	6.73
55-RBT-DBL	495-3400●	8.08	7.35	6.73
55-RBT-ORG	495-3411●	8.08	7.35	6.73
55-RBT-YEL	495-3423●	8.08	7.35	6.73
55-RBT-RED	495-3435●	8.08	7.35	6.73
55-RBT-BL	495-3447●	8.08	7.35	6.73
Accessories				
End Plate, Infra Red x 10	495-3885●	8.13	7.43	6.86
Belt Clip, Black	495-3770●	1.16	1.05	0.97
Belt Clip, Bone	495-3782●	1.16	1.05	0.97

100 Series Hand Held LCD Enclosures



- ABS enclosures with 2 x AA, 4 x AA, PP3 and no battery option
- Recessed area on top surface for membrane keypads
- Standard LCD windows for 2 x 16 and 2" LC modules
- Innovative boot improves durability and protects against damage
- Integrated tilt bar creates optimal viewing angle and keypad accessibility

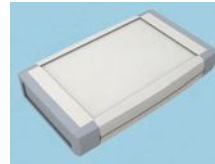
Colour Dimensions	100 Series Case		Protective Boot with Integrated Tilt Bar	
	Bone 191x102x33	Black 191x102x33	Colour	Fits 100 Series Case
LCD Window	2x16 LCD	2x16 LCD	Light Blue	495-2753
Window Size	60x15mm	60x15mm	Dark Blue	495-2765
Battery Options			Orange	495-2777
No Battery Compartment	495-2674	495-2716	Yellow	495-2789
4 x AA Battery Compartment	495-2698	495-2730	Red	495-2790
PP3 Battery Compartment	495-2704	495-2741	Black	495-2807

337833

Mfrs. List No.	Order Code	1+	Price Each 10+	25+
100 Series Cases				
101-42-NO-R-BO	495-2674●	7.72	7.02	6.44
101-42-4A-R-BO	495-2698●	7.72	7.02	6.44
101-42-9V-R-BO	495-2704●	7.72	7.02	6.44
101-42-NO-R-BL	495-2716●	7.72	7.02	6.44
101-42-4A-R-BL	495-2730●	7.72	7.02	6.44
101-42-9V-R-BL	495-2741●	7.72	7.02	6.44
100 Series Protective Boot				
100-RBT-LBL	495-2753●	7.72	7.02	6.44
100-RBT-DBL	495-2765●	7.72	7.02	6.44
100-RBT-ORG	495-2777●	7.72	7.02	6.44
100-RBT-YEL	495-2789●	5.48	4.98	4.57
100-RBT-RED	495-2790●	7.72	7.02	6.44
100-RBT-BL	495-2807●	7.72	7.02	6.44
Accessories				
100 Series Expander Panel, Black	495-3794●	1.16	1.05	0.97
Expander Panel, Bone	495-3800●	1.16	1.05	0.97
90 Series				
Belt Clip, Black	495-3770●	1.16	1.05	0.97
Belt Clip, Bone	495-3782●	1.16	1.05	0.97

Handy Case

ABS - 32 Series



Multi-purpose hand-held enclosures, for a diverse range of applications. They boast a unique quick to assemble and very functional snap-fit design. There are four medium-sized dimensions available, protected up to IP65 with the addition of the optional rubber gasket.

- Moulded from high quality ABS
- Unique snap-fit design (without screws). The battery compartment lid has a retaining screw
- Handy ergonomics suitable for lengthwise, as well as upright operation of the equipment
- The optional gasket provides compliance with protection class IP65
- Recessed areas for mounting membrane keypads in lid, base, as well as both end caps
- Internal screw pillars for mounting PCB's in cover and bottom
- Temperature resistant up to 85°C
- Lid, Base and End Caps
- The larger 30mm height sizes include the battery compartment cover and retaining screw

516272

Dimensions (mm)	Mfrs. List No.	Order Code	1+	Price Each 10+	25+	50+
H W D						
Grey						
20 75 100	33132002	162-0892●	6.92	6.64	6.38	6.12
30 75 100	33132003	162-0893●	10.35	9.94	9.54	9.16
20 75 120	33132004	162-0894●	7.12	6.83	6.56	6.29
30 75 120	33132005	162-0895●	10.97	10.53	10.11	9.70
Dark Grey						
20 75 100	33132202	162-0896●	6.92	6.64	6.38	6.12
30 75 100	33132203	162-0898●	10.35	9.94	9.54	9.16
20 75 120	33132204	162-0899●	7.12	6.83	6.56	6.29
30 75 120	33132205	162-0900●	10.97	10.53	10.11	9.70
Accessories						
IP 67 Gasket Seal	33070045	162-0901●	1.05	1.01	0.97	0.93

Hand Held - Datec Control

ABS



Enclosure External Dimensions (mm)	Size/Category	Order Code
H W D		
39.5 94 200	XS	123-6634
47 117 228	S	123-6637

Mfrs. List No.	Order Code	Mfrs. List No.	Order Code	Mfrs. List No.	Order Code
A9076107	123-6634	A9177137	123-6641	A9174004	774-807
A9076109	123-6636	A9177139	123-6642	A9161001	774-819
A9077107	123-6637	A9178007	123-6643	A9176006	123-6646
A9077109	123-6638	A9176128	123-6644	A9177006	123-6648
A9176137	123-6639	A9176007	123-6645	440005P	118-3123
A9176139	123-6640				

444913

Colour	Order Code	1+	5+	Price Each 15+	25+	50+
Enclosures - XS						
Cremerfarben (RAL 9002)	123-6634●	13.44	12.77	12.13	11.52	10.94
Schwarz (RAL 9005)	123-6636●	13.44	12.77	12.13	11.52	10.94
Enclosures - S						
Cremerfarben (RAL 9002)	123-6637●	23.23	22.07	20.97	19.92	18.92
Schwarz (RAL 9005)	123-6638●	23.23	22.07	20.97	19.92	18.92
Docking Stations - XS						
Cremerfarben (RAL 9002)	123-6639●	5.43	5.16	4.90	4.66	4.43
Schwarz (RAL 9005)	123-6640●	5.43	5.16	4.90	4.66	4.43

Colour	Order Code	1+	5+	15+	25+	50+
Docking Stations - S						
Cremerfarben (RAL 9002)	123-6641●	6.89	6.55	6.22	5.91	5.61
Schwarz (RAL 9005)	123-6642●	6.89	6.55	6.22	5.91	5.61
Accessories						
Docking Station Contact Kit	123-6643●	13.44	12.77	12.13	11.52	10.94
Battery Cradle - XS	123-6644●	2.05	1.95	1.85	1.76	1.67
Battery Clips	123-6645●	1.89	1.80	1.71	1.62	1.54
Battery Cradle - S	774-807●	4.29	4.08	3.88	3.69	—
Battery Clips	774-819●	1.94	1.84	1.75	1.66	—
Sealing Kit XS - IP 65	123-6646●	1.48	1.41	1.34	1.27	1.21
Sealing Kit S - IP 65	123-6648●	1.89	1.80	1.71	1.62	1.54
Battery Connector PP3	118-3123●	1.45	1.21	1.08		

ABS Soft Sided Hand Held Enclosure

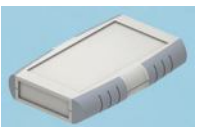


- Ergonomically designed for hand-held comfort
- Choice of two versions (with or without battery door & compartment) - in two sizes
- Over molded in general purpose ABS plastic with a soft plastic grip
- Top cover is recessed for membrane display or keypad
- P.C. board standoffs are molded into case
- Includes removable front panel (for easy modifications) and assembly hardware
- Battery door & compartment version includes 4 battery clips (for 2 - AA batteries) and a 9 volt (PP3) battery clip

415747.511612

Dimensions (mm)	Mfrs. List No.	Order Code	1+	10+	25+	50+
L W D						
Without Battery Compartment - Grey Grip						
Black Body						
117 79 24	1553BBK	100-9437●	4.28	4.18	4.08	3.97
147 89 25	1553DBK	100-9439●	4.68	4.58	4.46	4.34
Grey Body						
117 79 24	1553BGY	100-9438●	4.28	4.18	4.08	3.97
147 89 25	1553DGY	100-9440●	4.68	4.58	4.46	4.34
With Battery Compartment - Grey Grip						
Black Body						
117 79 24	1553BBKBAT	100-9441●	6.39	6.22	6.07	5.91
147 89 25	1553DBKBAT	100-9443●	7.09	6.91	6.73	6.56
Grey Body						
117 79 24	1553BGYBAT	100-9442●	6.39	6.22	6.07	5.91
147 89 25	1553DGYBAT	100-9444●	7.09	6.91	6.73	6.56
Without Battery Compartment - Black Grip						
Black Body						
117 79 24	1553BBKBK	NEW 151-1156●	4.28	4.18	4.08	3.97
147 89 24	1553DBKBK	NEW 151-1160●	4.68	4.58	4.46	4.34
Translucent Blue Body						
117 79 24	1553BTBUBK	NEW 151-1157●	4.28	4.18	4.08	3.97
147 89 24	1553DTBUBK	NEW 151-1161●	4.68	4.58	4.46	4.34
Red Body						
117 79 24	1553BRDBK	NEW 151-1158●	4.28	4.18	4.08	3.97
147 89 24	1553DRDBK	NEW 151-1162●	4.68	4.58	4.46	4.34
Yellow Body						
117 79 24	1553BYLBK	NEW 151-1159●	4.28	4.18	4.08	3.97
147 89 24	1553DYLBK	NEW 151-1163●	4.68	4.58	4.46	4.34
With Battery Compartment - Black Grip						
Black Body						
117 79 24	1553BBKBKBAT	NEW 151-1164●	6.39	6.22	6.07	5.91
147 89 24	1553DBKBKBAT	NEW 151-1169●	7.09	6.91	6.73	6.56
Translucent Blue Body						
117 79 24	1553BTBUBKBAT	NEW 151-1165●	6.39	6.22	6.07	5.91
147 89 24	1553DTBUBKBAT	NEW 151-1170●	7.09	6.91	6.73	6.56
Red Body						
117 79 24	1553BRDBKBAT	NEW 151-1167●	6.39	6.22	6.07	5.91
147 89 24	1553DRDBKBAT	NEW 151-1171●	7.09	6.91	6.73	6.56
Yellow Body						
117 79 24	1553BYLBKBAT	NEW 151-1168●	6.39	6.22	6.07	5.91
147 89 24	1553DYLBKBAT	NEW 151-1172●	7.09	6.91	6.73	6.56

Grip Case ABS - 33 Series



Innovative and unique enclosure concept to achieve IP65 rating without screws, ergonomically designed for maximum user interface comfort, available in 6 sizes. The range has been developed to meet the highest mechanical demands, complemented by rubberized corners for extra protection and additional grip.

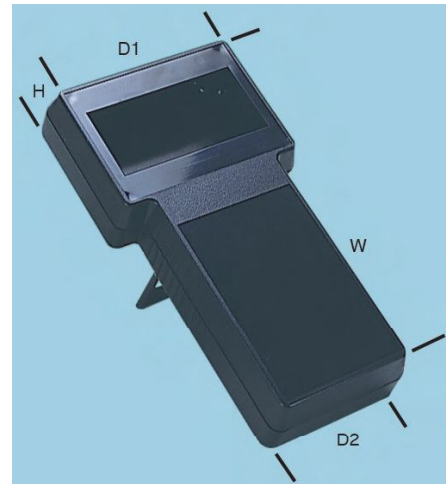
- Moulded in high impact ABS (3mm wall thickness)
- Advanced snap-fit design (without screws)
- Rapid installation by utilizing the four rubberized side elements for a snap-fit assembly
- The battery compartment lid has a retaining screw
- Added security will be achieved by applying the optional retaining screws
- Internal screw pillars are moulded into cover and base for PCB assembly (self-tapping screws)
- Side elements made from Polypropylene coated with TPE

- Up to IP 65, by applying the optional gasket
- Standard Unit includes Lid, base and rubberized side elements (corners)
- The 35mm and 40mm deep sizes include the battery compartment cover and retaining screw

516284

Dimensions (mm)	Mfrs. List No.	Order Code	1+	10+	25+	50+
H W D						
Light Grey						
25 95 145	33133001	162-0902●	17.95	17.24	16.54	15.88
35 95 145	33133002	162-0904●	22.70	21.79	20.92	20.08
25 110 185	33133003	162-0905●	19.02	18.26	17.52	16.82
35 110 185	33133004	162-0906●	24.31	23.34	22.40	21.50
25 120 200	33133005	162-0907●	21.83	20.95	20.11	19.31
35 120 200	33133006	162-0908●	26.25	25.19	24.18	23.22

Optional Window ABS (High Impact)



- High impact ABS cases
- Internal PCB mounting pillars for self-tapping screws
- Removable tilt stand. Can also be used as wall mounting
- Available with open display window or solid front
- Case held together by 6 M3 screws (supplied)

Display Aperture 101.5 x 44.5					
External Dimensions					
	H	W	D ₁	D ₂	
	45	237	131	95	230639
	Order Code	1 +	Price Each		
			5 +	10 +	25 +
With Display Window					
Black	109-4716●	19.93	19.08	17.00	15.12
Solid Front					
Black	109-4717●	19.40	18.58	16.56	14.72

'Smart' Enclosure ABS



- Ergonomic pocket size cases for remote controls and hand-held devices
- Four sizes, XS, M, L & XL moulded in off-white and black ABS
- Contoured shape very comfortable to hold while operating controls
- Recessed area in top for mounting a membrane keypad or product label
- Battery compartments: Size M (2 x 1.5V AAA), size L & XL (2 x 1.5V AA)
- Internal screw pillars provided for mounting PCB's. XS supplied with key ring
- Robust screw-on pocket clips available as accessories

Operating temperature -40°C to 70°C

Description	Width	Depth	Height	Mfrs. List No.	Order Code
Smart Cases					
XS off-white	36	58	19	A9064107F	537-1120
XS black	36	58	19	A9064109F	537-1132
M off-white	47	96	24	A9066117F	537-1144
M black	47	96	24	A9066119F	537-1156
L off-white	63	140	31	A9067107F	537-1168
L black	63	140	31	A9067109F	537-1170
XL off-white	74	168	35	A9068107F	537-1181
XL black	74	168	35	A9068109F	537-1193
Accessories					
Pocket clip off-white				A9167017	537-1200
Pocket clip black				A9167019	537-1211



Hand-Held Enclosures - continued

'Smart' Enclosure - continued

ABS - continued

341096

Colour	Order Code	1+	10+	25+	50+
Smart XS					
Off White	537-1120●	5.27	5.01	4.76	4.52
Black	537-1132●	4.81	4.41	4.12	3.87
Smart M					
Off White	537-1144●	9.08	8.63	8.20	7.79
Black	537-1156●	9.08	8.63	8.20	7.79
Smart L					
Off White	537-1168●	15.20	14.44	13.72	13.03
Black	537-1170●	15.20	14.44	13.72	13.03
Smart XL					
Off White	537-1181●	15.59	14.81	14.07	13.37
Black	537-1193●	15.59	14.81	14.07	13.37
Pocket Clip					
Off White	537-1200●	2.08	1.98	1.88	1.79
Black	537-1211●	1.73	1.64	1.58	1.52

Grip-Tech Hand-Held Enclosure

Type 1



The Grip-Tech range features unique interchangeable rubber side grips allowing for off-the-shelf colour integration to fit customer specific colour requirements. They are all **NEMA 4** rated and moulded with polycarbonate material for extreme durability.

- Polycarbonate material
- **UL94-V0** rated
- **NEMA 4** sealing
- Brass assembly inserts
- Stainless steel assembly screws
- Screw on battery door
- Changeable side grips

Size	Length	Width	Depth
Small	190	124	50
Medium	210	124	51

How To Order:-
 1. Pick enclosure style and size
 2. Pick side grips for case (sold separately)
 3. Pick battery holder (sold separately)

416419

Type	Colour	Mfrs. List No.	Order Code	1+	Price Each	15+
Small						
No LCD	Black	210-12-BK	101-4385●	19.13	17.52	15.63
No LCD	White	210-12-TW	101-4386●	19.13	17.52	15.63
Medium						
No LCD	Black	220-12-BK	101-4395●	20.44	18.59	16.68
No LCD	White	220-12-TW	101-4396●	20.44	18.59	16.68

Grip-Tech Accessories

Battery Compartment



A range of battery compartments especially made for the Grip-Tech range of enclosures.

416458

Type	Colour	Mfrs. List No.	Order Code	1+	Price Each	15+
Small						
2 x 9V	Black	SBH-29V-BK	101-4510●	0.38	0.34	0.29
4 x AA	Black	SBH-4AA-BK	101-4515●	0.38	0.34	0.29
1 x 9V	Black	SBH-9V-BK	101-4517●	1.45	1.41	1.37

Grip-Tech Accessories

Rubber Side Grips

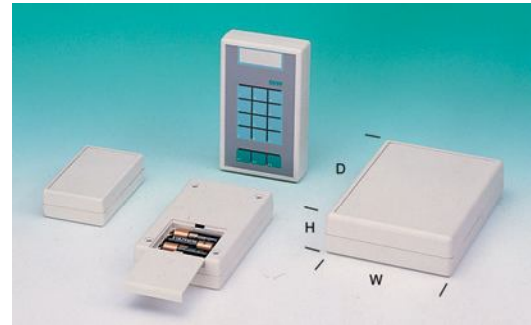


A range of rubber side grips especially made for the Grip-Tech range of enclosures.

416464

Type	Colour	Mfrs. List No.	Order Code	1+	Price Each	15+
Type 1						
Small						
	Black	21G-BK	101-4519●	0.82	0.74	0.69
	Grey	21G-GY	101-4521●	0.82	0.74	0.69
	Blue	21G-LB	101-4522●	0.82	0.74	0.69
	Red	21G-RD	101-4525●	0.82	0.74	0.69
Medium						
	Black	22G-BK	101-4527●	0.82	0.74	0.69
	Grey	22G-GY	101-4529●	0.82	0.74	0.69
	Blue	22G-LB	101-4530●	0.82	0.74	0.69
	Red	22G-RD	101-4532●	0.82	0.74	0.69

'Shell with Recess' (Optional Battery Compartment) PS



- Stylish and robust cases in off-white RAL9002 textured high impact polystyrene
- Recessed top for mounting membrane keypads and product labels
- Internal mounting pillars in top and base for PCBs
- Three sizes available with or without battery compartment

Operating temperature -40°C to +80°C

External Dimensions	H	W	D	Recess Area	Battery Compartment	Mfrs. List No.	Order Code
33.5	72	114		60x102x1	none	A9406351	775-277
33.5	95	158		81.5x144.5x1	none	A9408351	775-290
33.5	95	158		81.5x144.5x1	4 x 1.5V x AA	A9408357	775-307
45.5	138	190		120x172x1	none	A9413351	775-319
45.5	138	190		120x172x1	4 x 1.5V x AA	A9413357	775-320

230634

Order Code	1+	Price Each	25+	50+
775-277●	12.32	11.70	11.12	10.56
775-290●	13.71	13.02	12.37	11.75
775-307●	18.10	17.20	16.34	15.52
775-319●	17.43	16.56	15.73	14.94
775-320●	21.52	20.44	19.42	18.45

Window 'Datec Mobil' (Battery Compartment)

ABS



- Stylish, robust and ergonomic ABS cases with top recess for membrane key pads
- Ideal for test and measurement, data-loggers and other hand held instruments
- Two sizes M & S in two colours off-white and black
- With or without LCD display window aperture
- Battery compartments: M takes 4xAA and S takes 2xAA or 1xPP3 cells
- Internal mounting pillars in top and base for PCBs
- Order separately the size M battery compartment and battery clips

Operating temperature -40°C to +90°C

	External Dimensions	H	W	D	Recess Area	Window Area	Mfrs. List No.	Order Code
M black	44	101	195		81x168	No window	A9074109	774-753
M black	44	101	195		81x168	60 x 15	A9074209	775-939
S off-white	33.5	83	152		68x129.5	No window	A9073107	774-765
S black	33.5	83	152		68x129.5	No window	A9073109	774-789
S black	33.5	83	152		68x129.5	45.6 x 17.7	A9073209	774-790

Battery Compartment for size M (pre-moulded in size S case)

Battery clips set for 4 AA cells for size M

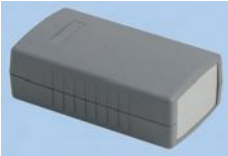
Battery clips set for 2 AA cells for size S

A9174004	774-807
A9161001	774-819
A9194001	774-820

219606

	Order Code	1+	10+	25+	50+
Size M Case Without Window					
Black	774-753●	27.38	26.01	24.71	23.47
Size M Case With Window					
Black	775-939●	27.38	26.01	24.71	23.47
Size S Case Without Window					
Off White	774-765●	21.36	20.29	19.28	18.32
Black	774-789●	21.36	20.29	19.28	18.32
Size S Case With Window					
Black	774-790●	21.36	20.29	19.28	18.32
Accessories					
Battery Compartment for M	774-807●	4.29	4.08	3.88	3.69
Battery Clips for Size M	774-819●	1.94	1.84	1.75	1.66
Battery Clips for Size S	774-820●	1.48	1.41	1.34	1.27

Multipurpose ABS



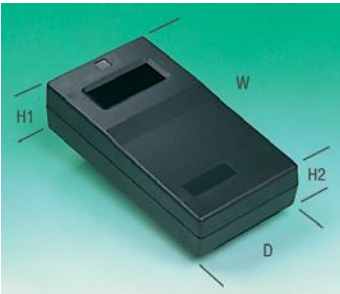
- Made of high impact ABS plastic
- Flammability rating UL 94-V0
- Two part design with tongue and groove joint between case halves
- Light grey end panels
- IP54 sealing
- Internal guide slots for vertical PCB mounting
- Bosses are provided for horizontal mounting of PCB's

- Lid and base secured by 4 x M3 countersunk screws
- Replaces Veronex range of cases

499230

External Dimensions (mm)			Mfrs. List No.	Order Code	1+	10+	25+	50+
H	W	D						
16	90	50	G401	152-6726●	1.40	1.31	1.21	1.13
24	90	50	G403	152-6727●	1.61	1.50	1.41	1.32
32	90	50	G404	152-6729●	1.69	1.58	1.48	1.38
30	120	60	G407	152-6731●	2.72	2.54	2.38	2.20
40	120	60	G410	152-6732●	2.95	2.73	2.56	2.39
50	120	60	G412	152-6733●	3.32	3.08	2.89	2.68
30	150	80	G413	152-6734●	3.76	3.51	3.27	3.05
45	150	80	G416	152-6735●	4.04	3.75	3.52	3.26
60	150	80	G418	152-6736●	4.20	3.92	3.66	3.42
40	190	100	G421	152-6737●	5.78	5.38	5.04	4.69
60	190	100	G422	152-6738●	6.05	5.62	5.25	4.89
80	190	100	G425	152-6739●	6.36	5.92	5.54	5.15

Window (Battery Compartment) ABS



- Low cost, high quality calculator style cases, moulded in black ABS
- Integral battery compartment with sliding cover
- Will accommodate 2 x PP3 batteries
- Internal PCB pillars provided in both halves of case
- Small removable panel at window end of case is provided to facilitate leads etc.

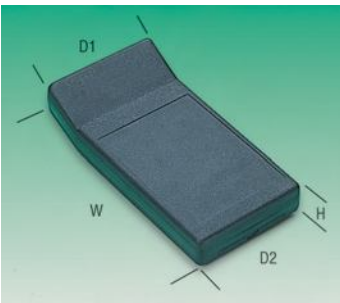
External Dimensions				Max. PCB Size		Display Window
H ₁	H ₂	W	D	Top	Bottom	
37.5	33	154	81	107x71	105x56	49x19

230638

Colour	Mfrs. List No.	Order Code	1+	25+	50+
Black	BC4	645-758●	5.35	4.75	4.35

Sloped Window - '2900 Series' (Battery Compartment)

ABS



- Moulded in black ABS. Easily drilled or punched
- Incorporates 1 x PP3 battery compartment with removable lid
- 24° angled display area can accommodate various LCDs with bezels
- Internally moulded mounting bosses provided on lid
- Recessed keypad area. Four rubber feet provided

H = 25, W = 165, D₁ = 87, D₂ = 83

230642

Order Code	1+	10+	25+
117-1649●	7.88	7.32	6.31

Hand Held Enclosure with Removable Panel

ABS



- Lap joint construction
- Complete with removable front panel
- Panels are light grey ABS
- Fixing screws and PCB mounting screw are supplied
- Designed to meet IP 65
- Flame retardant ABS according to UL 94 HB

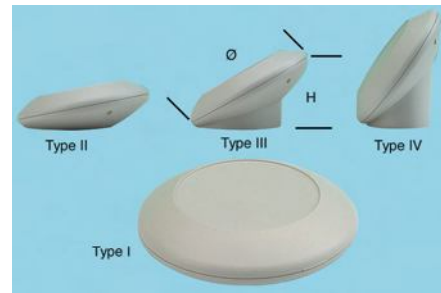


499249

Dimensions (mm)			Mfrs. List No.	Order Code	1+	10+	25+	50+
H	W	D						
25	60	100	MCRH3115	152-0393●	2.21	2.04	1.87	1.77
25	70	120	MCRH3135	152-0394●	2.60	2.40	2.18	2.08
32	80	165	MCRH3155	NEW 163-5121●	4.28	3.93	3.58	3.42
32	100	165	MCRH3165	152-0395●	4.63	4.25	3.90	3.70
40	100	190	MCRH3195	NEW 163-5122●	5.82	5.35	4.87	4.64
40	135	185	MCRH3185	152-0396●	6.51	5.99	5.47	5.20

Wall Mount Enclosures

'Art' Enclosure ABS



- Unique round enclosures for hand-held, desktop or wall mounted electronics
- Recess in top for mounting a membrane keypad or product label (Ø72)
- Moulded in off-white ABS with internal screw pillars for mounting PCB's
- Range of four models with flat or inclined bottom parts
- Two models have extension bases which increase the unit height and tilt the front section 30° or 60°
- Easy assembly with bayonet fitting and a single fixing screw

Operating temperature -40°C to 70°C

Technical Data

	External Dimensions Ø	Height	Bottom Part	Extension Base	Mfrs. List No.	Order Code
Art Cases						
Type I	110	30	Flat	No	B5011007	537-1016
Type II	110	38	Inclined	No	B5011207	537-1028
Type III	110	63	Inclined	Yes - 30°	B5011407	537-1030
Type IV	110	95	Inclined	Yes - 60°	B5011607	537-1041

Accessories

Battery compartment kit for 2x1.5V AAA cells	B5011107F	537-1053
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341094

Mfrs. List No.	Order Code	1+	5+	10+	25+
Art Cases					
B5011007	537-1016●	9.13	8.92	8.68	8.46
B5011207	537-1028●	8.87	8.66	8.44	8.22
B5011407	537-1030●	10.46	10.21	9.95	9.69
B5011607	537-1041●	10.46	10.21	9.95	9.69
Accessories					
B5011107F	537-1053●	6.71	6.37	6.05	5.75

Hand Held or Wall Mount - starCASE

ABS



- Advanced contoured enclosures with IP 66 seal lid
- Suitable for wall mounting or portable applications
- Hinged flush-fitting trims hide the case fixing screws
- Two lid retaining straps included
- Flame retardant UL 94 V-0 material



Enclosure External Dimensions (mm)			Mounting Holes	Order Code
H	W	D		
50	90	120	99 x 34mm	123-6627
50	90	160	139 x 34mm	123-6628
60	110	200	179 x 54mm	123-6629
60	130	160	139 x 74mm	123-6630
60	170	280	259 x 114mm	123-6631



Wall Mount Enclosures - continued

Hand Held or Wall Mount - starCASE - continued

ABS - continued

444940

Mfrs. List No.	Order Code	1+	10+	25+	50+	+
Enclosures - Light Grey (7035)						
230.090.000	123-6627●	14.98	14.62	14.24	13.87	--
230.092.000	123-6628●	16.72	16.30	15.88	15.47	--
230.112.000	123-6629●	21.52	20.98	20.45	19.93	--
230.130.000	123-6630●	18.41	17.95	17.48	17.02	--
230.172.000	123-6631●	34.67	33.81	32.95	32.10	--

Wall/Table Mount - Diatec

ABS



- Flat enclosure design
- Plain recessed area at bottom for protection of interfaces
- Invisible Mounting
- Recessed operating area protects operating elements
- Matched colour hinged lid

Enclosure External Dimension (mm)			Size/Category	Order Code
H	W	D		
48	210	200	S	123-6632
48	270	200	M	123-6633

444927

Mfrs. List No.	Order Code	1+	10+	25+	50+	+
Enclosure - Off White (RAL 9002)						
A9093107	123-6632●	29.48	28.01	26.61	25.28	--
A9094107	123-6633●	32.75	31.11	29.55	28.07	--

Datamet - Wall Mount

Aluminium - Indoor Use



Modern aluminium enclosures designed for indoor use. Provide total access to the contents during installation on the wall. They are designed with die-cast front bezel, top cover and L shaped rear panels. Front panels and internal mounting plate kits are available separately.

External Dimensions			For use with Case Size	Order Code
H	W	D		
Case				
180	250	116	Small	132-9970
300	450	116	Large	132-9973
Front Panel				
159.5	220		Small	132-9974
279.5	370		Large	132-9976

458313

Mfrs. List No.	Order Code	1+	5+	10+	25+
Case					
M5825105	132-9970●	83.14	78.98	75.03	71.27
M5840105	132-9973●	99.11	94.14	89.45	84.97
Front Panel					
M5800025	132-9974●	9.47	8.98	8.54	8.12
M5800040	132-9976●	17.45	16.58	15.73	14.94

IP65, PC or ABS

Cardmaster 3 - Smoked Transparent Cover



The Cardmaster family of enclosures is designed to provide a safe and dependable solution to instrument packaging. Ideal for measurement, monitoring and process control equipment. Modern, durable materials are combined with an easy and reliable locking system and transparent door, to protect instrumentation and electronics. Enclosure base, terminal compartment cover, polyamide hinges, locking devices, wall fastening cover plug and mounting screws are included to make installation and use of this range of enclosures easy.

- IP 65 rated
- Impact resistant polycarbonate or ABS
- Easy and reliable locking system
- Separate compartment for terminal wiring

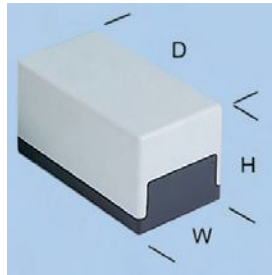
- Built in PCB card guides
- Certified by Fimko, EN 50298 1998, Gost R and UL Recognised

External Dimensions			Polycarbonate Order Code	ABS Order Code
H	W	D		
160	166	134	112-3374	125-6253
185	213	118	112-3375	125-6254
219	280	156	125-6250	125-6255
260	296	125	125-6251	125-6256

Mfrs. List No.	Order Code	1+	10+	25+
Polycarbonate				
PC 17/16-3	112-3374●	31.62	29.33	26.39
PC 21/18-3	112-3375●	33.14	30.72	27.64
PC 25/22-3	125-6250●	33.37	30.04	27.79
PC 30/25-3	125-6251●	49.48	44.53	41.20
ABS				
ABS 17/16-3	125-6253●	29.00	26.09	24.13
ABS 21/18-3	125-6254●	25.25	22.72	21.01
ABS 25/22-3	125-6255●	30.08	27.07	25.04
ABS 30/25-3	125-6256●	40.32	36.29	33.57

Desktop/Wall Mount Electronic Enclosure

Element



- High impact resistant polystyrene cases with knockouts for wall mounting
- Four internal posts allow mounting of PCBs
- Screw holes have recesses which accept sealing compound for tamper proofing
- Operating temperature -40°C to 65°C

Order Code		External Dimensions		
		H	W	D
117-7048		25	50	100
117-7049		40	65	120
112-4099		65	65	120
117-7050		55	80	150
117-7051		80	80	150
117-7052		70	110	188
117-7053		100	110	188

203408

Type	Order Code	1+	10+	25+	50+
E410	117-7048●	8.42	7.62	7.23	7.05
E430	117-7049●	10.35	9.33	8.83	8.60
E435	112-4099●	11.15	10.33	8.67	7.84
E440	117-7050●	11.78	10.95	10.34	10.08
E445	117-7051●	15.29	14.20	13.41	13.09
E450	117-7052●	15.61	14.08	13.28	12.95
E460	117-7053●	19.02	17.52	16.61	16.19

Screening Cans

RFI/EMI Screening



PCB Mounting Open Frame Closed Frame

- Quick, efficient and cost effective specific board level screening
- PCB mounting, open frame, closed frame, screening strips and can types available
- Fingured lids provide easy access whilst maintaining good attenuation
- Bright steel construction to BS1449 Pt.1 CR4
- Divider strip available for PCB mounting types
- Rust resist, solderable coating (60:40 tin/lead) to BS219 grade K

224446

H	W	D	Mfrs. List No.	Order Code	1+	10+	20+
PCB Mounting							
10	20	20	PFL1T	118-1371●	4.38	3.94	3.64
15	30	30	PFL5T	118-1372●	5.85	5.25	4.85
15	25	50	PFL2T	118-1374●	5.72	5.14	4.74
15	50	50	PFL6T	118-1375●	6.41	5.76	5.31
25	50	75	PFL3T	118-1376●	7.01	6.31	5.82
25	75	75	FPFL7T	118-1377●	7.73	6.95	6.42
25	50	100	PFL4T	118-1378●	8.67	7.81	7.21
25	75	125	PFL8T	118-1379●	10.66	9.60	8.85
15	75	50	PFL9T	118-1395●	6.89	6.20	5.72
10	25	25	PFL11T	118-1396●	5.05	4.53	4.18
15	40	40	PFL12T	118-1398●	6.20	5.59	5.15
Open Frame							
15	50	50	FFL1T	118-1380●	8.79	7.91	7.30
15	50	75	FFL5T	118-1381●	9.18	8.28	7.62
25	50	100	FFL2T	118-1382●	9.41	8.47	7.81
35	100	160	FFL3T	118-1383●	13.70	12.32	11.37
50	100	220	FFL4T	118-1384●	15.89	14.30	13.19
Closed Frame							
15	50	50	CFL1T	118-1386●	6.22	5.61	5.16
25	50	75	CFL2T	118-1387●	7.46	6.72	6.19
35	50	100	CFL3T	118-1388●	7.97	7.18	6.63
50	100	160	CFL4T	118-1389●	10.27	9.24	8.52
10	20	20	CFL5T	118-1391●	3.92	3.53	3.26
15	30	30	CFL6T	118-1392●	6.26	5.64	5.20
15	50	25	CFL7T	118-1393●	6.89	6.20	5.72
25	75	75	CFL8T	118-1394●	7.73	6.95	6.42

H	W	D	Mfrs. List No.	Order Code	1+	10+	20+
PCB Can							
15	20	20	PCMC1	444-6641●	2.00	1.77	1.54
15	25	25	PCMC2	444-6653●	2.32	2.06	1.79
15	40	30	PCMC5	444-6689●	2.55	2.26	1.98
15	40	40	PCMC7	444-6707●	2.68	2.39	2.09
15	50	50	PCMC8	444-6719●	3.18	2.82	2.47
20	60	40	PCMC9	444-6720●	3.18	2.82	2.47
25	70	50	PCMC10	444-6732●	4.11	3.64	3.18
25	75	75	PCMC11	444-6744●	4.81	4.29	3.74
Screening Strips x 5							
232	10	0.54	SS232/10-5PK	444-6768●	5.02	4.42	3.89
232	15	0.54	SS232/15-5PK	444-6770●	5.76	5.11	4.44
232	20	0.54	SS232/20-5PK	444-6781●	5.85	5.17	4.57
Divider Strip for PCB Mounting							
			SS185/25T	118-1390●	1.23	1.11	1.03

Desktop & Instrument Enclosures

Aluminium Instrument Housing - IP54

1455 Series



- Rugged clear anodised extruded aluminium body
- Suitable for housing PCB's, equipment interfacing or hand held applications
- PCB's mount horizontally into internal slots in the body
- All except smallest size (23mm H) have a removable large side to enable easy machining
- Two end panel options:
Version 1 - 2 x anodised aluminium end panels that can be mounted into attractive black plastic bezels or directly on to body
Version 2 - 2 x black plastic end panel with integral bezel
- Hardware and 4 x self-adhesive rubber feet included with both versions

246059

External Dimensions	H	W	D	Mfrs. List No.	Order Code	1+	10+	25+	50+
Version 1 - Extrusion Colour -									
23	80	54	1455C801	427-2810●	8.01	7.36	7.12	6.72	
23	120	54	1455C1201	427-2821●	7.73	7.11	6.87	6.49	
43	120	78	1455K1201	427-2857●	11.66	10.72	10.35	9.79	
27	120	78	1455J1201	427-2833●	9.52	8.75	8.46	7.99	
31	120	103	1455L1201	427-2870●	10.64	9.78	9.46	8.94	
53	120	103	1455N1201	427-2900●	12.99	11.94	11.54	10.90	
27	160	78	1455J1601	427-2845●	10.91	10.04	9.70	9.17	
43	160	78	1455K1601	427-2869●	12.58	11.57	11.17	10.56	
31	160	103	1455L1601	427-2882●	11.48	10.56	10.20	9.64	
53	160	103	1455N1601	427-2912●	14.11	12.97	12.54	11.84	
30.5	160	125	1455P1601	NEW 151-1212●	11.98	11.37	10.78	10.18	
51.5	160	125	1455Q1601	NEW 151-1214●	13.22	12.56	11.89	11.24	
51.5	160	125	1455Q1601BK	NEW 151-1215●	15.65	14.86	14.09	13.30	
51.5	160	165	1455T1601	NEW 151-1218●	15.61	14.83	14.05	13.27	
31	220	103	1455L2201	427-2894●	12.75	11.73	11.33	10.71	
53	220	103	1455N2201	427-2924●	15.94	14.67	14.17	13.39	
30.5	220	125	1455P2201	NEW 151-1220●	13.71	13.03	12.34	11.65	
51.5	220	125	1455Q2201	NEW 151-1223●	15.26	14.49	13.73	12.97	
30.5	220	165	1455R2201	NEW 151-1225●	16.32	15.50	14.69	13.87	
51.5	220	165	1455T2201	NEW 151-1227●	18.26	17.35	16.43	15.52	
Version 1 - Extrusion Colour - Black Anodised									
23	80	54	1455C801BK	928-7787●	9.21	8.47	8.18	7.73	
27	120	78	1455J1201BK	928-7809●	10.74	9.87	9.54	9.02	
43	120	78	1455K1201BK	928-7825●	13.19	12.13	11.72	11.08	
31	120	103	1455L1201BK	928-7841●	9.21	8.47	8.18	7.73	
53	120	103	1455N1201BK	928-7876●	14.38	13.23	12.78	12.08	
43	160	78	1455K1601BK	928-7833●	14.03	12.90	12.46	11.78	
31	160	103	1455L1601BK	928-7850●	10.81	9.95	9.61	9.08	
53	160	103	1455N1601BK	928-7884●	15.48	14.24	13.76	13.01	
30.5	160	125	1455P1601BK	NEW 151-1213●	13.91	13.22	12.53	11.82	
51.5	160	125	1455Q1601BK	NEW 151-1214●	13.22	12.56	11.89	11.24	
30.5	160	165	1455R1601BK	NEW 151-1217●	13.97	13.28	12.58	11.88	
51.5	160	165	1455T1601BK	NEW 151-1219●	17.91	17.01	16.12	15.23	
53	220	103	1455N2201BK	928-7892●	17.29	15.90	15.37	14.53	
30.5	220	125	1455P2201BK	NEW 151-1222●	15.61	14.83	14.05	13.27	
51.5	220	125	1455Q2201BK	NEW 151-1224●	17.65	16.77	15.88	15.00	
30.5	220	165	1455R2201BK	NEW 151-1226●	18.26	17.35	16.43	15.52	
51.5	220	165	1455T2201BK	NEW 151-1228●	20.40	19.38	18.36	17.34	
Version 2 - Extrusion Colour - Clear Anodised									
19	71.3	81	1455B802	124-4177●	6.05	5.56	5.38	5.08	
19	71.3	101	1455B1002	124-4181●	6.36	5.85	5.64	5.34	
23	80	54	1455C802	427-2936●	7.50	6.90	6.66	6.29	
23	120	54	1455C1202	427-2948●	7.78	7.16	6.92	6.54	
27	120	78	1455J1202	427-2950●	7.83	7.20	6.96	6.58	
43	120	78	1455K1202	427-2973●	9.36	8.61	8.31	7.86	
31	120	103	1455L1202	427-2997●	8.14	7.49	7.23	6.83	
53	120	103	1455N1202	427-3023●	10.91	10.04	9.70	9.17	
27	160	78	1455J1602	427-2961●	8.45	7.76	7.50	7.09	
31	160	103	1455L1602	427-3000●	10.05	9.24	8.93	8.44	
53	160	103	1455N1602	427-3035●	11.99	11.03	10.65	10.07	

External Dimensions	H	W	D	Mfrs. List No.	Order Code	1+	10+	25+	50+
Version 2 - Extrusion Colour - Clear Anodised									
30.5	160	125	1455P1602	NEW 151-1229●	9.96	9.46	8.96	8.47	
51.5	160	125	1455Q1602	NEW 151-1231●	11.06	10.51	9.96	9.39	
30.5	160	165	1455R1602	NEW 151-1234●	11.67	11.09	10.51	9.91	
51.5	160	165	1455T1602	NEW 151-1236●	18.16	17.25	16.34	15.43	
53	220	103	1455N2202	427-3047●	13.65	12.56	12.13	11.47	
30.5	220	125	1455P2202	NEW 151-1238●	11.69	11.11	10.52	9.94	
51.5	220	125	1455Q2202	NEW 151-1240●	13.12	12.46	11.80	11.15	
30.5	220	165	1455R2202	NEW 151-1242●	14.02	13.31	12.62	11.91	
51.5	220	165	1455T2202	NEW 151-1244●	20.85	19.81	18.77	17.72	
Version 2 - Extrusion Colour - Black Anodised									
23	80	54	1455C802BK	928-7906●	7.24	6.66	6.44	6.08	
23	120	54	1455C1202BK	928-7914●	7.58	6.97	6.73	6.37	
27	120	78	1455J1202BK	928-7922●	7.65	7.04	6.80	6.43	
43	120	78	1455K1202BK	928-7949●	10.35	9.53	9.20	8.70	
31	120	103	1455L1202BK	928-7965●	8.36	7.69	7.44	7.03	
53	120	103	1455N1202BK	928-7990●	11.88	10.93	10.56	9.99	
43	160	78	1455K1602BK	928-7957●	11.25	10.34	10.00	9.45	
31	160	103	1455L1602BK	928-7973●	9.21	8.47	8.18	7.73	
53	160	103	1455N1602BK	928-8007●	12.99	11.94	11.54	10.90	
30.5	160	125	1455P1602BK	NEW 151-1230●	11.67	11.09	10.51	9.91	
51.5	160	125	1455Q1602BK	NEW 151-1232●	13.30	12.64	11.98	11.30	
30.5	160	165	1455R1602BK	NEW 151-1235●	13.30	12.64	11.98	11.30	
51.5	160	165	1455T1602BK	NEW 151-1237●	20.24	19.23	18.22	17.20	
53	220	103	1455N2202BK	928-8015●	14.62	13.44	12.99	12.27	
30.5	220	125	1455P2202BK	NEW 151-1239●	13.32	12.66	11.99	11.32	
51.5	220	125	1455Q2202BK	NEW 151-1241●	15.26	14.49	13.73	12.97	
30.5	220	165	1455R2202BK	NEW 151-1243●	15.67	14.88	14.10	13.32	
51.5	220	165	1455T2202BK	NEW 151-1246●	22.71	21.57	20.43	19.30	

ChocBox

Polypropylene inline Connector/Junction Box



H = 30, W = 90, D = 50mm

The patented Chocbox is a safe and simple covering solution to protect and insulate electrical connections. The Chocbox can be used as a cover, junction box or inline connector. It is designed to meet the requirements of the IEE regulations and the Health & Safety executive. i.e. insulation of bare connectors.

Flammability rating (White version) **UL94V-0**

Supplied with 2 cable clamps and mounting screws.

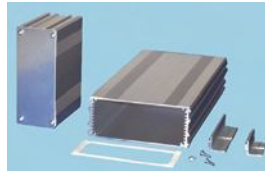
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Colour	Mfrs. List No.	Order Code	1+	10+	50+
Case					
Clear	CHOCBOX	151-1697●	1.06	1.00	0.94
White	CHOCBOX V0	151-1698●	1.22	1.17	1.13

Extruded Heat Sink Case



Anodized Aluminium



- Manufactured from aluminium 6063
- Silver anodised finish of 5µm thickness, which can easily be painted
- Available in three different lengths
- Cases include end panels and screws which are not be fitted
- The gasket sets comprise of 2 gaskets and 8 washers
- Gasket available to seal to **IP65**

Silver anodized aluminium extruded box section that is designed to accept PCB's. The range of boxes is ideal for small circuits, R.F. amplifiers etc. This series features dovetail slots down the side which will accept a Linc-Lug mounting bracket to facilitate surface mounting of the box. One side of the box features two sets of appearance enhancing grooves. Between the set of grooves is a shallow (0.5mm deep) recess which could be used for a label.

501682

Dimensions (mm)					Price Each			
H	W	L	Mfrs. List No.	Order Code	1+	10+	50+	100+
30	63.5	40	MCREAS40	154-9964●	4.58	4.24	3.85	3.51
30	63.5	80	MCREAS80	154-9965●	5.87	5.45	4.95	4.51
30	63.5	120	MCREAS120	154-9966●	7.11	6.59	5.99	5.46
30	108.5	80	MCREBS80	154-9967●	7.73	7.16	6.51	5.92
30	108.5	160	MCREBS160	154-9968●	11.91	11.03	10.03	9.14
30	108.5	220	MCREBS220	154-9969●	15.25	14.13	12.84	11.70
45	108.5	80	MCRECS80	154-9970●	8.82	8.17	7.43	6.76
45	108.5	160	MCRECS160	154-9971●	13.43	12.43	11.30	10.29
45	108.5	220	MCRECS220	154-9973●	16.66	15.43	14.03	12.78

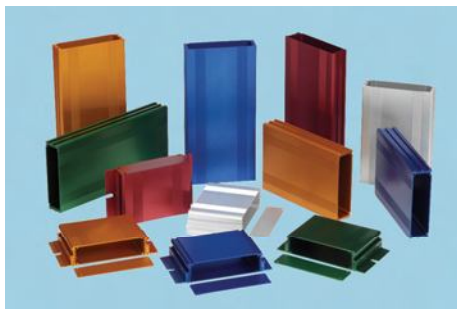
Desktop & Instrument Enclosures - continued

Extruded Heat Sink Case - continued

Anodized Aluminium - continued

Dimensions (mm)			Mfrs. List No.	Order Code	Price Each			
H	W	L			1+	10+	50+	100+
53.5	169.8	80	MCREDS80	154-9974	15.37	14.23	12.93	11.78
53.5	169.8	160	MCREDS160	154-9975	21.69	20.08	18.26	16.63
53.5	169.8	220	MCREDS220	154-9976	27.50	25.47	23.15	21.09
Accessories - Black ABS Bezels								
To fit:								
MCREAS Cases MCZAB1				154-9977	0.77	0.70	0.63	0.58
MCREBS Cases MCZBB1				154-9979	0.96	0.89	0.81	0.72
MCRECS Cases MCZCB1				154-9980	1.17	1.09	0.99	0.91
MCREDS Cases MCZDB1				154-9981	1.71	1.59	1.45	1.32
Accessories - Gasket Sets								
To fit:								
MCREAS Cases MCGEA1				154-9982	2.34	2.16	1.97	1.79
MCREBS Cases MCGEB1				154-9983	2.85	2.63	2.40	2.17
MCRECS Cases MCGEC1				154-9985	3.32	3.07	2.79	2.54
MCREDS Cases MCGED1				154-9986	4.95	4.58	4.16	3.78
Accessories - Linc Lugs (PK of 2)								
40mm With fitted screw MCLPS40				154-9958	2.58	2.40	2.17	1.98
80mm MCLPS80				154-9961	2.40	2.21	2.01	1.84

Aluminium Instrument Housing



All enclosures include: 1 extruded case, 2 end panels and assembly screws

- Integrated PCB guides
- Highest quality anodizing with durable protective finish
- NEMA 4 sealing with sealing kit
- High EMI/RFI protection
- Mounting flanges available

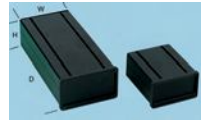
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Dimensions (H x W x D)	Colour	Mfrs. List No.	Order Code	1+	10+	50+
Series 1						
30x64x40	Silver	B1-040SI	101-5164●	6.28	5.45	4.88
30x64x40	Black	B1-040BK	101-5165●	6.28	5.45	4.88
30x64x40	Blue	B1-040BL	101-5166●	6.28	5.45	4.88
30x64x40	Red	B1-040RD	101-5167●	6.28	5.45	4.88
30x64x40	Gold	B1-040GD	141-8570●	6.28	5.45	4.88
30x64x40	Green	B1-040GR	141-8571●	6.28	5.45	4.88
30x64x80	Silver	B1-080SI	101-5168●	8.83	7.67	7.09
30x64x80	Black	B1-080BK	101-5169●	8.83	7.67	7.09
30x64x80	Blue	B1-080BL	101-5170●	8.83	7.67	7.09
30x64x80	Red	B1-080RD	101-5171●	8.83	7.67	7.09
30x64x80	Gold	B1-080GD	141-8572●	8.83	7.67	7.09
30x64x80	Green	B1-080GR	141-8573●	8.83	7.67	7.09
Series 2						
30x109x80	Silver	B2-080SI	101-5172●	9.25	7.92	7.33
30x109x80	Black	B2-080BK	101-5173●	9.25	7.92	7.33
30x109x80	Blue	B2-080BL	101-5174●	9.25	7.92	7.33
30x109x80	Red	B2-080RD	101-5176●	9.25	7.92	7.33
30x109x80	Gold	B2-080GD	141-8582●	9.25	7.92	7.33
30x109x80	Green	B2-080GR	141-8583●	9.25	7.92	7.33
30x109x160	Silver	B2-160SI	101-5177●	13.53	11.96	10.27
30x109x160	Black	B2-160BK	101-5178●	13.53	11.96	10.27
30x109x160	Blue	B2-160BL	101-5179●	13.53	11.96	10.27
30x109x160	Red	B2-160RD	101-5180●	13.53	11.96	10.27
30x109x160	Gold	B2-160GD	141-8584●	13.53	11.96	10.27
30x109x160	Green	B2-160GR	141-8585●	13.53	11.96	10.27
Series 3						
45x109x80	Silver	B3-080SI	141-8593●	9.96	8.74	7.60
45x109x80	Black	B3-080BK	141-8594●	9.96	8.74	7.60
45x109x80	Blue	B3-080BL	141-8595●	9.96	8.74	7.60
45x109x80	Red	B3-080RD	141-8596●	9.96	8.74	7.60
45x109x80	Gold	B3-080GD	141-8597●	9.96	8.74	7.60
45x109x80	Green	B3-080GR	141-8598●	9.96	8.74	7.60
45x109x160	Silver	B3-160SI	101-5181●	15.10	13.28	11.86
45x109x160	Black	B3-160BK	101-5182●	15.10	13.28	11.86
45x109x160	Blue	B3-160BL	101-5183●	15.10	13.28	11.86
45x109x160	Red	B3-160RD	101-5184●	15.10	13.28	11.86
45x109x160	Gold	B3-160GD	141-8599●	15.10	13.28	11.86
45x109x160	Green	B3-160GR	141-8600●	15.10	13.28	11.86
45x109x220	Black	B3-220BK	101-5186●	19.04	16.78	14.83
45x109x220	Blue	B3-220BL	101-5188●	19.04	16.78	14.83
45x109x220	Red	B3-220RD	101-5189●	19.04	16.78	14.83
Series 4						
54x170x160	Silver	B4-160SI	101-5190●	25.55	22.42	20.39
54x170x160	Black	B4-160BK	101-5191●	25.55	22.42	20.39
54x170x160	Blue	B4-160BL	101-5192●	25.55	22.42	20.39
54x170x160	Red	B4-160RD	101-5193●	25.55	22.42	20.39

Dimensions (H x W x D)		Mfrs. List No.	Order Code	1+	10+	50+
Series 4						
54x170x160	Gold	B4-160GD	141-8611●	25.55	22.42	20.39
54x170x160	Green	B4-160GR	141-8612●	25.55	22.42	20.39
54x170x220	Silver	B4-220SI	101-5194●	29.48	25.98	23.60
54x170x220	Black	B4-220BK	101-5195●	29.48	25.98	23.60
54x170x220	Blue	B4-220BL	101-5196●	29.48	25.98	23.60
54x170x220	Red	B4-220RD	101-5197●	29.48	25.98	23.60
54x170x220	Gold	B4-220GD	141-8613●	29.48	25.98	23.60
54x170x220	Green	B4-220GR	141-8614●	29.48	25.98	23.60
Mounting Brackets						
Length	Colour					
40mm	Silver	MF40SI	101-5198●	0.99	0.77	0.70
40mm	Black	MF40BK	101-5200●	0.99	0.77	0.70
40mm	Blue	MF40BL	101-5201●	0.99	0.77	0.70
40mm	Red	MF40RD	101-5202●	0.99	0.77	0.70
40mm	Gold	MF40GD	141-8625●	0.99	0.77	0.70
40mm	Green	MF40GR	141-8626●	0.88	0.68	0.62
80mm	Silver	MF80SI	101-5203●	1.24	1.04	0.94
80mm	Black	MF80BK	101-5204●	1.24	1.04	0.94
80mm	Blue	MF80BL	101-5206●	1.24	1.04	0.94
80mm	Red	MF80RD	101-5207●	1.24	1.04	0.94
80mm	Gold	MF80GD	141-8627●	1.24	1.04	0.94
80mm	Green	MF80GR	141-8628●	1.24	1.04	0.94
NEMA 4 Sealing Kits						
Sealing Kit, Series 1	SK1		101-5208●	2.00	1.85	1.26
Sealing Kit, Series 2	SK2		101-5209●	3.61	3.33	2.84
Sealing Kit, Series 3	SK3		101-5210●	4.18	3.88	3.25
Sealing Kit, Series 4	SK4		101-5211●	4.83	4.54	3.86
Screws						
Cross head	Black	STB-008	141-8631●	0.71	0.61	0.55
Torx head	Black	TFB-008	141-8633●	1.67	1.42	1.26

Heat Sink Cases

Sink Box Series



- Extruded aluminium heat sink cases
- Fins on one side provide heat dissipation
- PCB's mount horizontally into internal extruded slots
- Internal and external T-Slots for further mounting options

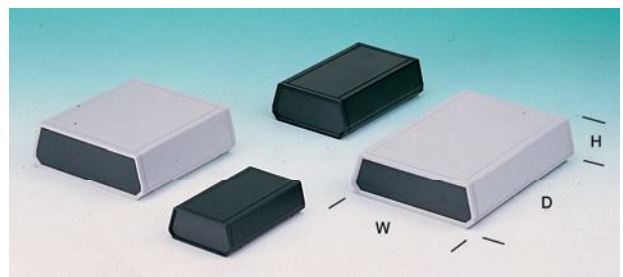
Dimensions (mm)			Mfrs. List No.	Order Code
Height	Width	Depth		
50.8	89.5	100	431609	124-4230
50.8	89.5	200	431610	124-4233
60	104.9	125	431611	124-4234
60	104.9	165	431621	124-4235
60	104.9	225	431622	124-4236
60	104.9	285	431623	124-4237

444612

Size Classification			Price Each				
H	W	D	Order Code	1+	10+	25+	50+
Black							
51	90	100	124-4230●	17.01	16.68	16.34	16.01
51	90	200	124-4233●	26.25	25.72	25.21	24.72
60	90	125	124-4234●	20.48	20.07	19.68	19.28
60	105	165	124-4235●	23.92	23.44	22.97	22.51
60	105	225	124-4236●	29.73	29.14	28.56	27.99
60	105	285	124-4237●	35.12	34.42	33.73	33.06

Panel - 'A Series'

ABS



- Stylish clam shell ABS cases in two colours black and mid-grey
- Supplied with black removable end panels
- Internal mounting pillars in top and base for PCBs
- Assembly by four or six, depending upon size, self tapping screws

Operating Temperature -40°C to +90°C

230614

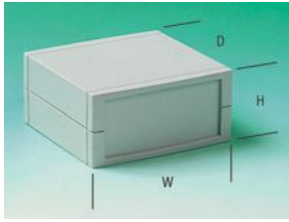
Mfrs. List No.	External Dimensions			Order Code	Price Each				
	H	W	D		1+	10+	25+	50+	
Black Cases									
A-20BK	22	66	108	775-496●	8.46	8.05	7.71	7.37	
A-21BK	28.6	66	108	775-514●	8.87	8.44	8.10	7.77	
A-27BK	38	85	134.5	775-538●	14.17	13.48	12.91	12.36	

Over 480,000 products online



IP40 Polystyrene Desktop Enclosure

Unimas



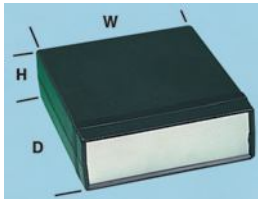
- Polystyrene moulded cases with removable front and rear panels. Sealed to **IP40**
- PCBs can be mounted using guides or snap action facility
- Ideal for housing small appliances and circuit boards

230587

External Dimensions			Order Code	Price Each		
H	W	D		1+	25+	50+
40	85	81	117-7064●	7.33	6.97	6.58
60	135	132	117-7065●	10.78	10.24	9.70
60	107	110	121-7476●	6.47	6.08	5.55
75	133	160	121-7479●	13.68	12.87	12.33

Instrument Case - '1598 Series'

IP54, ABS (Flame Retardant)



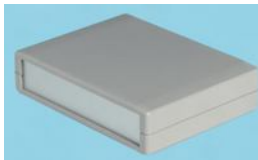
- Attractively styled instrument cases sealed to **IP54**
- Flame retardant ABS construction. Flammability test to **UL94V-0**
- Tongue and groove system provides protection against dust and water ingress
- Two sets of vertical PCB guides provided in front and rear of case
- Supplied with two brushed aluminium panels

230611

External Dimensions			Order Code	Price Each			
H	W	D		1+	10+	100+	
Black	36	94	157	722-560●	5.59	5.25	5.04
	36	154	179	384-8425●	6.84	6.44	5.91
	50	135	134	722-583●	6.84	6.44	6.17
	52	155	180	722-601●	7.65	7.20	6.88
	64	206	180	722-625●	9.34	8.78	8.43
	86	160	160	722-649●	9.78	9.21	8.81
	40	160	250	722-662●	9.34	8.78	8.43
	76	160	250	722-686●	10.69	10.05	9.62
	76	200	280	722-728●	13.48	12.68	12.15

Desk Top Instrument Cases

ABS



- Moulded in light grey ABS
- Flame retardant to **UL 94 V-0**
- Two part clam-shell construction designed to meet IP43
- Interchangeable front and rear panels
- Supplied with 2 x fixing screws and 4 x PCB mounting screws
- -40 to 75°C operating temperature



499338

Dimensions (mm)			Mfrs. List No.	Order Code	Price Each			
H	W	D			1+	10+	25+	50+
30	130	100	MCRM2015S	152-0397●	2.65	2.45	2.22	2.12
30	190	140	MCRM2055S	152-0400●	4.19	3.85	3.52	3.35
50	130	100	MCRM2015M	152-0399●	3.47	3.18	2.91	2.76
50	190	140	MCRM2055M	152-0401●	5.70	5.24	4.78	4.56
50	250	180	MCRM2095S	NEW 163-5118●	8.04	7.39	6.72	6.41
70	130	100	MCRM2015L	NEW 163-5115●	4.77	4.39	4.00	3.81
70	190	140	MCRM2055L	NEW 163-5117●	6.73	6.18	5.63	5.37
75	250	180	MCRM2095M	NEW 163-5119●	8.80	8.08	7.35	7.01
100	250	180	MCRM2095L	NEW 163-5120●	9.32	8.56	7.79	7.43

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See our pick of the hottest products and latest technologies in 'What's New?' at www.farnell.co.uk

Panel - 1598 Series

IP54, ABS



- Modern, low profile instrument cases moulded in grey ABS
- Front and rear panels moulded in black ABS
- Tongue and groove system provides protection against dust and water
- Sealed to **IP54**
- PC card guides and bosses provided in base and lid

203441

Mfrs. List No.	External Dimensions H x W x D	Order Code	1+	5+	10+	25+
1598ASGYPBK	36 x x 94157	142-6553●	5.15	5.00	4.85	4.70
1598BSGYPBK	50 x x 135134	142-6554●	5.74	5.57	5.41	5.24
1598BSBSGYPBK	36 x x 154179	142-6555●	5.87	5.69	5.52	5.36
1598CSGYPBK	52 x x 155180	142-6556●	6.48	6.28	6.10	5.92
1598DSGYPBK	64 x x 206180	142-6557●	7.68	7.45	7.22	7.01
1598FSGYPBK	40 x x 160250	142-6558●	7.75	7.52	7.29	7.08
1598GSGYPBK	76 x x 160250	142-6559●	8.75	8.49	8.23	7.99
1598HSGYPBK	40 x x 200280	142-6560●	9.01	8.74	8.48	8.22
1598JSGYPBK	76 x x 200280	142-6561●	9.33	9.06	8.78	8.52

Panel - 'Lux Cases' (Two-Tone)

ABS



- Moulded in two tone grey (RAL9002 and RAL7032) with anodised front panel
- Base has several PCB mounting points
- Internally moulded card guides enable horizontal or vertical PCB mounting
- Order code 207-755 has ventilation holes

External Dimensions			Max. PCB Size	Order Code
H	W	D		
67	148	190	160x100	207-743
136	173	230	160x100	207-755

218872

Order Code	Price Each			
	1+	10+	20+	60+
207-743●	46.16	43.85	41.66	39.58
207-755●	80.63	76.60	72.77	69.13

Panel - Elbox

ABS



- Attractively styled cases moulded in ABS
- With 1.2mm anodised aluminium front and rear panels
- Facilities in base allow mounting of euro-cards
- Ventilation slots provided in base and rear panel
- Supplied with tilt feet.

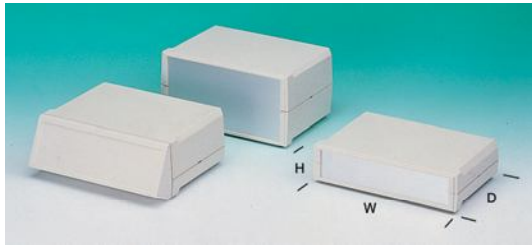
Size	External Dimensions			Front Panel		Eurocard Size	Order Code
	H	W	D	H	W		
2	56	171	145	40	152	½ (160 x 100) or (160 x 100)	117-1621
3	77	231	181	61	212	2 (160 x 100) or (220 x 100)	117-1622
4	102	247	220	86	228	2 (160 x 100) or (233 x 160)	117-1623

230597

Size	Mfrs. List No.	Order Code	Price Each		
			1+	10+	25+
2	3502	117-1621●	14.45	13.35	12.52
3	3503	117-1622●	23.53	21.64	20.38
4	3504	117-1623●	29.84	27.44	25.80

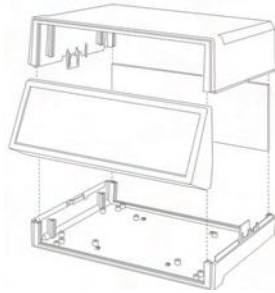


Desktop & Instrument Enclosures - continued

Panel - 'Motec'
PS

- Modern desk cases in high impact polystyrene with wide front and rear panel apertures
- Ideal for measurement, control, modern, peripherals and medical equipment etc.
- Large range in off-white RAL9002 with three plan sizes L, M and S, each with three heights
- Strong clip-together assembly, disassembly by screw driver only - for security
- Optional aluminium and plastic sloping panels for mounting controls, displays and membranes
- Internal mounting pillars for PCBs, and four non-slip feet provided

Operating Temperature -40°C to +80°C



	External Dimensions			Front Panel	Mfrs. List No.	Order Code
	H	W	D			
Motec Cases						
Cases L	85	235	165	—	B3023127	774-881
Cases M	75	205	140	—	B3020127	774-911
Cases S	65	155	105	—	B3015127	774-947
Cases S	90	155	105	—	B3015137	774-959

Aluminium Front/Rear Panels

For case height 75	67 x 185 x 1.5	B3120110	775-010
For case height 85	77 x 214 x 1.5	B3123110	774-972
For case height 90	82 x 136 x 1.5	B3115120	775-060

Sloping Front Panel Moulding

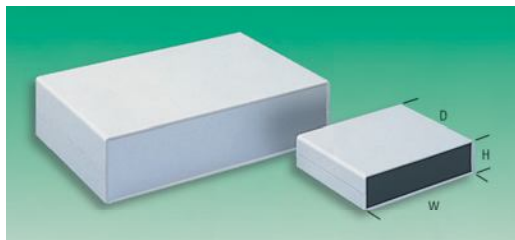
For case height 65	B3115167	775-071
For case height 75	B3120167	775-034
For case height 85	B3123167	774-996

230590

	Order Code	Price Each			
		1+	5+	10+	25+
Motec L Cases					
Height 85	774-881●	40.89	38.85	36.91	35.06
Motec M Cases					
Height 75	774-911●	23.07	21.92	20.82	19.78
Motec S Cases					
Height 65	774-947●	14.38	13.66	12.98	12.33
Height 90	774-959●	15.79	15.00	14.25	13.54
Aluminium Front/Rear Panels					
For Case Height 75	775-010●	2.46	2.34	2.22	2.11
For Case Height 85	774-972●	4.15	3.94	3.74	3.55
For Case Height 90	775-060●	1.83	1.74	1.65	1.57
Sloping Front Panel Moulding					
For Case Height 65	775-071●	6.39	6.07	5.77	5.48
For Case Height 75	775-034●	9.33	8.86	8.51	8.16
For Case Height 85	774-996●	16.96	16.11	15.30	14.54

Panel

ABS (Flame Retardant/Impact Resistant)



- High impact textured ABS. Flame retardant to **UL94V-0**
- Available with black ABS or aluminium front and back panels
- Guide slots for vertical mounting PCBs.
- PCB Mounting pillars for self tapping screws.
- Supplied with rubber feet except 109-4711
- Parts with "V" suffix are provided with venting holes

230613

External DimensionsMfrs.				Order Code	Price Each				
H	W	D	List No.		1+	5+	10+	25+	
Black ABS Panels									
35	140	110	G738	109-4711●	10.33	9.50	8.69	8.12	
40	225	165	G747	109-4712●	15.78	14.48	13.48	13.10	
50	245	175	G750	NEW 152-6690●	5.02	4.61	4.30	4.01	
65	225	165	G748	NEW 152-6688●	4.79	4.42	4.12	3.84	
65	260	180	G758	109-4714●	11.89	10.91	10.16	9.80	
65	260	180	G758V	NEW 152-6695●	5.16	4.74	4.45	4.13	
70	245	175	G751	NEW 152-6691●	5.58	5.13	4.79	4.47	
75	300	200	G756	NEW 152-6696●	7.86	7.23	6.76	6.29	
75	300	200	G756V	NEW 152-6697●	7.86	7.23	6.76	6.29	
85	260	180	G753	NEW 152-6693●	6.12	5.63	5.26	4.90	
90	225	165	G749	NEW 152-6689●	5.37	4.94	4.61	4.28	
90	245	175	G752	NEW 152-6692●	6.09	5.60	5.23	4.87	
105	260	180	G754	NEW 152-6694●	6.83	6.29	5.88	5.48	
Aluminium Panels									
35	140	110	G738A	NEW 152-6699●	2.71	2.50	2.34	2.17	
40	225	165	G747A	NEW 152-6700●	5.00	4.60	4.29	4.00	
50	245	175	G750A	NEW 152-6703●	5.58	5.13	4.79	4.47	
65	225	165	G748A	NEW 152-6701●	5.37	4.94	4.61	4.28	
65	260	180	G758A	109-4715●	25.42	23.57	22.05	21.38	
65	260	180	G758AV	NEW 152-6709●	7.21	6.63	6.20	5.76	
70	245	175	G751A	NEW 152-6705●	6.29	5.79	5.42	5.04	
75	300	200	G756A	NEW 152-6710●	8.70	8.00	7.48	6.96	
75	300	200	G756AV	NEW 152-6711●	8.70	8.00	7.48	6.96	
85	260	180	G753A	NEW 152-6707●	6.98	6.42	6.01	5.59	
90	225	165	G749A	NEW 152-6702●	6.09	5.60	5.23	4.87	
90	245	175	G752A	NEW 152-6706●	6.94	6.39	5.98	5.56	
105	260	180	G754A	NEW 152-6708●	7.99	7.34	6.87	6.39	

Aluminium Instrument Case

110 Series



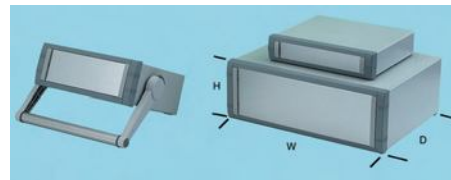
- Innovative concept optimising both the case assembly as well as mounting the actual equipment
- The basic structure comprises U-shaped steel lid and base and two aluminium extruded side profile with attached plastic brackets which hold the front and rear panels in place
- Side profiles include guide rails for mounting PCBs or other components
- Front brackets incorporate handles (sizes 5, 6, 7) with side covers hiding the ¼ turn assembly bolts
- Lid and base can be dismantled independent of each other
- Ventilation slots are provided towards the rear of both the lid and base
- The four smaller sizes (1, 2, 3, 4) have four non-slip feet
- The three larger sizes (5, 6, 7) are supplied with two tilting- and two non-slip feet
- Lid and base in 1mm steel sheet, painted epoxy textured, colour graphite grey
- Side profiles in 6063 aluminium extrusion, matt silver anodised
- Front/rear panels in 1070 aluminium, 1mm (1, 2, 3, 4 sizes) or 2mm thick (5, 6, 7 sizes), silver anodised
- Brackets and tilting feet moulded in high impact ABS, graphite grey colour

493088

Size Code	Dimensions (mm)			Mfrs. List No.	Order Code	Price Each			
	H	W	D			1+	5+	10+	25+
1	70	150	140	31110001	151-1423●	42.72	38.44	35.24	34.18
2	70	200	200	31110002	151-1424●	51.96	46.77	42.86	41.57
3	80	225	170	31110003	151-1425●	51.10	45.99	42.16	40.89
4	90	250	200	31110004	151-1426●	61.17	55.05	50.46	48.93
5	100	300	220	31110005	151-1428●	87.82	79.03	72.45	70.26
6	120	350	260	31110006	151-1429●	97.03	87.32	80.05	77.62
7	130	400	300	31110007	151-1430●	113.45	102.11	93.60	90.77

'Unimet' Enclosure

Aluminium



- Modern aluminium instrument cases in four sizes
- Stylish die-cast front bezel is assembled to the folded case body
- All models are painted light grey RAL 7035 and mid grey RAL 7040
- Three models are available with a robust tilt and swivel carry handle
- Removable rear panel is recessed to protect connectors and switches
- Pre-punched base with holes for mounting M3 screw pillars for PCB's
- An anodised aluminium front panel and four non-slip rubber feet are included
- Alternative moulded tilt feet available as accessories

	External Dimensions			Mfrs. List No.	Order Code
	Width	Depth	Height		
Unimet Cases					
Size 2	230	190	85	M5623105F	537-1235
Size 2H with handle	230	190	85	M5623125F	537-1247
Size 3	250	260	85	M5625105F	537-1259
Size 3H with handle	250	260	85	M5625125F	537-1260
Size 4	350	260	120	M5635205F	537-1272

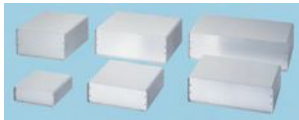
	External Dimensions			Mfrs. List No.	Order Code
	Width	Depth	Height		
Size 4H with handle	350	260	120	M5635225F	537-1284
Size 5	250	260	150	M5625305F	151-0840
Size 5H with Handle	250	260	150	M5625325F	151-0842
Size 6	350	260	150	M5635305F	151-0841
Size 6H with Handle	350	260	150	M5635325F	151-0843
Accessories					
Tilt feet kit (4 ABS feet & 2 ABS tilt legs)				A9257205	775-460
PCB Mounting Kit (10 M3x10 screw pillars)				M5600001	537-1296

341097

Description	Order Code	1+	5+	10+	25+
Unimet Cases					
Size 2	537-1235	68.11	56.07	53.18	51.42
Size 3	537-1259	77.89	63.97	60.70	58.73
Size 4	537-1272	94.09	77.48	73.51	71.10
Size 5	NEW 151-0840	105.30	99.76	91.45	87.56
Size 6	NEW 151-0841	116.44	110.31	101.13	96.83
Unimet Cases with Carry Handles					
Size 2H	537-1247	90.47	85.95	81.65	77.56
Size 3H	537-1260	108.60	91.54	86.62	83.21
Size 4H	537-1284	132.07	111.29	105.28	101.18
Size 5H	NEW 151-0842	139.26	131.94	120.95	115.81
Size 6H	NEW 151-0843	145.16	137.51	126.05	120.70
Accessories					
Tilt Feet Kit	775-460	6.15	5.65	5.32	4.62
PCB Mounting Kit	537-1296	11.69	9.39	8.95	8.72

METcase Aluminium Enclosure

Unicase



- Robust and versatile aluminium instrument enclosures
- Light grey (RAL 7035), powder epoxy polyester paint finish
- Simple and fast assembly

- Removable internal chassis
- PBC guide rails in the assembly extrusions

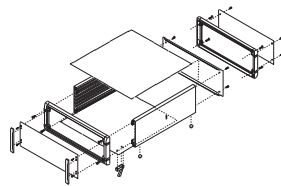
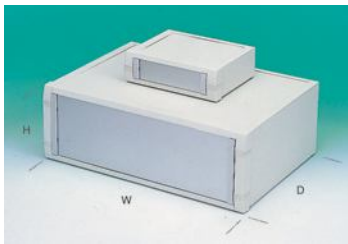
- Aluminium front and rear panels included
- Front panels recessed to protect controls
- Four push-in non-slip rubber feet included

492812

Dimensions (mm)				Price Each			
H	W	D	Mfrs. List No.	Order Code	1+	10+	50+
50	130	180	M5511110	151-0820	31.08	29.74	27.45
50	185	250	M5512110	151-0821	34.52	33.03	30.48
50	250	250	M5513110	151-0822	41.51	39.72	36.66
50	250	300	M5514110	151-0823	47.47	45.43	41.94
65	185	180	M5501110	151-0825	33.91	32.47	29.97
90	260	250	M5502110	151-0826	46.49	44.49	41.06
110	350	250	M5503110	151-0827	63.30	60.59	55.93
134	261	300	M5504110	151-0828	61.13	58.51	54.01
134	367	300	M5505110	151-0829	74.48	71.30	65.82
134	474	300	M5506110	151-0830	85.86	82.19	75.86

Panel - 'Mettec'

Aluminium



- Modern aluminium instrument cases
- Stylish front bezel enhances the look of the equipment
- Simple and very robust assembly with die-castings and extrusions
- Integrated design with good EMC shielding (65dB at 60MHz)
- Large range of cases; all supplied ready assembled
- Internal guides for mounting PCBs and chassis
- Painted off-white RAL9002 in fine textured powder polyester
- Optional aluminium front panels with ABS trims available
- Supplied with four self-adhesive rubber feet, moulded tilt feet ordered separately

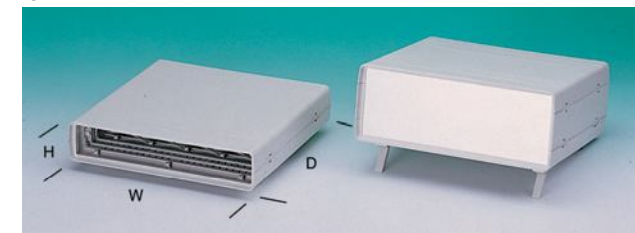
External Dimensions			Usable Front Panel Area		Order Code
H	W	D	H ₁	W ₁	
85	230	180	65.1	179.5	930-260
85	250	250	65.1	199.5	930-271
85	350	250	65.1	299.5	930-283
120	230	180	100.1	179.5	930-295
120	250	250	100.1	199.5	930-301
120	350	250	100.1	299.5	930-313
150	250	263	130.1	199.5	930-325
150	350	263	130.1	299.5	930-337

203449

Mfrs. List No.	Order Code	Price Each			
		1+	5+	10+	25+
Cases					
M5723107	930-260●	47.93	45.06	43.14	41.29
M5725107	930-271●	62.83	57.89	55.31	51.37
M5735107	930-283●	62.48	58.75	56.24	53.85
M5723207	930-295●	49.47	46.51	44.54	42.66
M5725207	930-301●	56.09	52.73	50.50	48.36
M5735207	930-313●	67.07	63.05	60.36	57.79
M5725317	930-325●	81.09	76.25	71.69	67.40
M5735317	930-337●	91.29	85.82	80.68	75.85
Front Panel Kits					
M5700608 for case 85 x 230	930-362●	9.99	9.50	9.10	8.72
M5700613 for case 85 x 250	930-374●	10.19	9.69	9.27	8.87
M5700618 for case 85 x 350	930-386●	12.94	12.31	11.79	11.29
M5700610 for case 120 x 230	930-398●	12.29	11.69	11.19	10.71
M5700615 for case 120 x 250	930-404●	12.84	12.22	11.70	11.20
M5700620 for case 120 x 350	930-416●	14.88	14.14	13.55	12.97
M5700616 for case 150 x 250	930-428●	14.03	13.34	12.77	12.22
M5700621 for case 150 x 350	930-430●	17.09	16.24	15.56	14.90
Accessories					
A9257207 off-white tilt feet kit	775-472●	6.50	5.97	5.62	4.88

Panel 'Euro Cases'

ABS



- Stylish and attractive instrument cases in off-white RAL9002 textured ABS
- Supplied with aperture front and rear for aluminium panels
- Strong clip-together assembly with disassembly tools provided
- Internal mounting pillars in top and base for PCBs
- Order aluminium front/rear panels and tilt feet separately

Operating Temperature -40°C to +90°C

	External Dimensions			Front Panel	Mfrs. List No.	Order Code
	H	W	D			
2HE 42TE	98.5	260	250	—	A0224070	775-344
3HE 42TE	143	260	250	—	A0234070	775-356
Aluminium Panel for 2HE 42TE				90.7 x 250.8 x 2	A0324270	775-400
Aluminium Panel for 3HE 42TE				132.2 x 250.8 x 2	A0334270	775-411
Tilt foot leg (order 2 per case)					A0350007	775-459

230598

Order Code	Price Each			
	1+	5+	10+	25+
Eurocases				
775-344	71.68	68.10	64.70	61.47
775-356	82.88	78.74	74.80	71.06
Accessories				
775-400	7.21	6.85	6.51	6.18
775-411	10.47	9.95	9.45	8.98
775-459	0.80	0.76	0.72	0.68

Miniature, Sloping

ABS



- Highly adaptable case available in black or white
- For desk, pocket or wall mounting
- Cable knockout is provided

External dimensions
 $H_1=22$ $H_2=17$ $W_1=71$ $W_2=47.5$ $W_3=27.5$
 $D=44$

218885

Colour	Order Code	Price Each			
		1+	5+	10+	50+
Black	223-578	0.93	0.80	0.72	0.62
White	223-580	0.93	0.80	0.72	0.62

Help us to help the environment

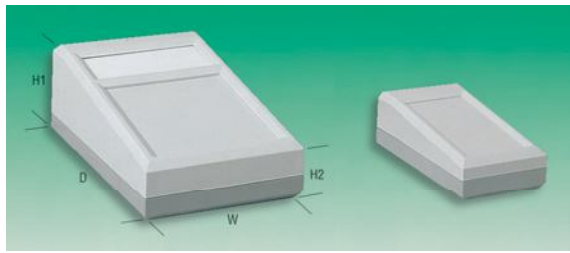


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Desktop & Instrument Enclosures - continued

Slope Faced Desktop Enclosure



- Two part impact resistant polystyrene construction
- Table top and wall mounting design
- Removable end panel for connectors, indicator etc
- PCB mountings available in lid and base
- Textured lid
- Agate grey/light grey (similar RAL7038/RAL7035) colour
- Supplied with lid fixing screws

Operating Temperature -40°C to +65°C

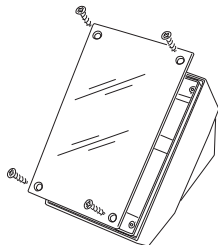
External Dimensions				PCB Centres		Display Aperture	Order Code
H ₁	H ₂	W	D	Top	Bottom		
40	28	67	125	85x50	86x48	—	117-7055
45	28	82	150	65x77x42	116x63		117-7056
64	35	112	200	93x88.9	153.7x88.9	87 x 38.4	117-7057

218909

H ₁	H ₂	W	D	Order Code	1+	10+	25+	50+
Without Display Window								
40	28	67	125	117-7055●	12.84	12.31	11.82	11.38
With Display Window								
45	28	82	150	117-7056●	14.24	13.66	13.11	12.63
64	35	112	200	117-7057●	15.82	15.13	14.55	13.98

Sloped/Panel - 'Datec Terminal S & SL'

ABS/Aluminium Panel



- Modern, ergonomic, large ABS desktop housing with inclined operating area
- Ideal for small terminals, point of sale, peripherals, data collection and measuring equipment
- Two sizes, in off-white RAL9002, supplied with aluminium front panel
- Size S accepts a single Eurocard, size SL accepts a double Eurocard
- Four non-slip feet provided

Operating Temperature -40°C to +90°C

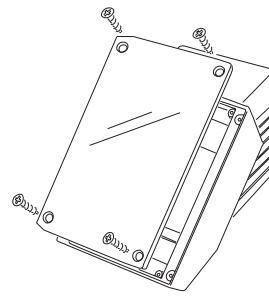
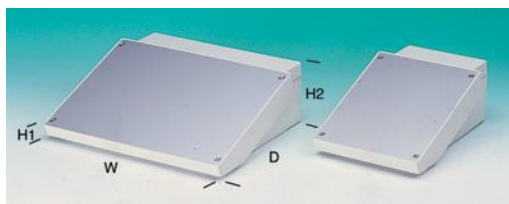
External Dimensions				Front Panel	Order Code
H ₁	H ₂	W	D		
Size S	24	86	140	126 x 176	774-868
Size SL	24	86	264	259.4 x 176	774-856

230578

	Order Code	1+	5+	10+	25+
Size S	774-868●	34.21	32.50	30.88	29.34
Size SL	774-856●	48.61	46.18	43.87	41.68

Sloped/Panel - 'Datec Terminal M & L'

ABS/Aluminium Panel



- Modern, ergonomic, large ABS desktop housing with inclined operating area
- Ideal for terminals, point of sale, peripherals, data collection and measuring devices
- Two sizes, in off-white RAL9002, supplied with aluminium front panel
- Removable rear lid for access to internal components for set-up and servicing
- Size M accepts a single Eurocard, size L accepts large PCBs and sub-assemblies
- Four non-slip feet provided

Operating Temperature -40°C to +90°C

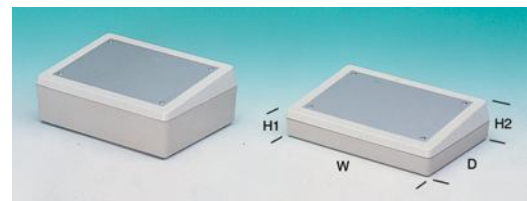
External Dimensions				Front Panel	Order Code
H ₁	H ₂	W	D		
Size M	25	101	168	165.4 x 217.4	774-844
Size L	25	101	302	299.4 x 217.4	774-832

230575

	Order Code	1+	5+	10+	25+
Size M	774-844●	49.59	47.11	44.75	42.51
Size L	774-832●	77.88	73.99	70.29	66.78

Sloped/Panel - 'Desk 190'

ABS/Aluminium Panel



- Modern, ergonomic ABS desk cases with top aperture for an aluminium front panel (Not Included)
- Ideal for test and measurement, point of sale, intercom, security and medical devices etc
- Two sizes in off RAL9002/pebble grey RAL7032 colour combination
- Internal mounting pillars in base for PCB's and assemblies

Operating Temperature -40°C to +90°C

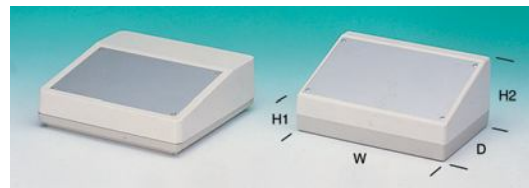
External Dimensions				Front Panel	Mfrs. List No.	Order Code
H ₁	H ₂	W	D			
190F	31.5	47	190	106 x 161x1.5	A9086265	775-083
190H	54.5	70	190	106 x 161x1.5	A9086365	775-095

230579

	Order Code	1+	5+	10+	25+
190F	775-083●	19.60	18.62	17.69	16.81
190H	775-095●	21.75	20.66	19.63	18.65
Front Panel For Both	775-125●	7.58	7.20	6.84	6.50

Sloped/Panel - 'Desk'

PS/Aluminium Panel



- Stylish high impact polystyrene desk cases with top aperture for an aluminium front panel
- Ideal for test and measurement, point of sale, intercom, security and medical devices etc
- Two types in off-white RAL9002/pebble grey RAL7032 colour combination
- Internal mounting pillars in base for PCBs and assemblies

Operating Temperature -40°C to +80°C

External Dimensions				Front Panel	Mfrs. List No.	Order Code
H ₁	H ₂	W	D			
220	52	100	220	205.5 x 129.4x1.5	A9082065	775-101
Combi	50	76	228	200 x 130x1.5	A9084165	775-113

230580

	Order Code	1+	5+	10+	25+
220	775-101●	27.68	26.30	24.99	23.74
Combi	775-113●	29.76	28.27	26.86	25.52
Front Panel for 220	775-137●	8.72	8.28	7.87	7.48
Front Panel for Combi	775-149●	7.33	6.96	6.61	6.28

Sloped/Panel - '1000' Series

ABS/Aluminium Panel



- Moulded in grey ABS plastic with aluminium top panel
- PCB guides and bosses provided
- Supplied with four self-adhesive feet

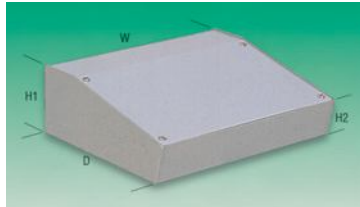
Order Code	External Dimensions				Fixing Centres
	W	D	H ₁	H ₂	
117-1607	161	96	57	39	117x62
117-1608	215	130	73	47	170x85

230572

Order Code	Price Each			
	1+	10+	25+	100+
117-1607●	4.58	4.28	4.02	3.75
117-1608●	6.77	6.28	5.80	5.41

Sloped/Panel - '6000' Series

ABS/Aluminium



- Small instrument cases moulded in grey ABS with aluminium top panel
- PCB guides and bosses provided
- Ventilation slots are incorporated in the base
- Supplied with four self-adhesive feet

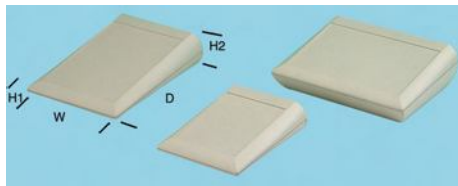
Order Code	W	D	H ₁	H ₂	Fixing Centres
117-1609	105	143	55.5	31.5	60x115 or 30x80
117-1610	170	143	55.5	31.5	120x115 or 30x140
117-1611	170	203.8	81.8	31.5	120x175 or 75x140

230573

Order Code	Price Each			
	1+	10+	25+	100+
117-1609●	5.26	4.84	4.35	
117-1610●	6.43	5.91	5.20	
117-1611●	9.51	8.78	7.84	

'Comtec' Enclosure

ABS



- Very modern keypad cases moulded in off-white ABS
- Inclined top moulding for ergonomic operation of controls
- Recessed area in top for mounting a membrane keypad or product label
- Flat rear panel for connectors, and internal screw pillars for mounting PCB's
- Easy assembly with just two self-tapping screws at the rear
- Four non-slip feet also included in the kit

Operating temperature -40°C to 70°C

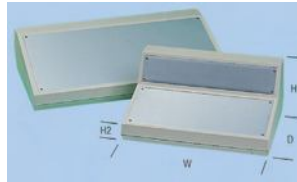
Technical Data						
External Dimensions			Min. Height	Max. Height	Mfrs. List No.	Order Code
Description	Width	Depth				
120F	120	150	20	43	A0612007	537-1065
120H	120	150	20	63	A0612107	537-1077
150F	150	200	20	51	A0615007	537-1089
150H	150	200	40	71	A0615107	537-1090
200F	200	150	20	43	A0620007	537-1107
200H	200	150	40	63	A0620107	537-1119

341095

Mfrs. List No.	Order Code	Price Each			
		1+	5+	10+	25+
A0612007	537-1065●	14.47	13.75	13.06	12.41
A0612107	537-1077●	15.13	14.37	13.65	12.97
A0615007	537-1089●	17.82	16.93	16.08	15.28
A0615107	537-1090●	15.81	15.01	14.40	13.81
A0620007	537-1107●	17.82	16.93	16.08	15.28
A0620107	537-1119●	15.81	15.01	14.40	13.81

Sloped Consoles - Abox

ABS/Aluminium Panel



- Sloping front desk top cases moulded in grey ABS
- With 2mm thick natural coloured anodised aluminium panels
- Base mouldings incorporate bosses for mounting PCBs and eurocards
- Can easily be drilled or punched
- Supplied with non-slip push-on PVC feet
- Withstands continuous heat up to 85°C

230574

External Dimensions				Mfrs. List No.	Order Code	Price Each			
H ¹	H ²	W	D			1+	10+	25+	
Without Raised Roof									
62	33	190	120	2801	117-1612●	16.33	14.99	14.14	
78	33	262	185	2802	117-1613●	22.96	21.06	19.85	
85	35	400	230	2804	117-1615●	43.85	40.24	37.94	
With Raised Roof									
117	33	260	185	2803	117-1614●	23.73	21.88	20.57	
145	35	400	230	2805	117-1617●	47.49	43.60	41.07	

Unidesk Enclosure

IP54 Aluminium



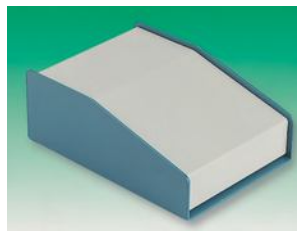
- Modern sloping front instrument cases in three sizes
- Can be sealed to IP54 with gaskets supplied
- Very robust assembly with aluminium die-castings and profiles
- Easy access with removable base and anodised front panel
- Stainless steel fixings screws
- All models painted light grey RAL 7035
- Four non-slip rubber feet included

Size	External Dimensions				Max. Height	Mfrs. List No.	Order Code
	Width	Depth	Min. Height				
Size 1	200	200	22		102	M5320105F	537-1302
Size 2	300	200	22		102	M5330105F	537-1314
Size 3	400	200	22		102	M5340105F	537-1326

341098

Description	Order Code	Price Each			
		1+	5+	10+	25+
Size 1	537-1302●	101.20	81.37	77.42	74.84
Size 2	537-1314●	113.05	90.89	86.49	83.60
Size 3	537-1326●	138.37	111.26	105.86	102.33

Aluminium Console



- Easy to machine aluminium top and case (2mm thick)
- Case is finished with a textured blue powder paint
- Top panel is finished in a smooth light grey/beige powder paint

Mfrs. List No.	H ₁	H ₂	W	D	Slope Panel	Order Code
1456CE2WHBU	51	28	102	140	84 x 102	353-7006
1456FE2WHBU	51	28	165	140	84 x 165	353-7018
1456KH3WHBU	76	33	254	211	160 x 254	353-7020
1456PL3WHBU	76	33	356	287	160 x 356	353-7031
1456FE3WHBU	76	28	165	140	94 x 165	353-7043
1456KE3WHBU	76	28	254	140	94 x 254	353-7055
1456FG4WHBU	102	28	165	183	145 x 165	353-7067
1456KG4WHBU	102	28	254	183	145 x 254	353-7079
1456KK4WHBU	102	28	254	259	145 x 254	353-7080
1456PK4WHBU	102	28	356	258	145 x 356	353-7092
1456RK4WHBU	102	28	432	259	145 x 432	353-7109

230581

Mfrs. List No.	Order Code	Price Each				
		1+	10+	100+	250+	500+
1456CE2WHBU	353-7006●	12.57	11.12	10.26	9.80	8.70
1456FE2WHBU	353-7018●	17.22	15.22	14.06	13.43	11.92
1456KH3WHBU	353-7020●	22.48	19.88	18.34	17.54	15.58
1456PL3WHBU	353-7031●	22.48	19.88	18.34	17.54	15.58
1456FE3WHBU	353-7043●	16.31	14.41	13.31	12.73	11.64
1456KE3WHBU	353-7055●	19.85	17.55	16.22	15.49	14.18



Desktop & Instrument Enclosures - continued

Aluminium Console - continued

Mfrs. List No.	Order Code	1+	10+	100+	250+	500+
1456FG4WHBU	353-7067 ●	18.81	16.64	15.37	14.68	13.03
1456KG4WHBU	353-7079 ●	22.48	19.88	18.34	17.54	15.58
1456KK4WHBU	353-7080 ●	24.67	21.82	20.15	19.27	17.10
1456PK4WHBU	353-7092 ●	20.95	18.54	17.12	16.36	14.53
1456RK4WHBU	353-7109 ●	24.67	21.82	20.15	19.27	17.10

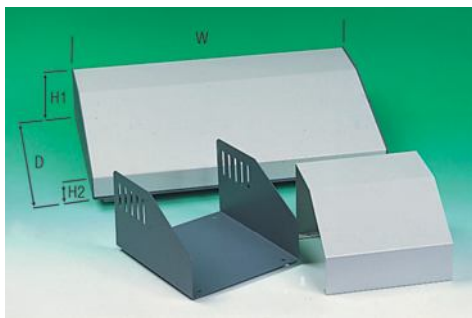
Sloped Console
Steel

- Attractively styled cases with mild steel base and sides, aluminium top panel
- Back panel is an integral part of base plate
- Connectors may be mounted on back panel and remain undisturbed when lid is removed
- Usable length of sloped panel is 100mm on all models

External Dimensions				Sloped Panel	Order Code Light/Dark Grey
H ₁	H ₂	W	D		
58	34	180	180	177 x 100	722-443
102	80	196	180	190 x 100	722-455
58	34	300	190	295 x 100	722-467

230582

Mfrs. List No.	Order Code	1+	Price Each	10+	25+
Light/Dark Grey					
500-0930	722-443●	14.65	13.54	11.86	
500-0940	722-455●	21.94	20.28	17.75	
500-0950	722-467●	20.29	18.75	16.42	

Sloped Console
Steel

- Robust console cases finished in two-tone grey acrylic paint
- Steel base plate and side panels. Integral top and back panel
- Ventilation slots provided on both side panels
- Supplied with self-adhesive rubber feet
- Ideal for small consoles and power supplies

External Dimensions				Order Code
H ₁	H ₂	W	D	
58	32	117	159	722-406
100	74	196	159	722-418
100	50	350	180	722-431

230585

Mfrs. List No.	Order Code	1+	10+	25+
515-0910	722-406 ●	10.65	10.03	9.59
515-0940	722-418 ●	19.29	18.14	17.36
519-0920	722-431 ●	30.45	28.33	27.11

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Small Instrument
Steel

- Mild steel cases coated in two tone stove enamel paint
- Cowl type cover reduces glare from overhead lighting
- Cooling vents in cover make them ideal for power supplies, controllers, meters etc.

External Dimensions			Material Thickness		Dark Grey/Light Grey Order Code
H	W	D	Top Cover	Base	
55	80	135	0.91 (20 SWG)	1.22 (18 SWG)	518-852
75	97	180	0.91 (20 SWG)	1.22 (18 SWG)	518-864
95	125	220	0.91 (20 SWG)	1.22 (18 SWG)	518-876

218889

Mfrs. List No.	Order Code	1+	10+	25+	100+
Dark Grey/Light Grey					
512-0900	518-852 ●	7.99	7.52	7.19	6.87
511-0900	518-864 ●	9.95	9.37	8.97	8.59
513-0900	518-876 ●	13.69	12.86	12.33	11.95

Instrument
Steel

- Two part mild steel cases for portable or bench top equipment
- Top cover provides protection for front and rear panels
- Ventilation louvres on sides aid cooling

External Dimensions			Material Thickness		Handle Height	Dark Grey/Light Grey Order Code
H	W	D	Top Cover	Base		
120	200	282	1	1.2	37	518-888
160	300	232	1	1.2	37	518-890

218890

Mfrs. List No.	Order Code	1+	10+	25+	100+
518-0910	518-888 ●	30.99	29.14	27.92	27.03
518-0920	518-890 ●	37.74	35.51	34.00	32.98

Enclosure Accessories

Instrument Case Feet

Screw Fixing



Type 1



Type 2

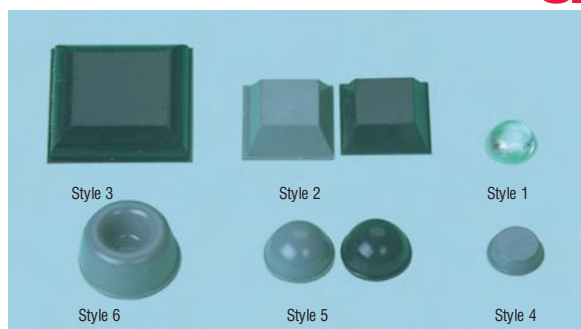
- Type 1 - Soft rubber feet. Ideal for use on instrument cases etc.
- Type 2 - Moulded in hard rubber. Bracing members prevent pull-through of fastening screw

218852

100 Per Pack		Mtg.		Order Code	Price Per Pack			
H	Dia.	Hole Dia.	1+		5+	10+	25+	
Type 1								
10	15.9	3.5	320-237●	10.21	9.71	9.20	7.45	
10	19.1	3.5	320-249●	10.51	9.85	9.47	7.65	
10	22.2	3.5	320-250●	12.52	11.84	11.32	9.16	
20 Per Pack								
Type 2					1+	5+	10+	25+
12.5	37.5	5.5	606-017●	5.66	4.90	4.43	4.02	

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Stick On Feet 'Bumpon'TM

- Durable, skid-resistant polyurethane moulding
- Easy attachment with pressure sensitive adhesive
- Non-marking, non-slip resistant to most solvents.

Order Code	Mfrs. List No.	H	Dia.	Colour	Style
116-5067	SJ5302TRANS	2.2	7.9	Transparent	1
116-5068	SJ5306TRANS	3.8	9.5	Transparent	1
116-5071	SJ5303TRANS	5	11.1	Transparent	1
116-5063	SJ5312TRANS	3.5	12.7	Transparent	1
116-5072	SJ5008BLACK	3.1	12.7x 12.7	Black	2
116-5066	SJ5018BLACK	5.8	12.7x12.7	Black	2
116-5064	SJ5018GREY	5.8	12.7x12.7	Grey	2
116-5079	SJ5023BLACK	7.6	20.6x20.6	Black	2
116-5080	SJ5023GREY	7.6	20.6x20.6	Grey	2
116-5081	SJ5705BLACK	6.1	x 31.7531.75	Black	3
116-5061	SJ5076BLACK	2.8	8	Black	4
116-5073	SJ5012BLACK	3.5	12.7	Black	4
116-5083	SJ5780BLACK	5.5	20	Black	4
116-5074	SJ5003BLACK	5	11.1	Black	5
116-5075	SJ5003GREY	5	11.1	Grey	5
116-5076	SJ5027BLACK	7.9	16	Black	5
116-5077	SJ5027GREY	7.9	16	Grey	5
116-5078	SJ5017BLACK	9.6	19	Black	5
116-5065	SJ5009GREY	10.1	22.3	Grey	6

218850

Quantity Per Pack	Order Code	1 +	10 +	25 +
144	116-5067●	14.44	13.25	12.34
48	116-5068●	5.50	5.02	4.66
56	116-5071●	6.51	5.98	5.57
56	116-5063●	5.93	5.40	5.12
80	116-5072●	6.66	6.02	5.71
40	116-5066●	4.77	4.30	4.09
40	116-5064●	4.77	4.30	4.09
36	116-5079●	6.99	6.29	6.00
36	116-5080●	6.99	6.29	6.00
10	116-5081●	7.37	6.76	5.75
56	116-5061●	5.25	4.71	4.49
56	116-5073●	5.93	5.40	5.12
25	116-5083●	5.64	5.17	4.81
56	116-5074●	6.08	5.51	5.22
56	116-5075●	6.08	5.51	5.22
40	116-5076●	10.32	9.33	8.82
40	116-5077●	10.32	9.33	8.82
40	116-5078●	13.13	11.85	11.31
48	116-5065●	17.05	15.39	14.76

Tilt Feet - General Purpose



- Tilt feet kits suitable for all types and makes of plastic and metal enclosures
- Three colours moulded in ABS. Foot height 16mm (inc. insert)
- Kit comprises 4 foot mouldings, 4 rubber non-slip inserts, 2 tilt legs, 4 fixing screws and a drilling template

Operating temperature -40°C to +90°C

224467

Mfrs. List No.	Colour	Order Code	1 +	5 +	10 +	25 +
A9257205	Grey RAL7035	775-460●	6.15	5.65	5.32	4.62
A9257207	Off White RAL9022	775-472●	6.50	5.97	5.62	4.88
A9257209	Black RAL9005	775-484●	6.11	5.61	5.28	4.59

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