

Electrical Products

Loud Hailer

ER-76/76W (23W max.)

Shoulder Type Megaphone

- High-output compact megaphone with instant-on amplifier.
- Reflex trumpet horn speaker with sound volume control.
- Howl-free unidirectional dynamic microphone with press-to-talk switch.
- Operates on 6 "C" type batteries.
- Built-in whistle signal (ER-76W).



AL00001

ER-409 (23W max.)

ER-409S with siren (23W max)

Hand Grip Type Megaphone

- High-output compact megaphone with instant-on amplifier.
- Reflex trumpet horn speaker with sound volume control.
- Howl-free built-in unidirectional dynamic microphone with press-to-talk switch.
- Operates on 9 "C" type batteries.
- Built-in whistle signal (ER-409W) or switch on/off alarm siren (ER-409S).



AL00002

ER-69W (45W max.) Shoulder Type Megaphone

- Large 350mm horn speaker.
- Auxiliary input jack for tape or radio earphone Output connection.
- Whistle signal, battery meter and auxiliary input volume control.
- Microphone lock switch.
- Mountable on optional speaker stand by using optional bracket.
- Operates on 10 "D" batteries or 12V via external power source input socket.



AL00004



AL00003

High-Tech Soldering Systems

This system is a digital thermo-adjusted soldering iron with real time temperature display D.L.A.



Super PATRIOT
AL00005



HI-Techor Soldering Station
AL00006



V-Solder Machine Soldering Station
BON-6002
AL00007

Soldering Iron

Mister Bonkote SR Series High Performance Soldering Irons with Veramic Heaters
Bonkote Ceramic Soldering Irons System



Stock Code	Model 100V	Model 110V	Model 220V	Power Consumption	Average Temp.	Leak Voltage	Erth Line Resistance	Length	Weight
AL00008	SR-1022	SR-1122	-	13W	330°C				62g
AL00009	SR-1032	SR-1132	SR-2232	18W	440°C			195 mm	62g
AL00010	SR-1052F	SR-1152F	SR-2252F	25W	400°C				67g
AL00011	SR-1062F	SR-1162	SR-2262	30W	470°C	≤2.0mv		210mm	80g
AL00012	SR-1072	-	SR-2272	40W	550°C		≤2.0Ω	213mm	80g
AL00015	SR-1072FP	SR-1172FP	SR-2272FP	65W	600°C			235mm	127g
AL00016	SR-1082F	SR-1182	SR-2282	60W	500°C			235mm	127g
AL00017	SR-100A	SR-110A	SR220A	100W	600°C			260mm	167g

Electrical Products

TQ-77 Soldering Gun

- 2 stage heat switching system.
- Pulling the trigger boosts the output of normal position (Low) by 10 times.
- The pistol grip was designed through careful ergonomics research. It can be operated for extended periods comfortably even by someone with a small hand. The design allows full concentration on the work by making it easy to see the tip.



AL00018

KYP-60 Soldering Gun

- Compact and lightweight, easy to use hobby soldering iron.
- Long-life black tip.
- High power (60W) (when pulling trigger) for soldering connectors and terminals, and Low (30W), for soldering electronic components etc.
- Heat insulation cap for quick storage (3mins after operation) KYP-60 only.



AL00019

S-5 Handy Tool Set

- Contents:-
- | | |
|--------------------------------------|-------|
| Diagonal Cutting Plier | 125mm |
| Long Nose Plier | 150mm |
| Side Cutting Plier | 150mm |
| Screw Driver Set (handle in neon) | |
| Handle only | |
| Tweezer | 150mm |
| Adjustable Angle Wrench | 150mm |
| Soldering Iron | 30W |
| Solder, Paste, Punch, Chisel, Pencil | |
| Duster-cloth | |
| Case size: 260 x 160 x 40mm | |



AL00020

S-7 Shoulder Tool Set

- Contents:-
- | | |
|-------------------------------|--------|
| Diagonal Cutting Pliers | 125mm |
| Long Nose Pliers | 150mm |
| Side Cutting Pliers | 150mm |
| Adjustable Angle Wrench | 150mm |
| Screwdriver | 100mm |
| Screwdriver | 100mm |
| Screwdriver | 150mm |
| Nut Driver | 5.5mm |
| Philips Screw Driver | 21-100 |
| Alignment Driver | 150mm |
| Soldering Iron | 40W |
| Tweezer | 150mm |
| File (Flat) | |
| Solder, Paste, Folding Meas., | |
| Duster Cloth | |
| Case size: 300 x 200 x 100mm | |



AL00021

S-66 Tool Kit

- S-166 Case Only
Case size: A75XB450XC315XD34mm
Weight: 6.5kg
Case material: ABS resin



AL00022

- Contain:-
- | | |
|-----------------------------------|-------|
| Alignment Tool | 150mm |
| Philips Screwdriver @No.0 | 100mm |
| Philips Screwdriver @No.2 | 100mm |
| Slotted Screwdriver @2.6 | 100mm |
| Slotted Screwdriver @4 | 100mm |
| Nut Driver 5.5mm | |
| Desolder Braid | |
| Soldering Iron with Cap | |
| File Flat | |
| Diagonal Cutter | 125mm |
| Long Nose Pliers with Side Cutter | 150mm |
| Pliers with Side Cutter | 150mm |
| Tweezers | |
| Adjustable Wrench | 150mm |
| Measure Tape | |
| Solder | |
| Quick-point Knife | |
| Case size: 300x200x90mm | |

S-71 Tool Kit

- S-171 Case & Pallets Only
Adopted double side open case. Stackable up to 300 x 420mm of technical samples, floppy disks and other measuring instruction.
Case size: A50XB458XC334XD46mm
Weight: 10kg



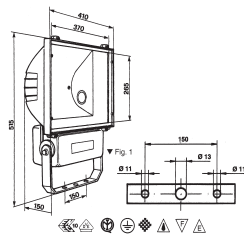
AL00023

- Contain:-
- | | | |
|---------------------------------------|-------|-------------------------|
| Reversible Screwdriver @No.00 / @ 2.6 | | Hex Wrench 1.27mm |
| Reversible Screwdriver @No.1 / @ 4.5 | | Hex Wrench 1.5mm |
| Reversible Screwdriver @No.2 / @ 6.0 | | Hex Wrench 1.6mm |
| Nut Driver 6mm | | Hex Wrench 2.0mm |
| Nut Driver 7mm | | Hex Wrench 2.5mm |
| Nut Driver 8mm | | Hex Wrench 3.0mm |
| Soldering Iron Stand | | Hex Wrench 3.2mm |
| Desolder Braid | | Adjustable Wrench 150mm |
| Soldering Iron with Booster | | Measure Tape |
| Solder | | Quick-point Knife |
| Diagonal Cutter with Stripper | 150mm | |
| Long Nose Pliers with Side Cutter | 150mm | |
| Tweezers | | |
| Slip Joint Pliers | 150mm | |
| Case size: 335x245x110mm | | |

Flood Light



AL00031



IP54 230V~50Hz
Max 1000-1500W Rx7s

Description: Body and frame in die-casting aluminium. Pure polished aluminium reflector. Protection screen in tempered glass 5mm. Glass with UV-filter cod. 12401. Comply to regulations: EN 60598/1 ED 1994 EN 60598/2/5

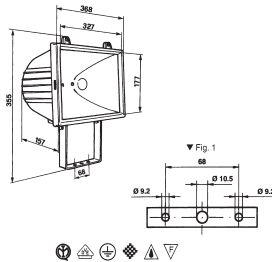
Flood Light		Halogen Tube	
AL00031	500W	AL00034	500W
AL00032	1000W	AL00035	1000W
AL00033	1500W	AL00036	1500W

Electrical Products

Metal Halide



AL00027



IP54 230V~50Hz
Max 250W/400W E40

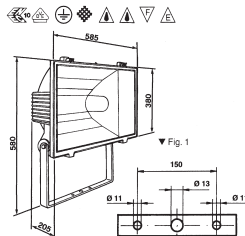
Description: Body and frame in die-casting aluminium, steel-bracket, cover of electrical part in nylon glass-loaded. Pure polished aluminium reflector. Protective screen in tempered glass 5mm. Galvanized steel screws. adjusting device for laying. Available for wall application. Fixing wheel-base Fig. 1.

Examples of application: Flood towers, palaces, parkings, chutes, exhibitions, sports establishments, urban investment. Accessories: Protection grille in chromate steel cod. 71205. Glass with UV-filter cod 72700. Comply to regulations: EN 60598/1 ED 1994 EN 60598/2/5

Metal Halide: AL00027
Metal Halide Blub: AL00029



AL00028



IP55 230V~50Hz
Max 1000W E40

Description: Fitting in die-casting aluminium. Pure polished and anodized aluminium reflector. Large or narrow beam. Protective screen in tempered glass 5mm. Zinc-plated steel screws. Adjusting device for laying. Available in grey and black. Fixing wheelbase Fig. 1.

Examples of application: Parkings, palaces, sports establishments, flood towers. Accessories: Kit 1000W with box in synthetic material 9, 5A cod. 21300/ 8,2a cod. 21301 (9,5a ST/ 8, 2A MT). Kit 1000W with box in die-cast aluminium 9, 5A cod. 21302/ 8,2A cod. 21303 (9, 5A ST/ 8, 2A MT). Glass with UV-filter cod. 12118. Comply to regulations: EN 60598/1 EN 1994 EN 60598/2/5.

Metal Halide: AL00028
Metal Halide Blub: AL00030

Florescent Light



2FT AL00037
4FT AL00038

Florescent Tube



2FT AL00039
4FT AL00040

Screw Type Bulb



60W AL00041
80W AL00042
100W AL00043

Pin Type Bulb



60W AL00044
80W AL00045
100W AL00046

TEJ-108 Emergency Exit Signs



AL00047

TEX/R-108 Emergency Exit Signs



AL00048

TTH-110 Self-Contained Emergency Luminaires



AL00049

TEL-30 Self-Contained Emergency Luminaires

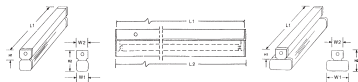


AL00050

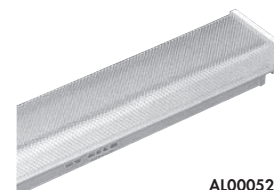
TEL-30 Self-Contained Emergency Luminaires

The TDD (Diakon Diffuser Fitting) is mainly a bare channel with an extruded prismatic diffuser which improves visual comfort as glare is reduced. The TDD 220 and TDD 240 utilise twin lamp holders for convenience. Suitable for general illumination indoors and outdoors like corridors, lobbies and washrooms where safety and convenience is required.

Stock Code	Catalogue Numbers	Lamps	L1 (mm)	L2 (mm)	W1 (mm)	W2 (mm)	H1 (mm)	H2 (mm)
AL00051	TDD 120	1 x 20W	610	615	60	57	92	45
AL00052	TDD 220	2 x 20W	610	615	110	57	92	45
AL00053	TDD 140	1 x 40W	1220	1225	60	57	92	45
AL00054	TDD 240	2 x 40W	1220	1225	110	57	92	45
AL00055	TDD 180	1 x 80W	1525	1530	60	57	92	45
AL00056	TDD 280	2 x 80W	1525	1530	110	57	92	45



AL00051



AL00052

Electrical Products

"CEE 17" industrial Plugs/ Sockets/ Connectors are designed for use under rough conditions and well known in machinery industry, power plants and in construction industry and also conform to BS 4343. Easy installation and high security in use are the most important features. The plugs and sockets are made from Polyamid Nylon 6. This material combines all features necessary for CEE connectors – good insulating resistant against chemicals and salt water, extremely cold proof and almost unbreakable.

Features

- Patented technical features allow easy and quick installation
- Colour coded for fast identification of the rated voltage
- Protection against the ingress of solid matter and water through the use of improved sealing methods
- Resistance to chemicals, grease and dirt etc.

Wall Sockets

Stock Code	Ampere	Nos. of Pin	110V			220V			380V		
			3P	4P	5P	3P	4P	5P	3P	4P	5P
AL00082	16A	3	113-4	114-4	115-4	113-6	114-6	115-6	113-9	114-9	115-9
AL00083	32A	4	123-4	124-4	125-4	123-6	124-9	125-9	123-9	124-6	125-6
AL00084	63A	5				133-6				134-6	135-6
AL00085	125A	5								144-6	145-6



AL00082

Flanged Sockets

AL00090	16A	3	413-4	414-4	415-4	413-6	414-9	415-6	413-9	414-9	415-6
AL00091	32A	4	423-4	424-4	425-4	423-6	424-9	425-9	423-9	424-6	425-6
AL00092	63A	5				433-6				434-6	435-6
AL00093	125A	5								444-6	445-6



AL00090

Plug

AL00078	16A	3	013-4L	014-4L	015-4L	013-6L	014-9L	015-6L	013-9L	014-6L	015-6L
AL00079	32A	4	023-4L	024-4L	025-4L	023-6L	024-9L	025-9L	023-9L	024-6L	025-6L
AL00080	63A	5				033-6				034-6	035-6
AL00081	125A	5								044-6	045-6



AL00078

Wall Mounted Pluges

AL00086	16A	3	513-4	514-4	515-4	613-6	514-9	515-9	513-9	514-6	515-6
AL00087	32A	4	523-4	524-4	525-4	523-6	524-9	525-9	524-9	524-6	525-6
AL00088	63A	5				533-6				534-6	535-6
AL00089	125A	5								544-6	545-6



AL00086

Connectors

AL00074	16A	3	213-4L	214-4L	215-4L	213-6L	214-9L	215-9L	213-9L	214-6L	215-6L
AL00075	32A	4	223-4L	224-4L	225-4L	223-6L	224-9L	225-9L	223-9L	224-6L	225-6L
AL00076	63A	5				233-6				234-6	235-6
AL00077	125A	5								244-6	245-6



AL00074

Safety Sockets

AL00094	16A	3	7513-4	7514-4	7515-4	7513-6	7514-9	7515-9	7513-9	7514-6	7515-6
AL00095	32A	4	7523-4	7524-4	7525-4	7523-6	7524-9	7525-9	7523-9	7524-6	7525-6
AL00096	63A	5	7533-4	7534-4	7535-4	7533-6	7534-9	7535-9	7533-9	7534-6	7535-6



AL00094

Safety Sockets with interlocking switch and DIN-rail

AL00097	16A	3	7613-4	7614-4	7615-4	7613-6	7614-9	7615-9	7613-9	7614-6	7615-6
AL00098	32A	4	7623-4	7624-4	7625-4	7623-6	7624-9	7625-9	7623-9	7624-6	7625-6
AL00099	63A	5	7633-4	7634-4	7635-4	7633-6	7634-9	7635-9	7633-9	7634-6	7635-6



AL00097

Safety Multi Sockets

AL01195	16Amp	220V	weatherproof	2 way socket
AL00428	16Amp	220V	weatherproof	3 way socket



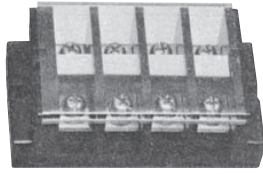
AL01195



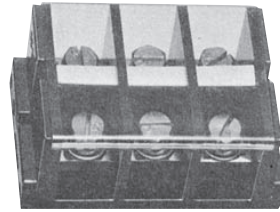
AL00428

Electrical Products

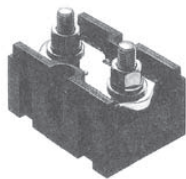
Automation Components



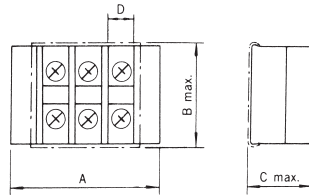
TC 60 C 04
AL00109



TC 200 C 03
AL00123

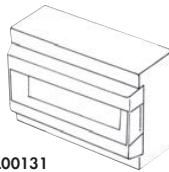


TC 450 B
AL00129



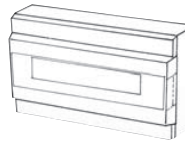
Stock Code	Type	Ratings	Numbers of Poles	Dimensions (mm)							
				A	B	C	D				
AL00107	TC 60 C 02	600V 14mm ² [70A] With Cover	2	64	55.5	32.5	14.5				
AL00108	TC 60 C 03		3	82							
AL00109	TC 60 C 04		4	100							
AL00110	TC 60 C 05		5	118							
AL00111	TC 60 C 06		6	136							
AL00112	TC 60 C 08		8	172							
AL00113	TC 60 C 09		9	190							
AL00114	TC 60 C 10		10	208							
AL00115	TC 100 C 02		600V 38mm ² [130A] With Cover	2				78	74	45.2	23
AL00116	TC 100 C 03			3				105			
AL00117	TC 100 C 04	4		132							
AL00118	TC 100 C 06	6		186							
AL00119	TC 100 C 08	8		240							
AL00120	TC 100 C 09	9		267							
AL00121	TC 100 C 10	10		294							
AL00122	TC 200 C 02	600V 100mm ² [240A] With Cover		2	96	87	56.2	29.2			
AL00123	TC 200 C 03		3	130							
AL00124	TC 200 C 04		4	164							
AL00125	TC 200 C 06		6	232							
AL00126	TC 200 C 09		9	334							
AL00127	TC 200 C 10		10	368							
AL00128	TC 300 B		600V 150mm ² [310A]	1	60				72	52	41
AL00129	TC 450 B	600V 200mm ² [370A]	1	72	94	67	52				
AL00130	TC 600 B	600V 325mm ² [520A]	1	90	104	78	68				

Automation Components



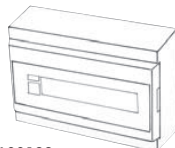
AL00131

Model: ABC 500
ABC 500 - 8-10 ways MCB surface mounting enclosure complete with tinted transparent cover
Dimension - (L) 215mm
(W) 145mm
(H) 90mm
Qty/Ctn - 10pcs



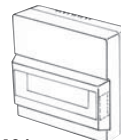
AL00132

Model: ABC C700
ABC C700 - 10-12 ways MCB surface mounting enclosure complete with tinted transparent cover
Dimension - (L) 252mm
(W) 171mm
(H) 95mm
Qty/Ctn - 10pcs



AL00133

Model: ABC 900
ABC 900 - 14-16 ways MCB surface mounting enclosure complete with tinted transparent cover
Dimension - (L) 315mm
(W) 175mm
(H) 90mm
Qty/Ctn - 10pcs



AL00134

Model: ABC 1010
ABC 1010 - 8-10 ways MCB surface mounting enclosure complete with tinted transparent cover, extra spacing at top panel for easy installation
Dimension - (L) 315mm
(W) 175mm
(H) 90mm
Qty/Ctn - 10pcs

All Enclosure are Complete With MCB Mounting Rail Earth and Neutral Brass Terminal Strip and Circuit identification Label, Knockets provided at side, Top Bottom With Space For Easy Wire Entry. Front Cover Removable for Easy Wall Mounting.

Surface Switch

Stock Code	Amp	Surface Switches - IP65			Surface Sockets - IP66			Switched Sockets - IP66			RCD Protected Combinations - IP66	
		Sp 250V ac	DP 500V ac	TP 500V ac	3Pins 250V ac	4Pins 500V ac	5Pins 500V ac	3Pins 250V ac	4Pins 500V ac	5Pins 500V ac	3Pins	4Pins
AL00135	10A	56SW110	56SW210	56SW310	56SO310	56SO410	56SO510	56C310	56C410	56C510	56C310/4EL	56C410/4EL
AL00136	13A				56SO313			56C313			56C313/4EL	
AL00137	15A	56SW115	56SW215	56SW315	56SO315			56C315	56C415K			
AL00138	20A	56SW120	56SW220	56SW320	56SO320	56SO420	56SO520	56C320	56C420	56C560		56C420/4EL
AL00139	32A	56SW132	56SW232	56SW332	56SO332	56SO432	56SO532	56C332	56C432	56C532		56C432/4EL
AL00140	40A								56C440	56C540		
AL00141	50A	56SW150	56SW250	56SW350		56SO450	56SO550		56C450	56C550		
AL00142	63A	56SW163	56SW263	56SW363								



Surface Switches
AL00135



Surface Socket
AL00136



Switched Socket
AL00137



RCD Socket
AL00138

ALLINTON ENGINEERING & TRADING PTE LTD
331 Jalan Besar Singapore 208983
T65 6296 0679 W allinton.com.sg E sales@allinton.com.sg

Electrical Products

Residual Current-operated Circuit Breakers (RCCBs) F 360 Range

Application:

1. Protect people against electric shock resulting from direct or indirect contact with live parts when there is an earth fault current.
2. Protect people and properties against fire hazards due to earth fault current.
3. For A.C. fault currents.

Technical Data:

Standard	: AS 3190, BS 4293, IEC 1008, MS 946, SS 97
No. of poles	: 2 and 4 poles
Rated Tripping	: 6...63A
Current $I_{\Delta N}$: 10mA (2 poles), 30mA, 100mA, 300mA and 500mA
Rated Current	: 16A (2 poles), 32, 40, 63 and 80A (2 poles)
Tripping Range	: 0.5 to 1.0 x $I_{\Delta N}$
Tripping Time	: $1 \times I_{\Delta N} - \leq 100ms$ $5 \times I_{\Delta N} - \leq 40ms$
Rated Voltage U_n	: F362: 230V~ or 240V~ F364: 230/400V~ or 240/415V~
Max. operating voltage	: $U_n + 10\%$
Short circuit withstanding capacity	: 6000A in combination with an upstream fuse, fuse gl 63A to BS88 or IEC269; or the ABB-MCB S700 gl 63A
Frequency	: 50 to 60Hz
No. of switching at rated load	: at least 5000 operations
Ambient temp.	: -25°C...+ 55°C
Climatic resistance	: IEC 68 Part 2-30. Damp heat, cyclic (55°C/28 cycles)
Dimensions (mm)	: 90 x 35 x 68 (2 poles)
(Length x Width x Depth)	: 90 x 70 x 68 (4 poles)

Stock Code	No. of Poles	In mA	In A	Ordering Details Type No.	Order Code	Packing	Weight 1pc kg
AL00184	2	10	16	F 362 - 16/0,01	GHF 362 0015 R1460	1	0,345
AL00185		30	32	F 362 - 32/0,03	GHF 362 0015 R2530	1	0,345
AL00186		40	40	F 362 - 40/0,03	GHF 362 0015 R2550	1	0,345
AL00187		63	63	F 362 - 63/0,03	GHF 362 0015 R2590	1	0,365
AL00188		80	80	F 362 - 80/0,03	GHF 362 0015 R2620	1	0,365
AL00189	100	32	32	F 362 - 32/0,1	GHF 362 0015 R3530	1	0,345
AL00190		40	40	F 362 - 40/0,1	GHF 362 0015 R3550	1	0,345
AL00191		63	63	F 362 - 63/0,1	GHF 362 0015 R3590	1	0,365
AL00192	300	32	32	F 362 - 32/0,3	GHF 362 0015 R4530	1	0,345
AL00193		40	40	F 362 - 40/0,3	GHF 362 0015 R4550	1	0,345
AL00194		63	63	F 362 - 63/0,3	GHF 362 0015 R4590	1	0,365
AL00195	4	30	32	F 364 - 32/0,03	GHF 364 0015 R2530	1	0,430
AL00196		40	40	F 364 - 40/0,03	GHF 364 0015 R2550	1	0,430
AL00197		63	63	F 364 - 63/0,03	GHF 364 0015 R2590	1	0,490
AL00198	100	32	32	F 364 - 32/0,1	GHF 364 0015 R3530	1	0,430
AL00199		40	40	F 364 - 40/0,1	GHF 364 0015 R3550	1	0,430
AL00200		63	63	F 364 - 63/0,1	GHF 364 0015 R3590	1	0,490
AL00201	300	32	32	F 364 - 32/0,3	GHF 364 0015 R4530	1	0,430
AL00202		40	40	F 364 - 40/0,3	GHF 364 0015 R4550	1	0,430
AL00203		63	63	F 364 - 63/0,3	GHF 364 0015 R4590	1	0,490

1. RCCBs with 500mA sensitivity on request
2. RCCBs built-in casing SPE 2(FOR F 362) or SPE 4 (for F 364) can be delivered: Type code F36.../CWC, Order code GHF 36...10.R...0
3. RCCBs with SISIR Quality mark: Type code F36.../ES, Order code GHF 36.0037R...0



F362
AL00184



F364
AL00195



F364
AL00196

Rex time switches

Analogue - Surface Mounting



497 54
AL00207

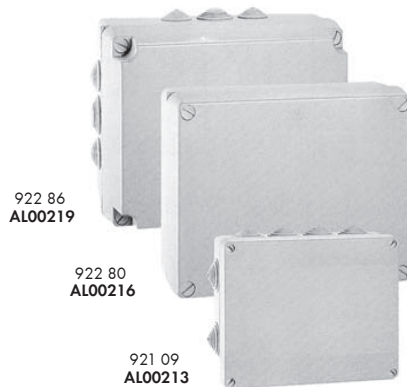


497 52
AL00206

Stock Code	Pack	Cat Nos.	MaxiRex
AL00204	1/10	319 96	Voltage tolerance: +10% - 15% changeover switch With manual override, 3 position 24 hour programme Programmable for 30 minutes minimum at 10 minute intervals Switching accuracy: ± 5 minutes
AL00205	1/30	497 50	MaxiRex T without working reserve 230V-50Hz
AL00206	1/30	497 51	MaxiRex TT without working reserve 230V-50Hz
AL00207	1/30	497 54	MaxiRex QT without working reserve 230V-50/60Hz
AL00208	1/30	497 55	MaxiRex QTT with 100 working reserve 230V-50/60Hz
AL00209	1/30	497 58	MaxiRex TS without working reserve New 230V-50/60Hz Dial: 1 x 24h, 1 x 60 Min
AL00210	5	498 32	Accessories
AL00211	5	061 94	Clip-on support frame for fascia mounting DIN rail \rightarrow adaptor

Plexo Boxes

Mounted 1/4 turn cover



922 86
AL00219

922 80
AL00216

921 09
AL00213

Stock Code	Pack	Cat Nos.	Weatherproof rectangle boxes
			IP 55-5
			Cover Opaque 960°C Transparent 750°C
AL00212	5	921 08 922 73	220 x 170 x 80mm ⁽¹⁾
AL00213	10	921 09	Undrilled 12 glands (Cat. N° 919 12) 220 x 170 x 140mm ⁽¹⁾
AL00214	2	921 22	Undrilled
AL00215	2	921 23	12 glands (Cat. N° 919 12) IP 557
AL00216	2	922 80	310 x 240 x 124mm ⁽¹⁾
AL00217	2	922 82	Self-extinguishing 960°C Can be lead sealed Undrilled
			8 glands (Cat. N° 919 06) + 4 glands (Cat. N° 919 07)
AL00218	1	922 84	310 x 240 x 160mm ⁽¹⁾
AL00219	1	922 86	Self-extinguishing 960°C Can be lead sealed Undrilled
			8 glands (Cat. N° 919 06) + 4 glands (Cat. N° 919 07)

(1) Internal dimensions

Electrical Products

CEE17 - Surface Sockets					
Stock Code	Amp	3Pins 110V 4Hr	3Pins 240V 6Hr	4Pins 415V 6Hr	5Pins 415V 6Hr
AL00143	16A	56SO316/4	56SO316/6	56SO416/6	56SO516/6
AL00144	32A	56SO332/4	56SO432/6	56SO432/6	56SO532/6



CEE17 Sockets
AL00143

Stock Code	AMP	Key Operated Surface Switches - IP56					
		Locking "ON & OFF" Only			Locking "OFF" Only		
		1 Pole	2 Poles	3 Poles	1 Pole	2 Poles	3 Poles
AL00145	10A			56K2SW310		56K1SW310	
AL00146	20A	56K2SW120	56K2SW220	56K2SW320	56K1SW120	56K1SW220	56K1SW320
AL00147	32A	56K2SW132	56K2SW232	56K2SW332	56K1SW132	56K1SW232	56K1SW332
AL00148	50A	56K2SW150	56K2SW250	56K2SW350	56K1SW150	56K1SW250	56K1SW350
AL00149	63A			56K2SW363		56K1SW363	



Key Switch
AL00145

Stock Code	AMP	Plugs (Straight)			Plugs (Angled)		
		3Pins 250V	4Pins 500V	5Pins 500V	3Pins 250V	4Pins 500V	5Pins 500V
AL00150	10A	56P310	56P410	56P510		56PA410	56PA510
AL00151	13A	56P313					
AL00152	15A	56P315				56PA415K	
AL00153	20A		56P420	56P520	56PA320	56PA420	56PA520
AL00154	32A		56P432	56P532	56PA332	56PA432	56PA532
AL00155	40A		56P440	56P540		56PA440	56PA540
AL00156	50A		56O450	56P550	56PA450	56PA550	



Plugs
AL00150

CLIPSAI

"56 SERIES" offers a comprehensive range of reliable and durable industry products to suit the needs of all types of industry products to suit the needs of types of industry such as mines, shipyards, chemical factory etc. "56 Series" complies to British Standards and Lloyds Register of Shipping Approval and also had been tested for protection against ingress of water and dust to IP56. It is tough, safe, able to withstand hard knocks and give the best performance under many adverse conditions.

Advantages

Switched Sockets/Surface Switches

- Polycarbonate cover with visible gasket to guarantee sealing
- Clear indication of positioning marks
- Socket self latching flap which automatically locks into place preventing dust and water from entering after plugs been removed
- Stainless Steel fittings for corrosion resistance
- Transparent cover enables the inspection and checking of the condition or wiring of the sockets and pin configurations
- Available in light grey (Standard) or chemically resistant orange (RO)

Plugs

- The plugs are fitted with screwed ring for securing to the socket outlets and a cable gland for gripped of cable and ensuring sealing

Enclosures

- Sealing gasket for guarantee sealing
- Din rail mounting are specially designed for MCBs, RCDs to suit all 56 Series products with clear self latching flap lid and weatherproof sealing gasket

Weatherprotected Surface Switches

- Impact mounted resistant surface switches measure 88mm x 78mm, height of 53mm
- A neoprene "O" ring ensures sealing between plate and box
- Supplied in a two screw Earth terminal secured inside the box

Weatherproof Push Button Surface Switch

- Ruggedly built and practical
- Neoprene RED/GREEN button
- Terminals accommodate 3mm x 2.5mm sq. cables

Miniature Circuit Breakers

S 250 Range Type 2 acc. to BS 3871

Application:

To control and protect against circuit overloads and short-circuit currents in
 * domestic installations
 * commercial distribution systems

Technical Data:

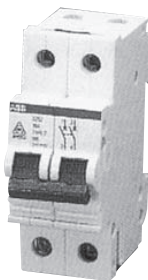
Standard : BS 3871 : Part 1
 Tripping characteristics : Type 2
 No. of poles : 1, 2, 3, 1 + NA, 3 + NA
 Rated Current : 6...63A
 Rated Voltage U_n single pole : AC-240/415V~; DC - 60V...
 multi pole : AC-415V~; DC - 110V...
 Max. operating voltage : $U_n + 10\%$
 Short circuit rupturing capacity :
 acc. to BS 3871: Part 1 : M6 (6000A)
 Frequency : 50...60Hz
 No. of switching at rated load : 2000 operations
 Ambient temp. : max temp. +55°C; min temp. -25°C
 Humidity : max -95%; min -40%
 Dimensions per module (mm) : 90 x 17.5 x 68 (Length x Width x Depth)

Stock Code	No. of Poles	Rated Current	Ordering Details in A	Order Code Type No.	Packing	Weight 1pc kg
AL00157	1	6	S 251 - 6A Type 2	GHS 251 2280 R0062	10	0,125
AL00158		10	S 251 - 10A Type 2	GHS 251 2280 R0102	10	0,125
AL00159		16	S 251 - 16A Type 2	GHS 251 2280 R0162	10	0,125
AL00160		20	S 251 - 20A Type 2	GHS 251 2280 R0202	10	0,125
AL00161		25	S 251 - 25A Type 2	GHS 251 2280 R0252	10	0,125
AL00162		32	S 251 - 32A Type 2	GHS 251 2280 R0322	10	0,125
AL00163	2	40	S 251 - 40A Type 2	GHS 251 2280 R0402	10	0,125
AL00164		50	S 251 - 50A Type 2	GHS 251 2280 R0502	10	0,130
AL00165		63	S 251 - 63A Type 2	GHS 251 2280 R0632	10	0,130
AL00166		6	S 252 - 6A Type 2	GHS 252 2280 R0062	5	0,250
AL00167		10	S 252 - 10A Type 2	GHS 252 2280 R0102	5	0,250
AL00168		16	S 252 - 16A Type 2	GHS 252 2280 R0162	5	0,250
AL00169	3	20	S 252 - 20A Type 2	GHS 252 2280 R0202	5	0,250
AL00170		25	S 252 - 25A Type 2	GHS 252 2280 R0252	5	0,250
AL00171		32	S 252 - 32A Type 2	GHS 252 2280 R0322	5	0,250
AL00172		40	S 252 - 40A Type 2	GHS 252 2280 R0402	5	0,260
AL00173		50	S 252 - 50A Type 2	GHS 252 2280 R0502	5	0,260
AL00174		63	S 252 - 63A Type 2	GHS 252 2280 R0632	5	0,260
AL00175	3	6	S 253 - 6A Type 2	GHS 253 2280 R0062	3	0,375
AL00176		10	S 253 - 10A Type 2	GHS 253 2280 R0102	3	0,375
AL00177		16	S 253 - 16A Type 2	GHS 253 2280 R0162	3	0,375
AL00178		20	S 253 - 20A Type 2	GHS 253 2280 R0202	3	0,375
AL00179		25	S 253 - 25A Type 2	GHS 253 2280 R0252	3	0,375
AL00180		32	S 253 - 32A Type 2	GHS 253 2280 R0322	3	0,375
AL00181		40	S 253 - 40A Type 2	GHS 253 2280 R0402	3	0,375
AL00182		50	S 253 - 50A Type 2	GHS 253 2280 R0502	3	0,390
AL00183		63	S 253 - 63A Type 2	GHS 253 2280 R0632	3	0,390

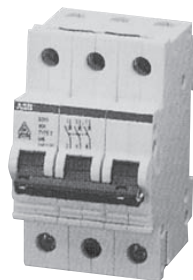
MCBs with switched neutral (1 + NA, 3 + NA) on request.



Single Pole
AL00157



Double Pole
AL00166



Triple Pole
AL00175

ALLINTON ENGINEERING & TRADING PTE LTD

331 Jalan Besar Singapore 208983

T65 6296 0679 W allinton.com.sg E sales@allinton.com.sg

Electrical Products

Electrical Products

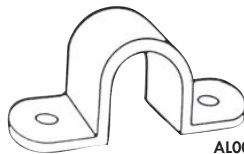
Wall Mounting and Free Standing Cabinets Atlantic Metal IP 55-9



Beige
RAL 7032
AL00220

Stock Code	Dimensions (mm) H x W x D	Beige RAL 7032	Stock Code	Dimensions (mm) H x W x D	Beige RAL 7032
AL00220	300 x 200 x 160	355 00	AL00235	700 x 500 x 250	355 22
AL00221	300 x 400 x 200	355 01	AL00236	800 x 600 x 300	355 23
AL00222	400 x 300 x 200	355 02	AL00237	800 x 800 x 300	355 24
AL00223	500 x 400 x 200	355 03	AL00238	1000 x 600 x 300	355 26
AL00224	600 x 400 x 200	355 04	AL00239	1000 x 800 x 300	355 27
AL00225	400 x 600 x 250	355 06	AL00240	1000 x 1000 x 300	355 91
AL00226	500 x 400 x 250	355 07	AL00241	1200 x 800 x 300	355 92
AL00227	600 x 400 x 250	355 08	AL00242	1200 x 1000 x 300	355 93
AL00228	600 x 600 x 250	355 10	AL00243	1200 x 1200 x 300	355 94
AL00229	700 x 500 x 250	355 12	AL00244	1400 x 1000 x 300	355 95
AL00230	800 x 600 x 250	355 14	AL00245	800 x 600 x 300	355 28
AL00231	800 x 800 x 250	355 15	AL00246	1000 x 800 x 300	355 29
AL00232	1000 x 600 x 250	355 17	AL00247	1200 x 800 x 400	355 96
AL00233	1000 x 800 x 250	355 18	AL00248	1200 x 1000 x 400	355 97
AL00234	600 x 600 x 300	355 20	AL00249	1400 x 800 x 400	355 98

Conduit Accessories



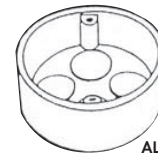
AL00250

PVC Plain Saddle			
Stock Code	Model	Dimension	Qty.
AL00250	PS/20	20mm	1000pcs
AL00251	PS/25	25mm	1000pcs



AL00252

PVC Extension Ring			
Stock Code	Model	Dimension	Qty.
AL00252	EER/20	20mm	1000pcs
AL00253	EER/35	35mm	1000pcs



AL00254

PVC Loop-in Box		
Stock Code	Model	Qty.
AL00254	ALP/20/4	200pcs



AL00255

PVC Reducer-20X25		
Stock Code	Model	Qty.
AL00255	Reducer	1000pcs

Conduit Fittings (Cipped On)



AL00256

Model: A20/CB/2 - A25/CB/2	
Description	- 1 way Terminal Box
Dimension	- 20mm/ 25mm
Qty/Ctn	- 100pcs



AL00257

Model: A20/CB/3 - A25/CB/3	
Description	- 2 way Through Box
Dimension	- 20mm/ 25mm
Qty/Ctn	- 100pcs



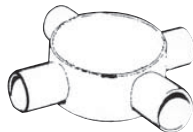
AL00258

Model: A20/CB/4 - A25/CB/4	
Description	- 2 way Angle Box
Dimension	- 20mm/ 25mm
Qty/Ctn	- 100pcs



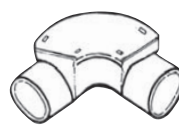
AL00259

Model: A20/CB/5 - A25/CB/5	
Description	- 3 way Tee Box
Dimension	- 20mm/ 25mm
Qty/Ctn	- 100pcs



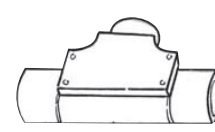
AL00260

Model: A20/CB/6 - A25/CB/6	
Description	- 4 way Intersection Box
Dimension	- 20mm/ 25mm
Qty/Ctn	- 100pcs



AL00261

Model: AIE/20 - AIE/25	
Description	- 2 Way Inspection Elbow
Dimension	- 20mm/ 25mm
Qty/Ctn	- 100pcs



AL00262

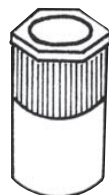
Model: AIT/20 - AIT/25	
Description	- Inspection Tee
Dimension	- 20mm/ 25mm
Qty/Ctn	- 100pcs

Conduit Accessories



AL00263

PVC Socket			
Stock Code	Model	Dimension	Qty./CTN
AL00263	ESC/20	20mm	1000pcs
AL00264	ESC/25	25mm	1000pcs
AL00265	ESC/32	32mm	1000pcs



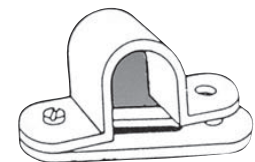
AL00267

PVC Female Adaptor			
Stock Code	Model	Dimension	Qty.
AL00267	AFA/20	20mm	1000pcs
AL00268	AFA/25	25mm	1000pcs
AL00269	AFA/32	32mm	1000pcs



AL00270

PVC Male Adaptor			
Stock Code	Model	Dimension	Qty.
AL00270	MA/20	20mm	1000pcs
AL00271	MA/25	25mm	1000pcs



AL00272

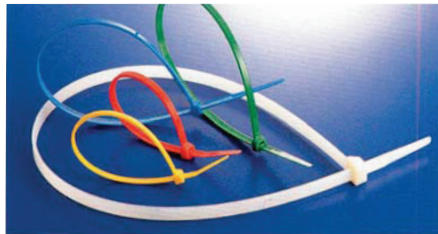
PVC Bar Full Saddle			
Stock Code	Model	Dimension	Qty.
AL00272	BS/20	20mm	1000pcs
AL00273	BS/25	25mm	1000pcs

Electrical Products

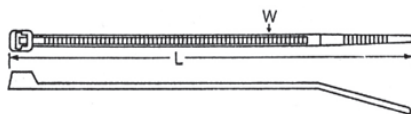
Cable Tie

Material Specification:

- Natural nylon: KSS standard cable ties made from U.L. approved nylon 6/6. Normal service temperature range: -40°C to 85°C. Flammability rating: UL 94V-2
- Black nylon: (Material and temperature as above). For your order please add "B" to standard item no. i.e. CV-075B
- Weather resistant nylon (ULTRA VIOLET): Carbonate "A" was added for greater resistance to ultra violet light in outdoor application. For your order, please add "W" to standard item no. i.e. CV-075W
- Heat stabilized nylon: Service temp. 135°C
- Specification: Made to comply with mil-spec drawing no. MS-3367 tensile strength meet or exceed MIL-S-23190D standard.



AL00274



E97527 For all size

Stock Code	Length		Width	Max. Bundle Dia.	Min Tensile Strength	
	mm	inch			mm	lbs (Kgs)
AL00274	75	3"	2.4	18	18 [8]	Miniature
AL00275	94	3 3/4"	2.5	23		
AL00276	100	4"	2.5	25		
AL00277	120	4 3/4"	2.5	30		
AL00278	140	5 1/2"	2.5	35		
AL00279	165	6 1/2"	2.5	44		
AL00280	200	8"	2.5	55	40 [18]	Intermediate
AL00281	120	4 3/4"	3.2	30		
AL00282	140	5 1/2"	3.2	35		
AL00283	150	6"	3.6	39		
AL00284	200	8"	3.2	55		
AL00285	200	8"	3.6	55		
AL00286	250	10"	3.6	74		
AL00287	265	10 1/2"	3.6	78		
AL00288	292	11 1/2"	3.6	85		
AL00289	330	13"	3.6	96		
AL00300	368	14 1/2"	3.6	102	50 [22]	Standard
AL00301	120	4 3/4"	4.8	30		
AL00302	160	6 1/4"	4.8	42		
AL00303	180	7"	4.0	49		
AL00304	190	7 1/2"	4.8	52		
AL00305	200	8"	4.6	55		
AL00306	250	10"	4.8	74		
AL00307	280	11"	4.8	81		
AL00308	310	12"	4.8	89		
AL00309	368	14 1/2"	4.8	102		
AL00310	385	15 1/2"	4.8	116		
AL00311	432	17"	4.8	125		
AL00312	450	18"	4.8	130	120 [55]	Heavy Duty
AL00313	200	8"	7.6	55		
AL00314	240	9 3/4"	7.6	66		
AL00315	280	11"	7.6	78		
AL00316	300	11 3/4"	7.6	88		
AL00317	340	13 1/2"	7.6	99		
AL00318	380	15"	7.6	110		

Spiral Wrapping Band

- Material: Made from P.E. material. Excellent in insulation and binding strength.
- Colour: Standard in natural. Black in natural. Colours available upon request.
- Description:
 - Flexible construction enables bands to follow wire ways easily.
 - Durable, reusable with retained spiral strength.
 - Fix ends if band with KSS cable ties and spiral wire bundles in clockwise direction to complete works.
 - Expand spiral range almost without limit.

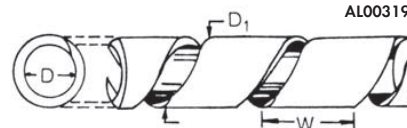
Unit: mm

Stock Code	Item No.	D	D1	W	Wrapping Range (mm Ø)	Packing
AL00319	KS-3	1.5	3	4.0	15/18	10M per plastic bag
AL00320	KS-6	4	6	7.0	10-50	
AL00321	KS-8	6	8	10.8	15-60	
AL00322	KS-10	7.5	10	11.4	20-60	
AL00323	KS-12	9	12	13.9	20-65	
AL00324	KS-15	10	15	15.0	20-70	
AL00325	KS-19	15	19	18.2	25-100	
AL00326	KS-24	20	24	19.6	30-130	

Screw Size

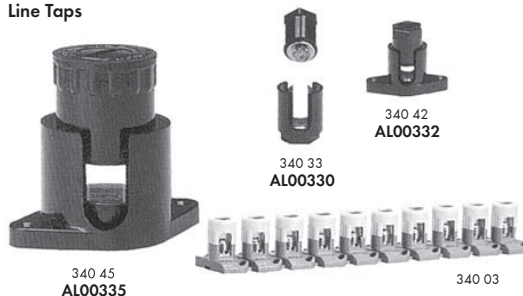


AL00319



An economical way of cable binding. Easily applied to electric harness cables and wire bundles. Cut-to-fit versatility in convenient roll form.

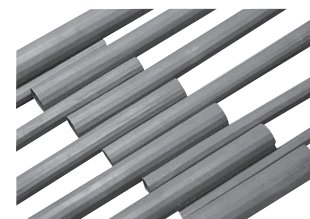
Line Taps



Non-shear line Hexagonal head

Stock Code	Without feet	Capacity per tap (mm ²)	Width of slot (max. cable Ø in mm)	Overall Height (mm)	Fixing centres (mm)	Torque (m/kg)
AL00327	20/1000	340 30	2 x 6	3.3	27	0.40
AL00328	20/1000	340 31	2 x 10	4.5	37	0.40
AL00329	20/400	340 32	2 x 16	5.8	41	0.50
AL00330	20/400	340 33	2 x 35	7.4	49	0.70
AL00331	10/200	340 34	2 x 50	9.5	59	1.20
AL00332	20/400	340 42	2 x 18	5.8	41	0.50
AL00333	20/200	340 43	2 x 30	7.4	49	0.50
AL00334	10/100	340 44	2 x 50	9.5	59	1.20
AL00335	10/100	340 45	2 x 75	11.7	71	1.50

Heat Shrinkable Tubings



AL00426

In-line and Right Angled Boots (Bushing Insulating Covers)



AL00425

ALLINTON ENGINEERING & TRADING PTE LTD
 331 Jalan Besar Singapore 208983
 T65 6296 0679 W allinton.com.sg E sales@allinton.com.sg

Electrical Products

Colson™ Cable Ties



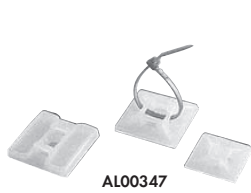
319 16
AL00336



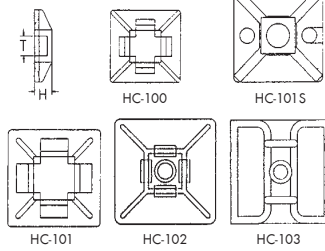
Ultra-Violet (U.V.) resistant cable ties External teeth Black polyamide 12

Stock Code	Pack	Cat Nos.	Width (mm)	Flat Length (mm)	Max. Ø grip capacity (mm)	Max. Ø grip capacity (mm)	Weight (g)
AL00336	100/1000	319 10	9	123	22	4	1.7
AL00337	100/1000	319 13	9	185	42	10	2.6
AL00338	100/1000	319 16	9	262	62	26	4.4
AL00339	100/1000	319 20	9	357	92	26	5.8
AL00340	100/500	319 21	9	123	140	74	10.3
AL00341	100	319 22	9	185	220	74	15.8
AL00342	100	319 25	6	119	25	4	1.1
AL00343	100/1000	319 25	6	180	45	10	1.7
AL00344	100	319 02 Cable ties with base (Ø 15 to 30mm)					

Self-Adhesive Tie Mounts



AL00347



- Material: UL approved NYLON 66, 94V-2 (Backed with adhesive tape)
- SELF-ADHESIVE TIE MOUNTS is designed to support light weight wire bundles when properly applied on any clean, smooth, grease-free surface. For heavy support. Mounting hole is provided for screws.
- To apply, simply peel off backing paper and apply mount to surface. After that, cable ties can be inserted to secure wire bundles.
- Black colour available

Unit: mm

Stock Code	Item No.	L	W	H Without Tape	Mounting Hole	T	Packing
AL00347	*HC-100	12.5	12.5	3.2	-	3.2	100 pcs
AL00348	*HC-101S	19	19	3.9	3.2	4.5	
AL00349	HC-101	21	21	3.5	-	4.7	
AL00350	HC-102	28	28	4	5.0	5.0	
AL00351	HC-103	28	28	4	5.0	5.0	

*New Size

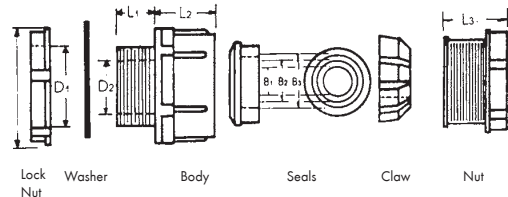
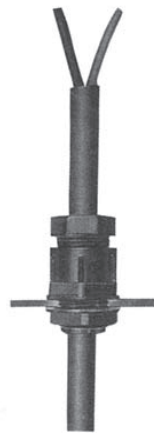
Nylon Cable Gland



Unit: mm

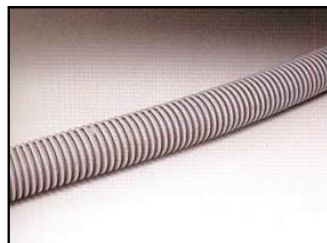
Stock Code	Item No.	D1	Pitch	D2	B1	B2	B3	L1	L2	L3	Cable Range	Packing
AL00352	PG-16	16		10.5		7	10	12	17	16.5	5-10	50pcs
AL00353	PG-20	20		13.7		9	13	13	19	19.5	6-13	
AL00354	PG-25	25		18.5		11	17	13	22	21	10-18	
AL00355	PG-32	32	1.5	25		15	20	15	24.5	24.5	16-22	25pcs
AL00356	PG-40	40		32	22	27	31	21	26.5	27.5	20-27	10pcs
AL00357	PG-50	50		41.5	32	36	41	23	30	31	30-41	
AL00358	PG-63	63		53.2	43	43	51	25	33	33	40-53	

- Material: UL APPROVED NYLON 66, 94V-2 (Black)
- Well designed for insulation; waterproof and impact resistant.
- Used extensively for protection and fixation of cables in control panel and apparatus.
- Application:
 1. Mount body to pre-drilled panel hole and fix it with locking nut.
 2. Insert cables through body and then seals consequently. Finally, press them together with press nut to hold cable in position.

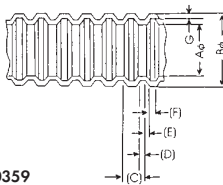


Flexible Conduit

- Material: P. P.
- For running cable protection in Electrical/Machinery. Building Harness wiring.
- Flexible body facilitate your corner/elbow wiring.



AL00359



Close design (Grey) (Black available)

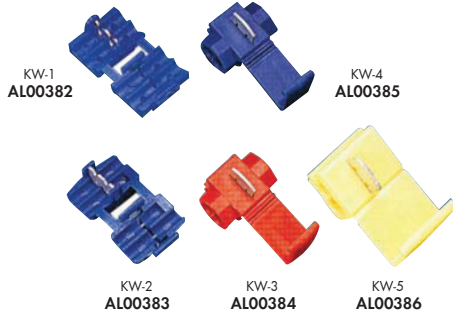
Stock Code	Items No.	A	B	C	D	E	F	G	Packing
AL00359	BG-18P	13.8±0.4	17.5±0.4	3.2	0.7	0.4	1.7	0.3±0.1	100M
AL00360	BG-22P	17.2±0.4	22.0±0.4	3.2	0.7	0.4	1.7	0.35±0.1	100M
AL00361	BG-26P	21.2±0.4	25.8±0.4	3.2	0.7	0.4	1.7	0.4±0.1	100M
AL00362	BG-34P	28.7±0.4	34.0±0.4	3.2	0.7	0.4	1.7	0.5±0.1	50M
AL00363	BG-42P	34.9±0.4	42.0±0.4	3.2	0.7	0.4	1.7	0.6±0.1	50M

Split design (Black)

Stock Code	Items No.	A	B	C	D	E	F	G	Packing
AL00364	CR-1007P	7.4±0.4	10.2±0.4	2.7	0.6	0.3	1.5	0.27±0.1	300M
AL00365	CR-1011P	10.7±0.4	14.1±0.4	2.7	0.6	0.3	1.5	0.27±0.1	200M
AL00366	CR-1013P	13.2±0.4	17.5±0.4	3.5	0.7	0.45	1.9	0.27±0.1	150M
AL00367	CR-1015P	15.0±0.4	19.5±0.4	3.5	0.7	0.45	1.9	0.27±0.1	100M
AL00368	CR-1019P	19.3±0.4	23.8±0.4	3.5	0.7	0.45	1.9	0.27±0.1	100M
AL00369	CR-1022P	22.0±0.4	27.0±0.4	4.2	0.8	0.50	2.4	0.30±0.1	100M
AL00370	CR-1025P	25.0±0.4	30.0±0.4	4.2	0.8	0.50	2.4	0.30±0.1	50M
AL00371	CR-1028P	28.0±0.4	34.0±0.4	4.4	0.8	0.55	2.5	0.35±0.1	50M

Electrical Products

Mid-Way Wire Connector

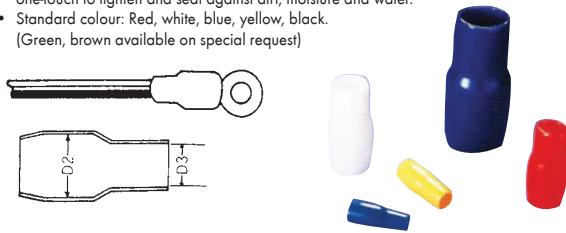


- Material: KW-1: Nylon 66, 94V-2. Body with metal inside.
KW-2,3,4,5: PE. Body with metal inside.
- Insert wires to be connected on the grooves of connector, clamps down the plastic body and electricity can be conducted.

Stock Code	Item No.	Wire Suitable	Colour	Packing
AL00382	KW-1	18AWG - 14AWG	Blue	100pcs
AL00383	KW-2	18AWG - 14AWG	Blue	
AL00384	KW-3	22AWG - 18AWG	Red	
AL00385	KW-4	18AWG - 14AWG	Blue	
AL00386	KW-5	12AWG - 10AWG	Yellow	

Vinyl Wire End Caps

- Material: Soft P.V.C.
- Maximum service temp: 80 °C
- For the insulation works of wire end terminal. Performing the work with a simple one-touch to tighten and seal against dirt, moisture and water.
- Standard colour: Red, white, blue, yellow, black.
(Green, brown available on special request)



AL00387

Stock Code	Item No.	Wire Suitable	D2	D3	Packing
AL00387	V-1.25	600V 1.25mm ² , 12.5mm ²	3.3	3.1	100pcs
AL00388	V-2	600V 2.0mm ² , 2.0mm ² , 1.2mm ² , Single, 1.6mm Single	4.5	3.7	
AL00389	V-3.5	600V 3.5mm ²	5.7	4	
AL00390	V-5.5	600V 5.5mm ² , 2.6mm Single	5.7	5.2	
AL00391	V-8	600V 8.0mm ² , 3.2mm ² Single	7.2	6.2	
AL00392	V-14	600V 14mm ²	10.0	8.0	
AL00393	V-22	600V 22mm ²	12.0	9.5	
AL00394	V-38	600V 38mm ²	14.0	11.8	
AL00395	V-60	600V 60mm ²	16.8	13.5	
AL00396	V-80	600V 80mm ²	19.0	16.0	
AL00397	V-100	600V 100mm ²	22.0	18.0	
AL00398	V-125	600V 125mm ²	24.0	20.0	50pcs
AL00399	V-150	600V 150mm ²	24.4	22.0	
AL00400	V-200	600V 200mm ²	32.0	24.0	
AL00401	V-250	600V 250mm ²	36.0	25.0	25pcs
AL00402	V-325	600V 325mm ²	38.0	28.5	
AL00403	V-400	600V 400mm ²	44.0	37.0	
AL00404	V-500	600V 50mm ²	50.0	40.5	
AL00405	V-630	600V 630mm ²	52.0	45.0	

Two-Way Cable Breakouts

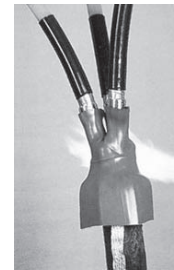


AL00421

Three-Way Cable Breakouts



AL00422



Four-Way Cable Breakouts



AL00423

Cable-End Sealing Caps



AL00424

0330 KSS Wire Collect Tie



- Material: Polyethylene PE.
- Color: Natural. For Black, Please add "BK" to item No.
- Application: Wrap electrical cords for shipping and packaging.
- Using Method: First, Put the wire into A (see the diagram) then roll up the wire and it by collect tie.

Stock Code	Model Code	Item No.		Length		W	Max.Bundle Dia	Packing
		Natural	Black	mm	inch			
AL01196	TL-1	TL-1	TL-1BK	130	5 1/8"	15.5	35	100 PCS
AL01197	ROT-14	PCT-140	PCT-140BK	142	5 1/2"	8.5	38	
AL01198	WL-150	WL-160	WL-160BK	160	6 1/4"	9	45	
AL01199	WLT-230	WLT-230	WLT-230BK	234	9 1/16"	5.5	50	

0332 KSS Wire Collect Tie



- Material: UL approved Nylon 66, 94V-2

Stock Code	Model Code	Item No.		Length		W	Max.Bundle Dia	Min Loop Tensile Strength		Packing
		Natural	Black	mm	inch			lbs	kg	
AL01200	WLT-165BK	WCT-165	WCT-165BK	165	6 1/2"	7	44	50	22	100 PCS

ALLINTON ENGINEERING & TRADING PTE LTD
331 Jalan Besar Singapore 208983
T65 6296 0679 W allinton.com.sg E sales@allinton.com.sg

Electrical Products

SPECIFICATION

MC 200

APPLICATION

This cable is suitable for use in fixed installations for power supply in commercial ship where flame retardant and low smoke halogen free properties are required.

CONSTRUCTION

Conductor Annealed Stranded Circular or Shaped Copper
Insulation XLPE
Sheath Flame Retardant LSOH
Colour Grey

TECHNICAL DATA

Standard IEC 60092 - 353
Rated Voltage 600/1000V
Test Voltage 3.5 KV / 5 min
Temp. Range -15 °C to +85 °C

CORE IDENTIFICATION

C - Natural
C - Red & Black
C - Red, Yellow & Blue
C - Red, Yellow Blue & Black
C & above - Numbers
printed on the cores

PRODUCT PERFORMANCE

IEC 60332-1
IEC 60332-3 Cat. A
IEC 60754-1
IEC 61034-1 & 2

CERTIFICATION

ABS, NKK, LR

MC 200C

APPLICATION

This cable is suitable for use in fixed installations for power supply in commercial ship where flame retardant and low smoke halogen free properties are required.

CONSTRUCTION

Conductor Annealed Stranded Circular or Shaped Copper
Insulation XLPE
Inner Covering Lapped
Wire Braid Annealed Copper Wires
Sheath Flame Retardant LSOH
Colour Grey

TECHNICAL DATA

Standard IEC 60092 - 353
Rated Voltage 600/1000V
Test Voltage 3.5 KV / 5 min
Temp. Range -15 °C to +85 °C

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PRODUCT PERFORMANCE

IEC 60332-1
IEC 60332-3 Cat. A
IEC 60754-1
IEC 61034-1 & 2

CERTIFICATION

ABS, NKK, LR

MC 200Q

APPLICATION

This cable is suitable for use in fixed installations for power supply in commercial ship where flame retardant and low smoke halogen free properties are required.

CONSTRUCTION

Conductor Annealed Stranded Circular or Shaped Copper
Insulation XLPE
Inner Covering Lapped
Wire Braid Galvanized Steel Wires
Sheath Flame Retardant LSOH
Colour Grey

TECHNICAL DATA

Standard IEC 60092 - 353
Rated Voltage 600/1000V
Test Voltage 3.5 KV / 5 min
Temp. Range -15 °C to +85 °C

CORE IDENTIFICATION

C - Natural
C - Red & Black
C - Red, Yellow Blue & Black
C & above - Numbers
printed on the cores

PRODUCT PERFORMANCE

IEC 60332-1
IEC 60332-3 Cat. A
IEC 60754-1
IEC 61034-1 & 2

CERTIFICATION

ABS, NKK, LR

MC 210

APPLICATION

This cable is suitable for use in fixed installations for power supply in commercial ship.

CONSTRUCTION

Conductor Annealed Stranded Circular or Shaped Copper
Insulation XLPE
Sheath Flame Retardant PVC
Colour Grey

TECHNICAL DATA

Standard IEC 60092 - 353
Rated Voltage 600/1000V
Test Voltage 3.5 KV / 5 min
Temp. Range -15 °C to +85 °C

CORE IDENTIFICATION

C - Natural
C - Red & Black
C - Red, Yellow & Blue
C & above - Numbers
printed on the cores

PRODUCT PERFORMANCE

IEC 60332-1
IEC 60332-3 Cat. A

CERTIFICATION

ABS, NKK, LR

MC 210C

APPLICATION

This cable is suitable for use in fixed installations for power supply in commercial ship.

CONSTRUCTION

Conductor Annealed Stranded Circular or Shaped Copper
Insulation XLPE
Inner Sheath Extruded PVC
Wire Braid Annealed Copper Wires
Sheath Flame Retardant PVC
Colour Grey

TECHNICAL DATA

Standard IEC 60092 - 353
Rated Voltage 600/1000V
Test Voltage 3.5 KV / 5 min
Temp. Range -15 °C to +85 °C

CORE IDENTIFICATION

C - Natural
C - Red & Black
C - Red, Yellow & Blue
C - Red, Yellow Blue & Black
C & above - Numbers
printed on the cores

PRODUCT PERFORMANCE

IEC 60332-1
IEC 60332-3 Cat. A

CERTIFICATION

ABS, DNC, NKK, LR

MC 210Q

APPLICATION

This cable is suitable for use in fixed installations for power supply in commercial ship.

CONSTRUCTION

Conductor Annealed Stranded Circular or Shaped Copper
Insulation XLPE
Inner Sheath Extruded PVC
Wire Braid Galvanized Steel Wires
Sheath Flame Retardant PVC
Colour Grey

TECHNICAL DATA

Standard IEC 60092 - 353
Rated Voltage 600/1000V
Test Voltage 3.5 KV / 5 min
Temp. Range -15 °C to +85 °C

CORE IDENTIFICATION

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C - Red, Yellow Blue & Black
C & above - Numbers
printed on the cores

PRODUCT PERFORMANCE

IEC 60332-1
IEC 60332-3 Cat. A

CERTIFICATION

ABS, DNC, BV, NKK, LR

FR 200 M

APPLICATION

This cable is suitable for use in fixed installations for power supply in Navy, Oil Tanker Commercial ship where flame retardant, low smoke halogen free and fire resistant properties are required.

CONSTRUCTION

Conductor Annealed Stranded Circular or Shaped Copper
Fire Barrier Mica Tape
Insulation XLPE
Sheath Flame Retardant LSOH
Colour Orange

TECHNICAL DATA

Standard IEC 60092 - 353
Rated Voltage 600/1000V
Test Voltage 3.5 KV / 5 min
Temp. Range -15 °C to +85 °C

CORE IDENTIFICATION

C - Natural
C - Red & Black
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C - Red, Yellow Blue & Black
C & above - Numbers
printed on the cores

PRODUCT PERFORMANCE

IEC 60332-1
IEC 60332-3 Cat. A
IEC 60331
IEC 60754-1
IEC 61034-1 & 2

CERTIFICATION

ABS

FR 200C M

APPLICATION

This cable is suitable for use in fixed installations for power supply in Navy, Oil Tanker Commercial ship where flame retardant, low smoke halogen free and fire resistant properties are required.

CONSTRUCTION

Conductor Annealed Stranded Circular or Shaped Copper
Fire Barrier Mica Tape
Insulation XLPE
Inner Covering Lapped
Wire Braid Annealed Copper Wires
Sheath Flame Retardant LSOH
Colour Orange

TECHNICAL DATA

Standard IEC 60092 - 353
Rated Voltage 600/1000V
Test Voltage 3.5 KV / 5 min
Temp. Range -15 °C to +85 °C

CORE IDENTIFICATION

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PRODUCT PERFORMANCE

IEC 60332-1
IEC 60332-3 Cat. A
IEC 60331
IEC 60754-1
IEC 61034-1 & 2

CERTIFICATION

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PRODUCT PERFORMANCE

IEC 60332-1
IEC 60332-3 Cat. A
IEC 60331
IEC 60754-1
IEC 61034-1 & 2

CERTIFICATION

ABS

ALLINTON ENGINEERING & TRADING PTE LTD

331 Jalan Besar Singapore 208983

T65 6296 0679 W allinton.com.sg E sales@allinton.com.sg