

In stock and ready to despatch,
300,000 products in our Asia, US
and Europe warehouses.

300,000 products at your fingertips



Make Farnell-Newark InOne
your first choice -
search over 300,000 products at
www.farnell-newarkinone.com.sg

**Can't find the product
you are looking for?**

Contents

Page

Adaptors	437
Circular Mains	462
Figure '8' Inlets	449
IEC Free Plugs	459
IEC Free Sockets	449
IEC Hot Condition	462
IEC Inlets	450
IEC Outlets	460
IEC Outlet Filters	459
IEC Plug Filters	453
In Line Lead Connectors	438
Industrial BS4343	443
Industrial BS4344	443
International Mains Leads	448
International Mains Plugs	437
Lemo High Power Connectors	465
Low Voltage DC Power Connectors	464
Mains Distribution Boards	439
Mains Extension Leads	442
Mains Leads	446
Mains Style Filters	435
Mains Test Connectors	439
Mains Trailing Sockets	439
Quick Connect - BS4343	446
Quick Connect - BS4344	446
Residual Current Devices (RCDs)	436
Sealed	463
Shrouded Contact Mains	463
UK Mains Plugs	434

10

Connectors - Power & Mains

Mains Plugs  SEE THIS PAGE	Adapters  SEE PAGE 437	International Mains Leads  SEE PAGE 448	IEC Outlets  SEE PAGE 461	High Power Connectors  SEE PAGE 465
International Mains Plugs  SEE PAGE 437	Mains Distribution  SEE PAGE 439	IEC Free Sockets  SEE PAGE 449	IEC Hot condition  SEE PAGE 462	Low Voltage DC Power  SEE PAGE 464
Mains Style Filters  SEE PAGE 435	Mains Extension Leads  SEE PAGE 443	Figure 8 Inlets  SEE PAGE 449	Appliance Connectors  SEE WEBSITE	
RCDS  SEE PAGE 437	Industrial BS4343  SEE PAGE 443	IEC Inlets  SEE PAGE 450	Circular Mains  SEE PAGE 462	
In-Line Connectors  SEE PAGE 438	Quick connect BS4343  SEE PAGE 446	IEC Plug Filters  SEE PAGE 453	Shrouded Contact Mains  SEE PAGE 463	
Con Bloc  See Website	Mains Leads  SEE PAGE 446	IEC Free Plugs  SEE PAGE 459	Sealed  SEE PAGE 464	

UK Mains Plugs

'Safetyplug'™



- Automatic cord grip
- Captive fixing screw and terminals

Fuse Supplied 3A&13A
 Manufactured to ASTA, BS1363: 1984
 Housing White urea formaldehyde
 Contacts Sleeved brass pins,
 phosphor bronze fuse clips

Box qty.

Mfrs. List No: 64603WHI, = 269-098 646WHI = 107-754

◆ Anti-tamper security screw prevents unauthorised access



Fuse Rating	Order Code	1+	10+	50+	100+	+
3A	269-098	6.93	6.32	6.00	5.82	--
13A	107-754	7.32	6.74	6.23	5.74	--
Security Screw	107-755	1.80	1.73	1.67	1.28	--
Security screw key	107-784	3.00	2.61	2.49	--	--

209041

Urea/Nylon



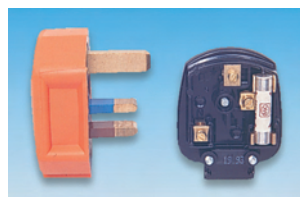
- Integral cord grip
- Fused and with shrouded pins

Fuse Supplied 3A, 5A, & 13A
 Manufactured to **ASTA, BS1363: 1984**
 Housing Urea (base), nylon (top)
 Contacts Sleeved brass pins, phosphor bronze fuse clips

209203

Fuse Rating	Order Code	1+	10+	50+	100+	+
3A	964-396	2.15	1.86	1.80	1.71	--
5A	964-402	2.13	1.75	1.56	1.39	--
13A	964-414	2.32	2.01	1.95	1.85	--

Coloured Rubber



- Colour coded blue and brown sleeved pins
- Easy grip cover

Fuse supplied 13A
 Manufactured to **ASTA, BS1363A: 1984**
 Housing Base polycarbonate, cover rubber
 Contacts Sleeved brass pins, phosphor bronze fuse clips
 Box Qty. 10
 Mfrs. List No: PF133BLK+ Colour

209195

Colour	Order Code	1+	10+	50+	100+	+
Black	150-699	6.01	5.55	5.20	4.62	--
White	150-700	6.05	5.65	5.26	4.82	--
Orange	150-701	6.47	5.68	5.62	5.17	--

Coloured 'Toughplug'



- Colour coded terminals
- Captive fixing screws/terminals
- Automatic cord grip
- 'Company' and 'Hospital' property versions

Fuse supplied 3A, 13A
 Manufactured to **ASTA, BS1363: 1984**
 Housing Base, urea formaldehyde, Cover PVC
 Contacts Sleeved brass pins, phosphor bronze clips
 Box Qty. 10

◆ Anti-tamper security screw - prevents unauthorised access

Mfrs. List No: 655D8WHI = 269-116, 655D9WHI = 470-170, 65530WHI = 269-104

209325

Fuse	Colour	Cover Marking	Order Code	1+	10+	50+	100+	+
3A	White		269-104	9.21	8.38	7.77	7.12	--
13A	White		107-756	9.21	8.38	7.77	7.09	--
13A	Black		107-757	9.21	8.38	7.77	7.09	--
13A	Red		107-758	10.08	8.80	8.31	7.89	--
13A	Orange		107-759	10.65	9.24	8.80	8.04	--
13A	White	Company Property	470-170†	10.46	8.96	8.41	8.02	--
13A	White	Hospital Property	269-116	12.08	10.50	10.14	9.21	--
◆ Security Screw			107-755	1.80	1.73	1.67	1.28	--
Security Screw Key			107-784	3.00	2.61	2.49	--	--

† Available until stocks are exhausted

Nylon with Handle



- Large integral handle
- Scuff resistant
- Easy to wire

Mfrs. List Nos: 7951 = 240-539

Fuse supplied 13A
 Manufactured to **ASTA, BS1363A: 1984**
 Housing Nylon
 Contacts Sleeved brass pins, phosphor bronze clips
 Box Qty. 10

209336

Colour	Order Code	1+	10+	50+	100+	+
Red	240-539	5.54	5.26	5.17	4.65	--

Unfused Africa & Asia



- Heavy duty rubber plugs
- Ideal for stage lighting or low voltage rings
- The 15A plug is popular in India, Kenya, Nigeria, Kuwait, parts of Asia and the Far East

Manufactured to **BS546, 1950**
 Housing Black Rubber
 Contacts Brass
 Box Qty. 10

Mfrs. List Nos: P53BLK = 269-128 P153BLK = 269-130

219695

Rating	Colour	Order Code	1+	10+	50+	100+	+
5A	Black	269-128	8.85	8.57	7.54	7.06	--
15A	Black	269-130	10.08	9.76	8.70	7.56	--

Mains Style Filters

Mains Plug/Adaptor

Bowthorpe



Filter plug H=92, W=64, D=64 Filter adaptor

- Sleeved adaptor/plug available in 3A, 7A and 13A ratings
- Incorporates a solid-state transient suppressor and RFI filter to protect sensitive electronic equipment against interference on the mains supply
- Approved to **BT Mains Protector 1A/3**.

Voltage Rating	230VAC, 50Hz	Attenuation	100kHz	1MHz	10MHz
Maximum Surge Current	6500A	3A	40dB	70dB	60dB
Response time	<10ns	7A	50dB	50dB	65dB
Total energy rating	260J	13A	20dB	50dB	60dB
Operating Temperature	-25°C to +75°C				

Filter Plugs

Filter Adaptors

Mfrs. list No.	Order Code	Mfrs. list No.	Order Code
FP3-BOW	151-317	FA3-BOW	150-219
FP7-BOW	151-318	FA7-BOW	150-220
FP13-BOW	151-319	FA13-BOW	151-030

204132

Filter Plugs	Order Code	1+	10+	25+	50+
3A Rating	151-317 ◇	85.89	78.24	68.19	58.14
7A Rating	151-318 ◇	99.83	89.35	77.51	73.61
13A Rating	151-319 ◇	132.01	117.66	101.04	89.47
Filter Adaptors	Order Code	1+	10+	25+	50+
3A Rating	150-219 ◇	98.28	82.20	72.57	69.56
7A Rating	150-220 ◇	118.85	98.82	89.01	81.28
13 Rating	151-030 ◇	142.84	127.29	107.34	99.12
◇ Fits 3 Pin UK Mains Socket					

Surge Master



- A range of power management and protection products
- Maintains status and integrity of all connected equipment
- Telephone/fax/modem protection with built-in line splitter
- AV version has coax/aerial line protection and includes 1.8m coax cable
- Connected equipment warranty

CM510/227354

Maximum Grade



- 8 way surge protected sockets
- Telephone/fax/modem protection, with built-in line splitter
- 2 and 4 metre power cord
- 1.8m telephone cord included
- Lifetime product warranty

Compliant
 Non-compliant
 Limited stock - RoHS replacement available

RoHS

Rating Maximum Surge Current	13A@230Vac 39000A	Response time Energy Rating	≤1ns 1544J
---------------------------------	----------------------	--------------------------------	---------------

CM511/227355

Lead Length	Mfrs. List No.	Order Code	1+	5+	10+
4 Metres	F5C208U4-TEL3	335-6504 ◇	113.08	106.69	102.82
2 Metres	F5C208U2AV-TEL3	335-6516 ◇	125.53	118.57	114.25
◇ Fits UK 3 Pin Mains Socket					

Home/Office Grade

BELKIN.



- 5, 4 and single way surge protected sockets
- Ideal entry level protection for computers, printers and other sensitive electronics in the home or office
- Mastercube is perfect for laptop computers
- Connected equipment warranty

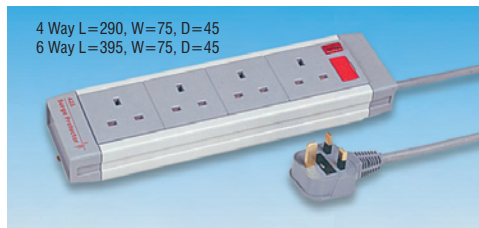
Maximum Surge Current	27000A 18000A 27000A	(F5C205U2/4 series) (F5C204U2/4 series) (F5C195U & TEL)
Energy Rating	720J 824J 480 584	(F5C205U2) (F5C205U2-TEL/4 TEL) (F5C204U2) (F5C204U2-TEL/4 TEL)
Rating	13A@230Vac	
Response time	≤1ns	

CM513/227357

Lead Length	Mfrs. List No.	Order Code	1+	5+	10+
5 Way					
2m	F5C205U2	341-4620 ◇	55.52	47.94	46.68
2m	F5C205U2-TEL	335-6474 ◇	81.61	74.31	70.09
4m	F5C205U4-TEL	345-5567 ◇	89.25	79.80	73.35
4 Way					
2m	F5C204U2	345-5579 ◇	43.35	38.85	35.40
2m	F5C204U2-TEL	345-5580 ◇	63.75	57.30	53.85
4m	F5C204U4-TEL	345-5592 ◇	76.50	68.70	64.80
Mastercube					
	F5C195U	345-5609 ◇	22.95	20.40	17.52
	F5C195U-TEL	335-6437 ◇	35.68	31.63	29.86
◇ Fits UK 3 Pin Socket					

4 and 6 Way In-Line Commercial

Bowthorpe



4 Way L=290, W=75, D=45
6 Way L=395, W=75, D=45

- Distribution boards designed to protect computers and sensitive electronic equipment against both incoming and outgoing voltage spikes and surges.
- Manufactured to **BS6396**. Flame retardant case with pilot lamp and 13A fuse
- Supplied with 2m of cable and a 13A sleeved 3 pin mains plug to **BS1363**
- Thermal overload protection

Rating	13A@230V (7A Internal Fuse Fitted)	Total Energy Rating	135J
Average attenuation	10ns	Response time	10nS
Max. Surge Current	4500A	Mfrs. List No.	AP423=218-716 623GBA-BOW-HP=580-107

204168

	Order Code	1+	5+	10+	25+
4 Way	218-716 ◇	126.27	123.01	117.72	105.49
6 Way	580-107 ◇	193.11	186.51	176.72	152.30
◇ Fits 3 Pin UK Mains Socket					

Residual Current Devices (RCDs)

RCD Adaptors



NEW



These RCD (Residual Current Device) give protection from electrical equipment against electrical shocks from damage or cut cables. Simply plug the adaptor into any 13A UK mains socket for protection.

- Option of adaptors for 1 or 2 appliances
- Tested to BS7071
- Ideal for garden or power tools

Voltage Rating	230V ac, 50Hz
Maximum Load	13A
Trip Current	30mA max.
Trip Time	30ms max.

381827.381991

Description	Order Code	1+	3+
Single Socket RCD	853-5876	19.76	18.59
Double Socket RCD	853-5884	42.09	38.31

RCD Adaptor



- Portable adaptor detect dangerous earth leakage and automatically disconnect both live and neutral, leaving earth connection intact
- Ideal for edge trimmer, lawn mower, power tools, etc.
- CB006 tested to IP44

RCD Type	Double Pole
Voltage Rating	220-240Vac 50Hz
Conform to:	BS7071 (CB007) IEC61540:1997 (SEMKO) (CB006)
Current Rating	13A(CB007)16A(CB006)
Trip Speed	40ms
Rated Trip Current	30mA

THREE YEAR
3
GUARANTEE

204374

	Mfrs. List No.	Order Code	1+	5+	10+	25+
UK Standard	CB007	187-434	48.33	44.58	41.91	38.67

RCD Plug and Adaptor



H=89 W=50 D=48



H=102, W=50, D=45

- RCD Plug and adaptor
- Provides earth fault protection for portable equipment
- Independently tested to **BS7071 (1992)**

Voltage Rating	230Vac, 50Hz	Trip Current	30mA max.
Maximum Load	13A	Trip Time	40ms max.

204478

	Order Code	1+	5+	10+
Mfrs. List No.				
Plug J72G	698-283 ◇	55.05	51.33	50.13
Adaptor J02	608-130 ◇	45.33	42.27	40.05
◇ Fits UK 3 Pin Mains Socket				

RCD Plug and Adaptor



H=95, W=54, D=50



H=118, W=50, D=50

- RCD Plug and adaptor to provide earth fault protection
- Plug (540-500) is as easy to wire as a standard plug
- Adaptor (540-511) can be moved to protect various pieces of equipment

Voltage Rating	240V 50Hz	Current Rating	13A
Maximum load	3000W	Type tested to	BS7071
Trip current rating	30mA	Typical trip time	30ms

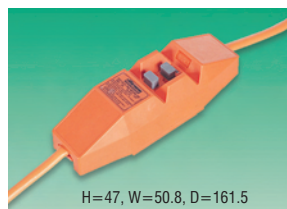
Mftrs. List Nos: VT1952 = 540-500 VT1951 = 540-511

204452

Order Code	1+	5+	10+	25+
540-500	67.74	63.21	62.37	60.36
540-511	48.55	--	--	--

◇ Fits UK 3 Pin Mains Socket

In-line IP65 Sealed



H=47, W=50.8, D=161.5

A heavy duty 16A in-line RCD unit providing double pole protection, for use in wet or dirty environments where rough handling is expected. Sealed to IP65, the unit is supplied with 0.3m of 1.5mm² cable on the input and 0.6m of 1.5mm² cable on the output. Plugs, sockets or connectors of the same IP rating must be used to maintain IP65 integrity.

For IP67 in-line connector see Order Code 179-555

Voltage Rating	240Vac	Trip Current	30mA
Maximum Load	16A	Operating Temperature	-5°C to +40°C
Trip time	40ms	Mftrs. List No.	J62

220500

Order Code	1+	5+	10+
287-155	102.00	99.48	96.93

International Mains Plugs

Europe, 'Schuko' Plug

Unfused



- Rewireable 'Schuko' with dual earthing system
- Extensive use across the majority of Europe
- Complies with DIN49441 and CEE 7 sheet VII, VDE approved

Current Rating	16@250V	Terminations	3x1.5mm ² screw
Housing	Polyamide	Box Qty.	, 400
Contacts	Brass, Nickel plated		

Mftrs. List No: 2029/WS 120-7923 2029/SW 120-7925

219700

Colour	Order Code	1+	50+	200+	400+
White	120-7923	6.61	5.18	4.10	3.39
Black	120-7925	6.61	5.18	4.10	3.39

America, 2 Pin

Free Plug and Panel Sockets



Socket panel cut-out=20.5 x 11 Fixing centres=27 x 2.5 dia.Pin dimensions L=18, W=6.3, Th=1.4 Pitch=12.7

Contact Rating	Plug 15A@125V Socket 15A@125V	Body Contacts	Black bakelite Brass
----------------	----------------------------------	---------------	-------------------------

PROTECTOR

Warning: Only suitable for use with correct mating socket. Equipment Safety Regulations 1975.

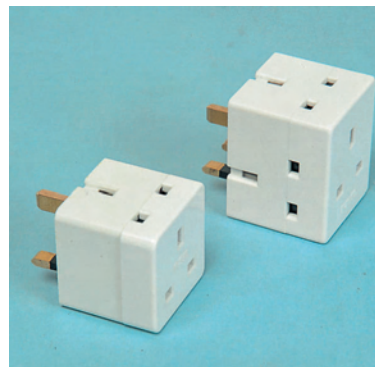
209044

	Order Code	1+	25+	50+	100+	+
Free plug	240-540	1.56	1.45	1.29	1.07	--
Socket Snap Fit	390-6530	1.31	1.20	1.02	0.87	--

Adaptors

Mains Adaptor (13A)

multicomp



2-Way

3-Way

2-way and 3-way insulated pin main adaptors.

13 Amp 250V. Shrouded pins. Manufactured to B.S.5733.

338669.261374

Type	Order Code	1+	3+
2-way unfused	507-8155	2.31	2.02
2-way fused	507-8167	4.52	4.17
3-way fused	507-8179	5.05	4.52

International Power-Traveller®

multicomp



561-307

561-319

561-320



561-368

561-370

561-381



755-4796

561-307 2 round Pin Schuko plug to 3 pin 13A (UK) socket or 5A, 2 Pin shaver socket for use in: Austria, Belgium, Spain inc Majorca, Canaries, Portugal, Holland, Scandinavia, France, Germany, Switzerland, Luxembourg, Greece inc Corfu + Islands, Italy, Tunisia, Morocco, Yugoslavia, Bulgaria, Corsica, Denmark, Egypt, Hungary, Ibiza, India, Israel, Madeira, Maldives, Monaco, Norway, Poland, Rumania, Russia, Sardinia, Sicily, Turkey, Sweden.

561-319 2 Flat Pin Plug (angle adjustment on Pins), to 13A (UK) Socket or 5A, 2 Pin shaver socket for use in USA, Canada, Japan, Australia, New Zealand.

561-320 3 Square Pin, 13A (UK) Plug to fused European Schuko socket for use in: Great Britain, Cyprus, Gibraltar, Hong Kong, Singapore, Kenya, Malaysia, Sri Lanka, Malta, Qatar, Saudi Arabia, UAE, Yemen, Oman, Lebanon, Egypt, Dubai, Abu Dhabi, Bahrain, Bangladesh, Jordan, Kuwait, Bahamas, Belize, Guyana (50Hz), Botswana, Brunei, Gambia, Ghana, India, Jamaica, Malawi, Mauritius, Nigeria, Pakistan, Seychelles, Sierra Leone, Zambia, Zimbabwe, Tanzania, Trinidad.

755-4796 UK Shaver adaptor. 3 square pin 13A (UK) Plug to 1A fused 2 Pin (flat or round socket)

561-368 Multiplug (Europe, USA, Canada and Australia) to 3 square Pin UK socket. For Britons travelling abroad.

561-370 Multiplug (UK, Europe, USA and Australia) to fused 2 Pin European/USA/Australian socket for non UK residents travelling abroad.

561-381 Select-A-Plug. Worldwide adaptor between any of the plugs and sockets above. Integral 5A fuse protection.

Connectors - Power & Mains

10

Compliant
Non-compliant
Limited stock - RoHS replacement available
RoHS

209010

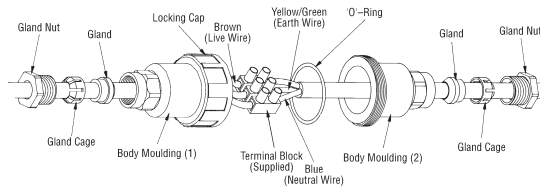
Plug	Socket	Mfrs. List No.	Order Code	1+	5+	10+
Euro	UK	TCN01	561-307	6.51	6.16	5.87
USA/OZ	UK	TCN02	561-319	6.51	6.16	5.87
UK	Euro	TCN03	561-320	11.05	9.98	8.89
UK	Shaver	8780	755-4796	3.58	2.93	2.57
Multi	UK	TRA3	561-368	16.15	15.04	13.75
Multi	Euro	TRA4	561-370	23.79	21.41	19.10
	Multi	TRA100	561-381	29.87	28.38	27.11

In Line Lead Connectors

Sealed IP68 - 16A



L=105, Dia=38



- Threaded coupling 'Buccaneer' style connector
- Ideal for extending or repairing 3 core circular mains plug
- Instructions supplied
- SEMKO approved
- IP68 rated

Contact rating	16A @ 250V ac	Housing	UL94-HB
Cable dia.	6 - 8	Terminal block	Natural Polyethylene
Max. wire size	1mm ²	Temperature range	-20°C to +70°C

Mfrs. List No. PX0777 = 257-825, PX0777/OR = 469-646

Note: Always assemble two body mouldings prior to tightening the gland nuts. For correct sealing ensure all surfaces are free from contamination (dust, grease etc).

209060

Colour	Order Code	1+	25+	50+	100+	+
Black	257-825	18.23	16.15	14.48	11.46	--
Orange	469-646	20.93	18.33	15.54	11.52	--

Aqua-Safe



- Superior sealing to IP68
- Fits cable from 5mm to 9mm diameter
- Easy bayonet fitting push and latch
- For pools, ponds, fountains, etc.
- Supplied with full assembly instructions

Max. wire capacity	1.5mm ²	Waterproof to	IP68 2 bar
Max. voltage	250V ac/dc	Complies with	BS6121 Pt2, BS5733, BS EN60529
Impulse withstand voltage	2kV	Operating temperature	-25°C to +90°C
Current rating	10A		

209294

	Order Code	1+	10+	25+	50+
Aqua-Safe	328-2879	39.40	31.52	28.63	26.23

Sealed IP68 32A



These versatile cable connectors are intended for use with circular profile cables and can be used either indoors or out. Manufactured from tough polyamide (Blue / Grey solid colours) or polycarbonate (Orange translucent colours) all products are IP68 rated. Typical applications could include cabling to temporary structures, Garden/security lighting and portable machinery etc.

- Can be used underwater and underground
- Use for AC or DC voltage
- 3 and 5 Pole versions
- Safe, convenient and simple to use
- Wide cable range
- Tested to IP68 protection at 5 bar
- Compact design complete with mounting kit

Poles	Max. V	Dimensions L	Dia.	Current Rating	Max. conductor size (mm ²)	Cable dia. Range.	Temperature rating
3	450	115	26.5	32A	4	5mm to 13mm	-20°C to 100°C
5	450	130	32.0	17A	4	8mm to 17mm	-20°C to 100°C

335274.342999

No. of Poles	Body Colour	Mfrs. List No.	Order Code	1+	10+	25+	50+
3	Black	TTK20BK-SD-F	488-6823	18.00	15.27	14.48	14.00
3	Black	TTK20BK-SD-F	113-0909	18.00	15.27	14.48	14.00
3	Grey	TTK20GY-SD-F	488-6835	18.00	15.27	14.48	14.00
3	Grey	TTK20GY-SD-F	113-0911	18.00	15.27	14.48	14.00
5	Black	TTK25BK-SD-F	488-6847	23.50	19.92	18.91	18.26
5	Black	TTK25BK-SD-F	113-0913	23.50	19.92	18.91	18.26
5	Grey	TTK25GY-SD-F	488-6859	22.26	19.24	18.10	17.67
3	Orange	TTK20OE-BK-F	488-6860	21.61	17.41	16.54	15.98
3	Orange	TTK20OE-BK-F	113-0914	21.61	17.41	16.54	15.98

Sealed IP65

Five Pole



NEW

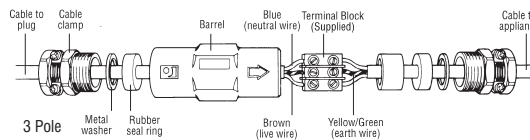
- Polarised plug and socket housings prevent cross mating
- Easy snap-fit locking mechanism
- Suitable for internal or external use
- Screw termination

Voltage Rating	450V	Cable Acceptance	5 - 9mm
Current Rating	16A	Case Material	Nylon (PA66)
IP Rating	65	Flammability Class	UL 94V0
Temperature Range	-20°C to 110°C		

386556

Mfrs. List No.	Order Code	1+	5+	10+	25+
THB.404.A2A+THB.404.B2A	120-6600	33.23	28.68	26.92	25.65

Sealed IP67 16A



- Suitable for the extension and repair of 2, 3 and 5 core cables
- Use for AC or DC voltage
- IP67 protection
- Approvals include: SEMKO, DEMKO, NEMKO and SEV

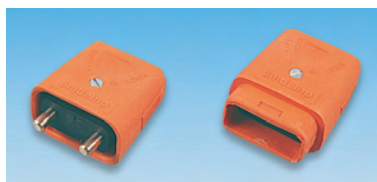
Poles	Max. V	Dimensions L	Dia.	Cable dia. min.	max.	Max. wire size (mm ²)	Mfrs. List No.	Order Code
2	400	100	24	5	12.5	2.5	SK-2-2500	117-9969
3	400	120	28	6	15	2.5	SK-3-2500	117-9968
5	400	150	35	10	19	2.5	SK-5-2500	117-9970

Housing Black Temperature range -20°C to +66°C

208997

Order Code	1+	5+	10+	25+	+
117-9969	26.44	23.98	20.90	17.46	--
117-9968	34.28	31.14	27.16	22.63	--
117-9970	40.56	36.82	32.07	26.84	--

2 and 3 Pole 10A



- Ideal for the extension of leads on electrical appliances
- 2 pin version for use with Class 2 double insulated appliances
- 3 pin must be used with earthed appliances

Contact Rating	10A@250V	Housing	Moulded rubber sleeves
Contacts	Brass (Screw terminal)	Inserts	Polypropylene

Warning: The two pin versions are non-polarised and are therefore not suitable for DC or any application where live/neutral should not be transposed.

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

Mfrs. List No: LCP102ORG = 313-518 LCP103WHI = 313-520 LCP103BLK = 313-531
208988

Supplied as a Plug and Socket Pair

	Order Code	1+	10+	50+	100+	
2 pin orange	313-518	8.49	--	--	--	--
3 pin white	313-520	9.73	8.70	7.51	6.71	--
3 pin black	313-531	9.73	8.70	7.51	6.71	--

Mains Test Connectors

'Quicktest'



658-716
H=49, W=60, D=127, Fixing=2 x M4

Contact Rating 13A 240Vac max. (15A fuse supplied)
Cable rated 5A, Black
Plug Fuse 5A supplied

Mfrs. List No: CL1850 = 658-716



- Provides safe and quick method of temporarily connecting mains powered equipment to a suitable power source
- Colour coded terminals
- Neon lamp indicates 'supply on'
- Lid latches open for ease of use when wall mounted
- Available unwired or prewired with 1.5m lead and 13A plug

	Order Code	1+	10+	25+	100+
Quicktest	658-716	41.48	37.35	36.31	35.24

Mains Trailing Sockets

13A



Single, rubber H=28, W=57, D=78
Twin rubber H=28, W=125, D=80
Quad, polycarbonate H=29, W=130, D=105

Contact Rating 13A @ 250V
Max. load 3120W
Manufactured to BS1363A

Colour	Mfrs. List No.	Order Code	1+	10+	25+	100+
Single						
Black	FC133BLK	313-543	8.95	7.70	7.35	7.13
White	FC133WHI	313-555	9.01	7.80	7.48	7.22
Orange	FC133ORG	313-567	9.08	7.96	7.51	6.81
Twin						
Black	FCT133BLK	313-579	13.92	12.17	11.49	10.78
White	FCT133WHI	313-580	14.76	12.74	12.17	11.62
Orange	FCT133ORG	150-709	14.48	13.29	12.26	12.21

15A Round Pin



Contact Rating 15A@250V AC
Max. load 3600W
Wire Size (min.) 1.5mm²
Manufactured to BS5733

H=33, W=82, D=113

Order Code	1+	10+	50+	100+
269-141	16.69	14.57	13.39	12.65

Mains Distribution Boards

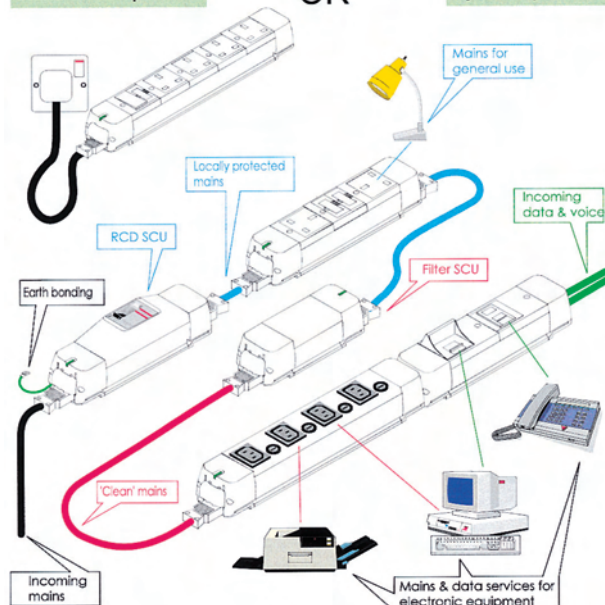
DB2000 Modular Distribution System

- Comprehensive range of interconnecting modules
- Mains Multiple Units (MMU), System Conditioning Units (SCU) Data Multiple Units (DMU)
- Comply to BS5733 and relevant clauses of BS6396 (up to 6 gang)
- Unique tough fully insulated aluminium construction
- Daisy chain capability using ST18 16A interconnection system
- Sliding and locker jumper retention system. Integral safety shutter
- Smart green neon indicator permits insulation safety tests in situ
- Screw terminal for external earth bonding
- Easy fitment with quick clip-on feet
- ASTA approved license No. 272
- Require connecting power lead or interconnecting lead
- Approved to German RWTUV

Stand alone operation

OR

System operation



Mains Multiple Units (MMU)

IEC320, French and German

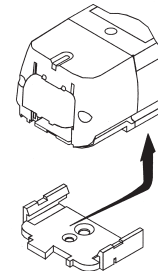


	Height	Width	Depth	Order Code	Working Voltage	240V
52	230	62	62	750-347	Max. system load	16A
52	230	62	62	750-359	Max. Load Per Socket	3.15A
52	430	62	62	750-360	Max. Load Per Socket	16A
52	530	62	62	750-372		

No. of Ways	Mfrs. List No.	Order Code	1+	5+	10+	25+
IEC320						
3	2004-403	750-347	107.86	99.70	95.27	84.90
5	2004-405	750-359	158.51	146.47	139.96	124.74
7	2004-407	750-360	208.94	193.11	184.54	164.45
9	2004-409	750-372	260.40	240.69	230.00	204.96

No. of Ways	Mfrs. List No.	Order Code	1+	5+	10+	25+
IEC320 French						
4	2002-004	972-265	98.13	90.75	86.61	77.26
6	2002-006	972-277	138.70	128.24	122.40	109.20
German						
4	2001-004	972-241	98.10	90.68	86.51	77.20
6	2001-006	972-253	138.67	128.18	122.33	109.14

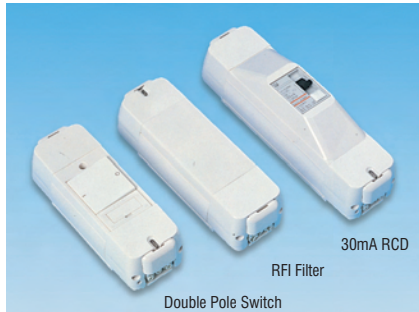
- Allows flexible configuration of system
- Variety of ST18 accessories available



209167

System Conditioning Unit (SCU)

Aphel



- Permits control/conditioning of mains power being fed to equipment
- Can be used as 'lump in the line' unit for direct equipment connection
- May be remotely mounted away from socket outlets

RCD SCU Unit

- Double pole, 30mA sensitivity
- Mechanically latched RCD to **BS4293**

Switch SCU Unit

- Double pole circuit break
- Integral **BS1362** fuseholder

Filter SCU Unit

- MOV transient suppression
- High performance RFI filtering

RCD

H = 70, W = 232, D = 61
Sensitivity 30mA
Mean Speed 30ms
Contact Breaker Double Pole
Max. Current 16A

Switch

H = 70, W = 176, D = 61
Rating 16A
Fusing 10A
Type Double Pole

Filter

H = 70, W = 194, D = 61
Max. Surge Current 6500A
Total Energy rating 115J
Response time <10ms
Attenuation 50dB typical
Max. Current 16A

209168

	Mfrs. List No.	Order Code	1+	5+	10+	25+
30mA RCD	2201-000	750-384	157.35	145.59	141.63	134.27
RFI Filter	2201-200	750-396	151.50	140.16	136.35	133.12
Double Pole Switch	2201-300	750-402	53.55	48.57	47.31	44.70

Accessories

wieland



4 Way Slimline/13A



L=250, W=55, D=25

- A compact, tamperproof, 4 way trailing socket
- Available in black or white, with 1m or 2m mains lead
- Fixing holes for wall mounting
- Total loading of 13 Amps
- Manufactured to **BS1363A**

Total Current Rating Housing

13A@ 250ac Polypropylene

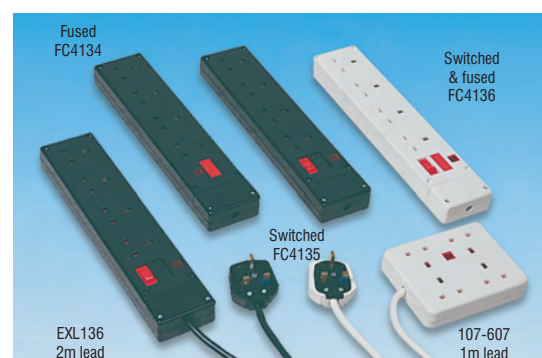
Contacts Plug

Phosphor Bronze Polyamid PA6

209199

Colour	Mfrs. List No.	Order Code	1+	5+	10+	25+
White						
1m, lead	Z24W1P	889-908 ◇	12.42	--	--	--
2m, lead	Z24W2P	889-910 ◇	12.04	11.00	9.60	8.50
Black						
1m, lead	Z24B1P	889-921 ◇	10.22	9.74	--	--
2m, lead	Z24B2P	889-933 ◇	12.04	11.00	9.60	8.50

◇ Fits UK 3 Pin Mains Socket



- All versions feature red 'mains-on' neon indicator
- Shuttered outlets
- Manufactured to **BS1363A**

*Fused at mains plug, all other options fused at distribution board

Fused	Fuse	Switch	Mains Lead and Plug	Removable Terminal Cover	Wall Mountable	Dimensions H W D	Mfrs. List No.
13A	-	-	-	-	-	31 315 67	FC4134B
Switched	-	Yes	-	Yes	Yes	31 315 67	FC4135B
Switched and fused	13A	Yes	-	Yes	Yes	31 315 67	FC4136B
Switched and 2m lead 1m lead	*13A	Yes	Yes	Yes	-	31 315 67	EXL136
	*13A	-	Yes	Yes	-	29 130 105	EXL4133W
Total current rating	13A@250Vac		Cover	FC4134			
Max load	3120W			FC4135/6, 107-607ABS Polycarbonate Solid brass			
			Contacts				

219689

Colour	Mfrs. List No.	Order Code	1+	5+	10+	25+
Unswitched and Fused without Lead						
Black	FC4134 BLK	313-592	26.97	25.17	24.14	22.79
White	FC4134 WHI	313-609	29.41	27.93	26.45	25.01
Switched without Lead						
Black	FC4135BLK	313-610	34.05	32.32	30.66	28.92
White	FC4135WHI	313-622	36.93	33.71	33.29	31.39
Switched and Fused without Lead						
Black	FC4136 BLK	313-634	39.66	37.69	35.79	33.77
White	FC4136 WHI	313-646	41.16	38.91	37.11	35.05
Switched with Fused Plug and 2m Lead						
Black	EXL136BLK	313-658 ◇	54.80	52.08	49.83	48.42
White	EXL136WHI	313-660 ◇	54.80	52.08	49.83	48.42

◇ Fits UK 3 Pin Mains Socket

4 Way Individually Switched 13A

(with 3 Metre Lead and Plug)



H=48,
W=296,
D=87

- Two twin-switched 13A socket construction
- Red 'mains-on' neon indicator
- Moulded on 13A plug to **BS1363A, 1984: ASTA** approved
- Cable retention provided with black nylon compression gland
- **ASTA** approved

Total current rating	13A@250Vac (fused)	Housing	Blue, glass reinforced polyester case
Max. load	3120W		Twin Socket polycarbonate
Mfrs. List No.	MB413C/SW		

209030

Order Code	1+	5+	Price Each	10+	25+	+
147-001 ◇	119.22	113.97	104.85	93.15	--	--

◇ Fits UK 3 Pin Mains Socket

6 Way Individually Switched 20A



H=53, W=527, D=89, Plug and cable not included

- Fitted with 6 switched 13A outlet sockets to **BS1363A: 1984**
- Red 'mains-on' neon indicator
- All insulated corrosion resistant base, earth bonded for maximum security

Total current rating	13A socket	Housing	Blue, glass reinforced polyester case
Max. load	20A max @ 250Vac		Single socket polycarbonate/ABS
Mfrs. List No.	4600W		

DB613/SW

209038

Stripbloc™ 5 and 6 Way IEC



IEC inlet

SCHURTER
ELECTRONIC COMPONENTS

- A range of European moat plug with multi-way outlets
- Black ABS moulding, incorporating **IEC320** components
- IEC320 components approvals: **BEAB/BSI, UL, CSA and VDE**
- Common housing for 5 and 6 way
- 5 way unit has red 'mains-on' neon indicator
- Panel mount version has 6.35mm push-on tabs

Trailing/wall mounted

5 and 6 way - 2m lead and plug
H=40, W=228, D=59
Fixing centres=200 x 44, 3.2 diaP

Current rating	6A @250Vac (fused) 10A @250Vac (non-fused)	Housing	Black ABS
Fuse (where fitted)	6.3A, 20x5 mm	Outlets	Black noryl, UL94V-0
Temperature range	-5°C to 60°C	Contacts	Brass, Nickel plated
Mfrs. List No.	R47404300=561-101 R47404300=561-101 R47404300=561-101	R47406000=269-190 R47404300=561-095 R47403600=439-277	

219693

	Order Code	1+	5+	Price Each	10+	50+	+	+
6 outlets	150-631	39.42	35.19	32.52	28.92	--	--	--
IEC Inlet								
5 outlets								
& illum. Switch	269-190	62.03	59.49	52.80	45.81	--	--	--
5 outlets, neon								
& fuse	147-722	62.09	55.95	54.42	46.86	--	--	--
2m Mains Lead								
5 outlets, neon & fuse								
& 13A plug	150-632 ◇	75.24	67.74	65.91	56.59	--	--	--
5 outlets, neon, fuse								
& 90° schuko plug	439-277 ◇	73.47	66.36	55.74	52.01	--	--	--
6 outlets & 13A plug	561-095 ◇	74.31	58.98	51.60	46.17	--	--	--
6 outlets								
& 90° schuko plug	561-101 ◇	67.20	59.79	48.96	41.76	--	--	--

◇ Fits UK 3 Pin Main Socket

'Quadbox' 4 way IEC



- Compact distribution module
- 4 IEC 320 Class I unshuttered outlets
- Surface mounting
- Uses separate cordset, worldwide market appeal
- Available in black or white
- Approvals, **UL & CSA**

H=37, W=147, D=44

Contact rating	10A @ 250Vac	Housing	Polyamide 6	UL94V-0
Temperature range	-20°C to 70°C	Contacts		Brass, Tin plated
Mfrs. List No.	47470000=112-5809	47470010=964-499		

219735

Colour	Order Code	1+	50+	Price Each	100+	250+	+	+
Black	112-5809 ●	31.16	26.65	22.24	18.68	--	--	--

Extension Leads – 2 Way

multicomp



Compliant
Non-compliant
Limited stock - RoHS replacement available
RoHS

A range of white, 2 gang extension leads with straight cable and oppositely arranged shuttered sockets. Suitable for home, office and light workshop use. Fully tested and manufactured to BS1363/A.

338688.261173

Description	Order Code	Price Each	
		1+	3+
13A/2m	507-8386	12.27	11.26
13A/3m	507-8398	14.56	13.08
13A/5m	507-8404	16.60	14.81
13A/10m	507-8416	22.43	20.12

10

Connectors - Power & Mains

Extension Leads

3-Way

multicomp



3 gang extension leads with shuttered sockets and neon indicators. Suitable for home, office and light workshop use. Rated at 13A and manufactured to BS1363/A.

338689.261178

Length	Order Code	Price Each	
		1+	3+
2m	507-8428	11.59	10.81
5m	507-8430	20.08	19.24

Mains Extension Leads

Portable and Heavy Duty

A range of extension reels by one of the worlds leading cable reel manufacturers.

- BS5733BSI kitemark
- CE marking
- Easy pull-out and wind-in feature
- Reels feature plugs and sockets to BS1363A and/or ASTA approval



209174

Portable 13A, 4 Socket (Quadro)



- Unique 4 socket reel
- Two tone red and black high impact polycarbonate moulding

Type	Load (max)		Thermal Cut-out	Fuse Supplied	Cable Size
	Unwound	Wound			
13A, 3m	2990W	1840W	N	13A	
13A, 10m	2990W	1150W	N	13A	

209177

Current Rating	Cable Length	Mftrs. List No.	Order Code	1+	5+	10+
13A	3m	600368	672-828 ◇	35.97	34.17	32.37
13A	10m	600209	672-830 ◇	66.33	63.00	59.70

◇ Fits UK 3 Pin Mains Socket

- Fast access to over 300,000 products
- Over 125,000 technical datasheets
- Technical attribute search
- Quick buy facility
- Instant order confirmation

www.farnell-newarkinson.com.sg

Portable/Heavy Duty 13A, 2 Socket



627-798



672-853 Heavy Duty

727-623 Empty Drum

- Red and Black high impact polycarbonate moulding
- Safety cut-out with push button reset on heavy duty reel
- Integral brake on handle prevents cable over run, heavy duty reel
- Empty drum may be used to house other types of cable

Type	Load (max)		Thermal Cut-out	Fuse Supplied	Cable Size
	Unwound	Wound			
13A, 9m	3120W	1440W	N	13A	
13A, 25m	3120W	1680W	Y	13A	
13A, 50m	3120W	960W	Y	13A	

209176

Current Rating	Cable Length	Mftrs. List No.	Order Code	1+	5+	10+
13A	9m	514215	672-798 ◇	56.73	54.03	52.37
13A	25m	516019	672-841 ◇	123.45	117.27	111.12
13A	50m	516219	672-853 ◇	163.95	148.20	140.43
Empty Drum		530235	727-623	93.61	88.93	85.93

◇ Fits UK 3 Pin Mains Socket

Heavy Duty 16A/110V



- Supplied with yellow cable
- Robust polycarbonate BS4343 IP44 connectors
- Ideal for contractors and maintenance engineers
- 25m has integral handle break

Type	Load		Cable Size	No. of Socket Outlets
	Unwound	Wound		
16A, 14m	1760W	1100W		4
16A, 20m	1760W	770W		2
16A, 25m	1760W	770W		2

209200

Current Rating	Cable Length	Mftrs. List No.	Order Code	1+	5+	10+
16A	14m	515136	865-242	173.55	156.24	147.54
16A	20m	515133	865-254	149.88	134.91	127.41
16A	25m	516057	865-266	173.55	164.94	156.30

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

Non UK, SCHUKO Style

multicomp



- VDE approved plugs and sockets
- 10m reel carries TUV/GS testing approval
- Safety cut-out with push button reset
- 40m reel has splash proof sockets, brake handle and neoprene sheath cable

Type	Unwound	Wound	Thermal	Cable Size
16A, 10m	3680W	1380W	Y	
16A, 40m	3520W	880W	Y	

209175

Current Rating	Cable Length	Mftrs. List No.	Order Code	1+	5+	10+
16A	10m	606828	672-865	57.57	54.69	53.20
16A	40m	600843	672-877	229.20	217.74	206.28

Cable Reels

multicomp



- Made in England
- Fitted with twin sockets
- Overload reset fitted on selected models
- All models conform to **BS5733, BS6500, BS4343**

Mftrs. List No.	Description
6015	Large PVC cassette 10M 240V 6A
7010	Standard PVC cassette with handle 10M 240V 6A
7035	Standard PVC cassette with handle 9M 110V 16A
8005	PVC drum cable reel with steel frame 25M 240V 13A
8025	PVC drum cable reel with steel frame 50M 240V 13A with overload cut-out
8035	PVC drum cable reel with steel frame 25M 240V 13A

209286

Mftrs. List No.	Order Code	1+	5+	10+
6015	307-3520 ◇	36.12	28.05	27.44
7035	307-3555	52.02	43.43	—
8005	307-3567 ◇	76.20	59.16	57.89
8025	307-3592 ◇	120.56	93.66	81.18
8035	307-3609 ◇	105.26	81.75	73.10

◇ Fits UK 3 Pin Mains Socket

Industrial BS4343



Features:

- Colour coded system for voltage identification: **110/130V - yellow, 220/250V - blue, 380/415V - red**
- Keyway coded for non-interchangeable between voltages
- Tough polycarbonate body
- Pin and sleeve carriers made from polyamide which offers excellent anti-tracking (insulating) properties
- Suitable for 50/60Hz operation
- **IP44/IP67** ratings
- Conforms to **BS4343 1992/BS EN60309-2 CEE17 IEC309**

209102

Free Plug Straight



528-080

528-122

528-158

Common features:

- Calibrated pin contacts
- Self seal cable entry
- Cable clamps to relieve stress on terminals

	528-080	528-092	528-110	528-122	528-134
L	95	109	95	109	113
Ø	58	66	58	66	78
L	111	111			
Ø	65	73			

209103

Contact Rating	I.P. Rating	Mftrs. List No.	Order Code	1+	5+	10+
110/130Vac Yellow 3 Pin 2 Pole + Earth						
16A	IP44	K9000YEL	528-080	11.86	11.40	10.91
16A	IP67	9023YEL	528-092	26.74	25.71	24.65
220/250Vac Blue 3 Pin 2 Pole + Earth						
16A	IP44	K9001BLU	528-110	13.32	12.78	12.26
16A	IP67	9024BLU	528-122	34.49	—	—
32A	IP44	9033BLU	528-134	23.87	22.92	21.96
380/415Vac Red 4 Pin 3 Pole + Earth						
16A	IP44	9007RED	528-158	15.84	—	—
380/415Vac Red 5 Pin 4 Pole + Neutral + Earth						
16A	IP44	9015RED	528-160	25.84	21.25	20.35

Free Sockets Straight



Common features:

Order Code	L	Dia.
427-9402	124	75
427-9414	124	75
427-9426	171	93
427-9438	150	85
427-9440	152	89

- Spring loaded covers to protect contacts when not in use
- Cable clamps to relieve stress on terminals
- Calibrated sleeve contacts

209104

Contact Rating	I.P. Rating	Mftrs. List No.	Order Code	1+	5+	10+
110/130Vac Yellow 3 Pin 2 Pole + Earth						
16A	IP44	K9100YEL	427-9402	17.27	16.56	15.92
220/250Vac Blue 3 Pin 2 Pole + Earth						
16A	IP44	K9101BLU	427-9414	18.55	17.78	17.05
32A	IP44	K9133BLU	427-9426	31.46	30.17	28.92
110/130Vac Red 4 Pin 3 Pole + Earth						
16A	IP44	K9107RED	427-9438	21.54	20.70	20.37
110/130Vac Red 5 Pin 3 Pole + Earth						
16A	IP44	K9115RED	427-9440	27.47	26.92	26.11

Industrial Connectors from



An Extensive Range of Industrial Plugs and Sockets which conforms to all the relevant standards: **BS 4343:1992, BSEN 60309-2, IEC 309** and **CEE 17**.

- Colour coded for Voltage Identification: Yellow=110 Volts (100-130V), Blue=230 Volts (200-250V), Red=400 Volts (380-415V)
- All moulded parts, except flexible grommets, are produced from high quality plastic material which is self-extinguishing and free from cadmium and halogen. High impact temperature of -25°C to +40°C and up to +50°C under load
- Each terminal fitted with two screws for extra safe and secure connection
- Terminal screws left friction fit in open position for speedy wiring
- Extended earth terminal for quick positive identification
- All free plugs and sockets come with internal strain relief for secure cable retention. Also moveable for ease of wiring
- All sockets fitted with spring loaded covers for added protection when not in use
- All Panel/Chassis mounting sockets come complete with gasket
- All 63 amp and 125 amp have additional matching pilot contact in accordance with the relevant standards

213788

10

Connectors - Power & Mains

Compliant
Non-compliant
Limited stock - RoHS replacement available

RoHS

Free Plugs, IP44
Straight

- Conforms to **BS4343, EN60309 1 & 2** and **CEE17**
- Long grommet clearly marked with cable diameter sizes for best fit

Voltage & Amps	Number of Poles	Mfrs. List No.	Order Code	1+	5+	10+	25+
110V, 16A	2P+E	210304	723-2100	7.98	7.19	6.77	5.97
230V, 16A	2P+E	210306	843-623	7.64	6.87	6.52	5.75
400V, 16A	3P+E	210406	723-2111	14.58	13.13	12.39	10.95
400V, 16A	3P+N+E	210	843-520	16.30	15.63	14.96	13.55
110V, 32A	2P+E	230304	715-9523	20.53	19.90	19.32	18.36
230V, 32A	2P+E	230306	716-0458	21.20	20.54	19.93	18.91
400V, 32A	3P+E	230406	716-1323	21.70	20.77	19.93	18.46
400V, 32A	3P+N+E	230	716-1785	22.66	21.86	21.12	19.90

Phase-Changeover Plug

Two of the phase-Pins are mounted on an insulated base which can be quickly and easily rotated to change motor direction thereby avoiding the time consuming necessity to re-wire the plug.

213789

Phase Changer	Poles	Mfrs. List No.	Order Code	1+	5+	10+	25+
400V, 16A	3P+N+E	210PH	843-660	50.91	45.84	43.27	38.20

Free Plugs, IP67
Straight

- Conforms to **BS4343, EN60309 1 & 2** and **CEE17**
- Fitted with locking ring and gasket
- Flared rear cable entry to reduce chafing

213790

Voltage & Amps	Poles	Mfrs. List No.	Order Code	1+	5+	10+	25+
110V, 16A	2P+E	219304	723-2123	23.87	21.51	20.29	17.88
240V, 16A	2P+E	219306	723-2135	23.87	21.51	20.29	17.88
415V, 16A	3P+E	219406	723-2147	33.89	30.53	28.83	25.39
415V, 16A	3P+N+E	219	723-2159	36.55	32.90	31.07	27.67
110V, 32A	2P+E	239304	723-2160	36.69	33.03	31.17	27.67
240V, 32A	2P+E	239306	723-2172	36.69	33.03	31.17	27.67
415V, 32A	3P+E	239406	723-2184	46.57	41.92	39.58	34.92
415V, 32A	3P+N+E	239	723-2196	49.90	44.94	42.44	37.43
230V, 63A	2P+E	269306	716-2674	72.61	70.81	69.24	66.51
400V, 63A	3P+E	269406	716-6345	64.93	63.37	61.95	59.55
400V, 63A	3P+N+E	269	716-6527	69.94	68.21	66.70	64.10
230V, 125A	2P+E	279036	716-6620	213.46	208.26	203.67	195.78
400V, 125A	3P+N+E	279	716-6758	242.68	236.77	231.57	222.58

Free Sockets, IP44
Straight

- Conforms to **BS4343, EN60309 1 & 2** and **CEE17**
- Fitted with spring loaded cover
- Long grommet clearly marked with cable diameter sizes for best fit

213791

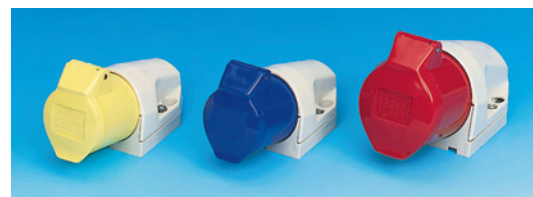
Voltage & Amps	Poles	Mfrs. List No.	Order Code	1+	5+	10+	25+
110V, 16A	2P+E	310304	723-2202	12.32	11.07	10.50	9.24
230V, 16A	2P+E	310306	843-647	12.99	11.68	11.04	9.76
400V, 16A	3P+E	310406	723-2214	19.67	17.69	16.72	14.77
400V, 16A	3P+N+E	310	843-532	19.37	18.55	17.75	16.05
110V, 32A	2P+E	330304	716-0082	25.54	24.78	24.11	22.92
230V, 32A	2P+E	330306	716-0630	26.00	25.20	24.49	23.30
400V, 32A	3P+E	330406	716-1440	28.88	27.99	27.22	25.87
400V, 32A	3P+N+E	330	716-2066	29.87	28.89	27.99	26.45

Free Sockets, IP67
Straight

- Conforms to **BS4343, EN60309 1 & 2** and **CEE17**
- Fitted with spring loaded cover, locking ring and cover

213792

Voltage & Amps	Poles	Mfrs. List No.	Order Code	1+	5+	10+	25+
110V, 16A	2P+E	319304	723-2226	30.71	27.64	26.10	23.05
240V, 16A	2P+E	319306	723-2238	30.71	27.64	26.10	23.05
415V, 16A	3P+E	319406	723-2240	33.89	30.53	28.83	25.39
415V, 16A	3P+N+E	319	723-2251	40.72	36.66	34.60	30.56
240V, 32A	2P+E	339306	723-2275	39.90	35.92	33.93	32.32
415V, 32A	3P+E	339406	723-2287	51.75	46.58	44.01	39.29
415V, 32A	3P+N+E	339	723-2299	58.42	52.58	49.69	46.27
230V, 63A	2P+E	369306	716-6321	82.63	80.41	78.48	75.11
400V, 63A	3P+E	369406	716-4001	83.96	81.82	79.93	76.69
400V, 63A	3P+N+E	369	716-6588	89.97	87.50	85.35	81.63
400V, 125A	3P+E	379406	716-6680	286.65	279.66	273.49	262.83
400V, 125A	3P+N+E	379	716-6801	300.14	292.85	286.43	275.74

Surface Sockets, IP44
Top Entry

- Conduit entry M20 on 16A units and M25 on 32A units
- Offset: approx. 15°

213795

Voltage & Amps	Poles	Mfrs. List No.	Order Code	1+	5+	10+	25+
110V, 16A	2P+E	110304	723-2366	17.53	15.79	14.89	13.16
230V, 16A	2P+E	110306	723-2378	17.53	15.79	14.89	13.16
400V, 16A	3P+E	110406	723-2380	21.67	19.48	18.43	16.24
400V, 16A	3P+N+E	110	723-2391	23.20	20.90	19.74	17.40
110V, 32A	2P+E	130304	716-0343	28.01	27.09	26.35	25.01
230V, 32A	2P+E	130306	716-1256	28.01	27.09	26.35	25.01
400V, 32A	3P+E	130406	716-1610	30.88	29.95	29.11	27.67
400V, 32A	3P+N+E	130	718-3227	33.35	32.39	31.52	30.01

Surface Sockets, IP67
Top and Bottom Entry

- Conduit entry PG16/21 on 16 and 32 amp, PG29 on 63 amp, PG36/42 on 125 amp

213796

Voltage & Amps	Poles	Mfrs. List No.	Order Code	1+	5+	10+	25+
110V, 16A	2P+E	119304	723-2408	41.40	37.27	35.18	31.04
240V, 16A	2P+E	119306	723-2410	41.40	37.27	35.18	31.04
415V, 16A	3P+E	119406	723-2421	50.74	45.68	43.14	38.07
415V, 16A	3P+N+E	119	723-2433	56.59	50.94	48.12	45.80
240V, 32A	2P+E	139306	723-2457	65.10	58.58	55.34	50.92

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

Voltage & Amps	Poles	Mfrs. List No.	Order Code	1+	5+	10+	25+
415V,32A	3P+N+E	139	723-2470	75.44	67.89	64.14	57.89
230V,63A	2P+E	169306	723-2482	100.95	90.88	85.80	80.25
400V,63A	3P+E	169406	716-6400	100.79	98.26	96.01	92.16
400V,63A	3P+N+E	169	716-6606	100.79	98.26	96.01	92.16
230V,125A	2P+E	179306	723-2494	358.24	322.41	304.50	285.98

Panel/Chassis Sockets

IP44



- Supplied complete with gasket
- Fixing centres: 16A 3 Pin=47 x 47, all others 60 x 60

213797

Voltage & Amps	Poles	Mfrs. List No.	Order Code	1+	5+	10+	25+
110V,16A	2P+E	410304	723-2500	12.65	11.40	10.75	9.47
230V,16A	2P+E	410306	723-2512	12.65	11.40	10.75	9.47
400V,16A	3P+E	410406	723-2524	21.53	19.39	18.30	16.15
400V,16A	3P+N+E	410	843-570	26.34	23.69	22.41	19.77
110V,32A	2P+E	430304	716-0203	24.33	23.56	22.89	21.73
230V,32A	2P+E	430306	716-1128	26.54	25.71	24.97	23.69
400V,32A	3P+E	430406	716-1505	26.68	25.87	25.17	23.98
400V,32A	3P+N+E	430	716-2390	30.88	29.95	29.11	27.67

Surface Appliance Inlets, IP44

Top Entry



- Conduit entry: 16A, 2P+E=PG13.5, 16A, 3P+E=32A ALL=PG21

213799

Voltage & Amps	Poles	Mfrs. List No.	Order Code	1+	5+	10+	25+
110V,16A	2P+E	610304	723-2573	23.20	20.90	19.74	17.40
230V,16A	2P+E	610306	723-2585	23.20	20.90	19.74	17.40
400V,16A	3P+E	610406	723-2597	24.20	21.80	20.58	18.51
400V,16A	3P+N+E	610	723-2603	26.54	23.91	22.57	19.95
110V,32A	2P+E	630304	723-2615	33.21	29.92	28.25	25.06
230V,32A	2P+E	630306	723-2627	33.21	29.92	28.25	25.06
400V,32A	3P+E	630406	723-2639	33.21	29.92	28.25	25.06
400V,32A	3P+N+E	630	723-2640	35.05	31.55	29.82	26.32

Low Voltage, Connectors, IP44

16A



- For use with power tools and handlamps where operating conditions require extra low voltage
- Conduit entry for surface socket: PG21
- Fixing centres for panel sockets: 41x41
- 20-25V, colour code purple
- Conforms to BSEN 60309-2 and BS 4343

213800

	Poles	Mfrs. List No.	Order Code	1+	5+	10+	25+
Free Plug	2	10280	723-2652	21.67	19.48	18.43	16.24
Free Plug	3	10290	723-2664	24.67	22.21	20.96	18.49
Free Socket	2	10380	723-2676	23.20	20.90	19.74	17.62
Free Socket	3	10390	723-2688	29.89	26.90	25.39	23.20
Surface Socket	2	10110	723-2690	31.32	28.17	26.65	23.50
Surface Socket	3	10150	723-2706	33.02	29.72	28.09	24.78
Panel Socket	2	10400	723-2718	21.67	19.48	18.43	16.24
Panel Socket	3	10440	723-2720	26.34	23.69	22.41	19.77

Switched Interlocked Sockets
IP44 and IP67

walther



- Supplied complete with PG - Metric adaptors where applicable
- Fully interlocked cannot be switched 'On' until correct plug is fully inserted
- Plug cannot be removed until the switch is in the 'Off' position
- Padlockable

213801

Voltage & Amps	Poles	Mfrs. List No.	Order Code	1+	5+	10+	25+
IP44							
110V,16A	2P+E	5312314	723-2731	166.76	150.10	141.75	129.97
230V,16A	2P+E	5312316	723-2743	166.76	150.10	141.75	129.97
400V,16A	3P+E	5312416	718-3367	192.12	186.53	181.65	173.18
400V,16A	3P+N+E	5312516	718-3392	199.34	194.14	189.58	181.69
110V,32A	2P+E	5312334	723-2755	214.50	193.05	182.34	160.89
230V,32A	2P+E	5312336	718-3586	230.96	225.18	221.33	211.76
400V,32A	3P+E	5312436	718-3598	247.01	240.30	234.39	224.22
400V,32A	3P+N+E	5312536	718-3604	256.32	249.80	244.09	234.20
IP67							
110V,16A	2P+E	5313314	723-2767	214.91	193.43	182.68	170.89
230V,16A	2P+E	5313316	723-2779	214.91	193.43	182.68	170.89
400V,16A	3P+E	5313416	723-2780	220.21	198.19	187.18	174.38
400V,16A	3P+N+E	5313516	723-2792	230.96	207.88	196.32	183.68
230V,32A	2P+E	5313336	723-2809	242.68	218.41	206.27	192.98
400V,32A	3P+E	5313436	723-2810	253.43	228.10	215.42	202.28
400V,32A	3P+N+E	5313536	723-2822	260.97	234.88	221.84	206.93
IP67							
230V,63A	2P+E	5313366	723-2834	512.00	460.80	445.45	435.64
400V,63A	3P+E	5313466	716-6515	417.30	406.71	397.40	381.32
400V,63A	3P+N+E	5313566	716-6618	441.38	430.46	420.86	404.30

Wall mounted Combination Units

RCD, Non-Switched

walther



- Supplied with 30mA/40ms rated R.C.D. Expansion space available for Din-Rail mounted components MCB's etc. as required

213803

Amps	Outlets	IP Rating	Mfrs. List No.	Order Code	1+	5+	10+	25+
230V,2P+E								
16	Single	44	6512316R	723-2950	247.50	222.75	210.39	204.37
16	Double	44	6222316R1	723-2962	272.85	245.58	232.27	--
32	Single	44	6512336R	723-2974	272.85	245.58	232.27	--
400V,3P+E								
16	Single	44	6512416R	723-3000	311.85	280.68	265.08	264.82
400V,3P+N+E								
16	Single	44	6512516R	723-3036	310.80	279.72	264.18	263.89
32	Single	44	6512536R	723-3048	331.65	298.50	281.91	281.33

3 Way Long Plastic Box

IP44

walther



- 16A, 2P+E, complete with 2m cable, plug and handle

10

Connectors - Power & Mains

Compliant
Non-compliant
RoHS

Limited stock - RoHS replacement available

213805

Voltage	Mfrs. List No.	Order Code	1+	5+	10+	25+
110V	6532314P2	723-3085	202.20	181.97	171.86	162.52
230V	6532316P2	723-3097	202.20	181.97	171.86	162.52
110V+ 25A, 2P, RCD	6532314P2R	723-3103	419.85	377.88	356.88	342.64
230V+ 25A, 2P, RCD	6532316PR	723-3115	419.85	377.88	356.88	342.64

Quick Connect - BS4343

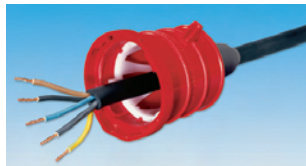
Quick Connect System

Quick Connect
 CEE Norm U.K. Ltd


Step 1 - Insert Cable



Step 3 - "Click" bared wires into terminals



Step 2 - Strip Cable



Step 4 - Twist and lock connector body

An innovative new range of Industrial Plugs and Sockets from Ceenorm. Quick-Connect defines a new standard of time saving screwless connection design. Quick-Connect provides:

Connecting with Quick Connect is a simple 4 Step operation

- Screwdriver free connection
- Maintenance free
- Approval to BS4343 IEC309
- Colour coded voltage identification
- Corrosion protected terminals
- Shock and vibration resistant
- 50% faster termination than screwed alternatives

232807

16A, 415V 3P+N+Earth

Quick Connect

Quick Connect
 CEE Norm U.K. Ltd


232776

Description	Mfrs. List No.	Order Code	1+	10+	25+	50+
Plug	212001	121-2794	22.37	17.88	15.22	13.23
Connector	312001	121-2796	28.22	22.57	19.20	16.69
Surface Socket	112001	121-2797	30.05	24.04	20.42	17.75

32A, 240V 2P+Earth

Quick Connect

Quick Connect
 CEE Norm U.K. Ltd


232778

Description	Mfrs. List No.	Order Code	1+	10+	25+	50+
Plug	210096	121-2798	27.38	23.27	18.62	16.18
Connector	31882	121-2799	31.39	26.68	21.35	18.55
Panel Socket	13703	121-2800	31.04	26.42	21.09	18.36
Surface Socket	11949	121-2802	33.06	28.12	25.26	22.76

Mains Leads

UK Plug to Bare Ends

multicomp


Moulded 3-pin UK mains plugs to stripped, bare ends. The plugs have integral 5A or 13A fuses and are manufactured from 0.75mm² or 1.0mm² approved cable respectively.

NEW

383403.261298

Description	Order Code	1+	Price Each	3+
5A, 0.75mm² Cable				
Black - 2m	871-9446	4.20		3.78
White - 2m	871-9454	4.20		3.78
13A, 1.0mm² Cable				
Black - 2m	871-9462	4.39		4.26
White - 2m	871-9470	4.39		4.26

UK Plug Mains Lead

multicomp


- UK plug to Open end
- 13Amp fully moulded plug
- 3-core (1.50mm²)
- Available in 2m, 3m or 5m lengths
- Black or White cable

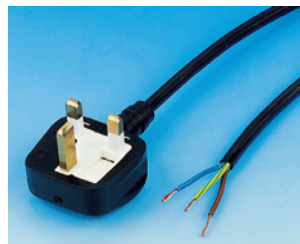
NEW

383396.275051

Description	Order Code	1+	Price Each	3+
2m Black	871-9365	6.90		6.77
2m White	871-9373	6.90		6.77
3m Black	871-9381	8.30		7.97
3m White	871-9390	8.30		7.97
5m Black	871-9403	12.27		11.78
5m White	871-9411	12.27		11.78

13A Plug to Bared Ends, 2m/3m

5A & 13A Cable, Black or White

Volex


Manufactured to **ASTA, BS1363A, 1984**, available in either black or white.

Warning:
The free cable end has stripped conductors and therefore should not be used by untrained personnel.

Cable length=2m or 3m, Diameter=6.9-7.2, Free end stripped=40, Conductors bared=10

Cable capacity 6A @ 250V ac (), 13A @ 250V ac () to **BASEC BS6500**
Fuse supplied 5A & 13A in accordance with **BS, ASTA** and **BEAB** requirements, fuse interchangeable

209345

	Order Code	1+	10+	50+	100+	+	+
5A white 2m	143-993	9.00	8.19	7.89	6.39	--	--
5A white 2m	112-4370	9.00	8.19	7.89	6.39	--	--
5A black 2m	143-994	9.00	8.19	7.89	7.26	--	--
5A black 2m	112-4371	9.00	8.19	7.89	7.26	--	--
5A black 3m	439-289	11.41	10.62	9.30	7.86	--	--
5A black 3m	112-4397	11.41	10.62	9.30	7.86	--	--
13A white 2m	150-707	10.53	9.48	9.12	8.37	--	--
13A white 2m	112-4372	10.53	9.48	9.12	8.37	--	--
13A black 2m	150-708	10.53	9.48	9.12	8.37	--	--
13A black 2m	112-4373	10.53	9.48	9.12	8.37	--	--
13A black 3m	439-290	13.34	12.48	10.95	9.33	--	--
13A black 3m	112-4398	13.34	12.48	10.95	9.33	--	--

◇ Fits UK 3 Pin Mains Socket

2 Pin to 13A Plug, 2m

Figure '8' Connector

Volex


Hole centres=8.6, Body length=51
Cable length=2m

Cable capacity 2.5A @ 250V ac oval mains cord
Fuse supplied 13A (interchangeable)

Cable and connector housings Plug contacts Socket contacts

Black pvc Brass Phosphor Bronze

209331

Order Code	1+	25+	Price Each	50+	100+	+	+
299-960	12.39	11.46	9.24	7.89	--	--	--
112-4388	12.39	11.46	9.24	7.89	--	--	--

◇ Fits UK 3 Pin Mains Socket

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

13A Plug Lead, 2m/3m

Black, Grey or White



Body length=65 (straight) 45 (right angle),
Cable length=2m or 3m

Current rating	10A @ 250V ac	Cable and connector housings	PVC
Fuse supplied	13A (interchangeable)	Plug contacts	Brass
		Socket contacts	Phosphor Bronze

Warning: The fuse supplied is designed to protect the cord set only. The appliance should be protected separately.

Mfrs. List No. 352780, = 152-575, Z356244 = 439-307, 355565 = 285-626, Z356246 = 439-319
352781 = 152-576,

219734

X-152576A = 112-4374, X-439307A = 112-4399, X-285626A = 112-4382, X-439319A = 112-4400

Colour	Order Code	Price Each					
		1+	25+	50+	100+	+	+
Straight							
Black 2m	152-575 ◇	18.38	16.11	14.67	9.75	--	--
White 2m	152-576 ▲ ◇	14.32	13.35	12.75	12.06	--	--
White 2m	112-4374 ◇	14.32	13.35	12.75	12.06	--	--
Grey 2m	285-626 ▲ ◇	14.85	14.01	13.26	11.73	--	--
Grey 2m	112-4382 ◇	14.85	14.01	13.26	11.73	--	--
Black 3m	439-307 ▲ ◇	17.60	16.26	14.25	12.06	--	--
Black 3m	112-4399 ◇	17.60	16.26	14.25	12.06	--	--
White 3m	439-319 ▲ ◇	17.60	16.26	14.25	12.06	--	--
White 3m	112-4400 ◇	17.60	16.26	14.25	12.06	--	--
Black 2m	112-4383 ◇	14.85	14.01	13.26	10.44	--	--
White 2m	112-4384 ◇	14.32	13.35	12.75	11.10	--	--

◇ Fits UK 3 Pin Mains Socket

Coiled 13A Plug Lead



- Spiroflex coiled 1mm² cable, extends to 2.5 metres
- Plug fitted with a 13A fuse and manufactured to **ASTA BS1363A**
- 10A cold condition socket approved by **BSI**

Warning:
The fuse supplied is designed to protect the cord set only. The appliance should be protected separately.

Mfrs. List No. 355737 = 299-959,

Body length=67, Cable length=2.5m (extended)

Current rating	10A @ 250V ac	Cable and connector housings	Black PVC
Fuse supplied	13A (interchangeable)	Plug contacts	Brass
		Socket contacts	Phosphor Bronze

209095

Order Code	1+	25+	Price Each			
			50+	100+	+	+
299-959 ▲ ◇	33.45	28.80	23.88	18.99	--	--

◇ Fits UK 3 Pin Mains Socket

Economy UK to IEC Mains Lead -2m



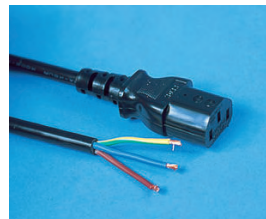
Low cost mains leads terminating in UK plugs and IEC cold condition plugs. The leads are rated at 5A. UK plugs are fused and BS approved.

NEW

383390.261312

Description	Order Code	Price Each			
		1+	3+	+	+
Black - 2m	871-9357 ▲	3.61	3.52		

IEC Socket to Bare Ends - 5A



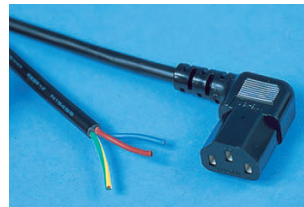
Moulded 10A IEC 320 cold condition sockets to stripped, bare ends. Manufactured from 0.75mm² cable for equipment up to 5A.
Note: Subject to design change.

NEW

383398.261299

Description	Order Code	Price Each			
		1+	3+	+	+
Black - 2m	871-9420 ▲	4.52	4.30		
Grey - 2m	871-9438 ▲	5.05	4.78		

Right Angled IEC Socket to Bare Ends - 10A



Moulded right angled 10A IEC 320 cold condition sockets to stripped, bare ends. Manufactured from 1mm² cable for equipment up to 10A.
Note: Subject to design change.

NEW

383408.261302

Description	Order Code	Price Each			
		1+	3+	+	+
Black - 2m	871-9489 ▲	4.85	4.65		
White - 2m	871-9497 ▲	5.79	5.66		

IEC Socket to Bared Ends, 2/2.5m



- Non-rewireable straight and right angled free sockets
- 2m or 3m cable, 3 core 0.75mm² or 1.0mm² stripped and bared PVC cable
- Lead meets **BS4491.EN60.320**
- Approved to **BSI, VDE, IMQ, SEMKO, NEMKO,**

Body length=77 straight, 51 right angle,
Cable diameter=6.7-7.0
Free end stripped=38, Conductors bared=6.5-9.5

Cable capacity	2m - 10A @ 250V ac () 2.5m - 10A @ 250V ac ()	Housing	Black Polycarbonate
Socket rating	10A @ 250V ac	Cable	Black PVC, BS6500, UL94V-0
		Contacts	Phosphor Bronze
		Temperature range	-40°C to +70°C

Mfrs. List No. Black: PZ0x00/y00, White: QZ0x00/y00/WHI
where x = 1m straight or 2m right angle and y = length

209184

Colour	Length	Order Code	Price Each					
			1+	50+	100+	250+	+	+
Straight								
Black 2m	148-701 ‡	8.39	7.56	7.29	4.86	--	--	--
Black 2m	999-6931 ●	8.39	7.56	7.29	4.86	--	--	--
White 2m	469-660 ‡	8.39	7.56	7.29	4.86	--	--	--
White 2m	999-7130 ●	8.39	7.56	7.29	4.86	--	--	--
Black 2.5m	209-235 ‡	9.11	7.62	7.17	4.68	--	--	--
Black 2.5m	999-7024 ●	9.11	7.62	7.17	4.68	--	--	--
Right Angle								
Black 2m	148-702 ‡	9.17	8.43	8.10	4.86	--	--	--
Black 2m	999-6940 ●	9.17	8.43	8.10	4.86	--	--	--
White 2m	469-671 ‡	9.58	8.70	6.66	4.35	--	--	--
White 2m	999-7148 ●	9.58	8.70	6.66	4.35	--	--	--
Black 2.5m	209-247 ‡	9.95	8.91	7.83	5.13	--	--	--
Black 2.5m	999-7032 ●	9.95	8.91	7.83	5.13	--	--	--

IEC Socket to Bared Ends, 3.5m - Pencon

Black or Grey



- Straight and right angle free sockets, meets European standard **BS4491, EN60.320.**
- 3.5m/1.0mm² cable is approved to **BASEC BS6500**
- 10A free socket approved to **BSI, VDE, NF-USE, OVE, CEBEG, NEMKO, DEMKO, SEMKO, SETI, IMQ, SEV and KEMA-KEUR**

Body length=65

Body length=45

Compliant
Non-compliant
Limited stock - RoHS replacement available
RoHS

Cable length=3.5m, Diameter=6.9-7.2,
Free end stripped=40, Conductors bared=10
Current 10A @ 250V ac Cable and connector housings Black PVC
rating
Contacts Phosphor Bronze
Mfrs. List No. 352783 = 152-578, 355567 = 285-651, 355566 = 285-614

209196

Colour	Order Code	1+	50+	100+	250+	+	+
Straight							
Black	152-578▲	11.79	10.08	8.49	6.78	--	--
Black	112-4378●	11.79	10.08	8.49	6.78	--	--
Grey	285-651▲	11.89	10.20	8.49	6.81	--	--
Grey	112-4385●	11.89	10.20	8.49	6.81	--	--
Right Angle							
Black	285-614▲	12.39	10.68	8.97	7.17	--	--
Black	112-4381●	12.39	10.68	8.97	7.17	--	--

Mfrs. List No. X-152578A = 112-4378,
X-285651A = 112-4385,
X-285614A = 112-4381

2.5A Class 1



- Non-rewireable 2.5A Class 1 connector
- Black H03VV-F 3 x 0.75mm sq cable
- IEC C5/25AC5 available with UK GB13A4 plug and European ES16S plug
- Approved to BS4491/IEC320/EN60320
- Each connector undergoes 7 electrical tests
- Overall length 2M

Operating voltage 250V ac
Current rating 2.5A
Insulation resistance >10MΩ

Body PVC
Terminals Brass, Tin plated



209289

Description	Mfrs. List No.	Order Code	1+	25+	50+	100+	+	+
UK Plug	Z360065	307-6374▲	13.04	12.54	11.55	9.15	--	--
UK Plug	X-3076374A	112-4391●	13.04	12.54	11.55	9.15	--	--
European Plug	Z360066	307-6386▲	9.64	9.27	8.52	6.48	--	--
European Plug	X-3076386A	112-4392●	9.64	9.27	8.52	6.48	--	--

IEC to UK Mains Lead
Cold Condition

- UK mains lead terminating with a 13A plug with 5A fitted fuse, and a cold condition IEC plug
- 2m Lead rated at 5A
- VDE approved cable
- Available in black and white

232595

Colour	Order Code	1+	25+	50+	100+
White	389-3121	3.28	2.79	2.55	2.33
Black	389-3133	3.31	2.82	2.68	--

UK Plug to 2 x IEC Sockets
Y Power Lead

- Ideal for use with computers where it will allow the monitor and base unit to be powered by a single mains connection
- Lead is 2m to the 'Y' junction, with 500mm arms
- 10A Rated

232597

Colour	Order Code	1+	25+	50+	100+
Black	389-3170	7.92	7.14	6.33	6.09

IEC Shrouded Plug to Socket Lead

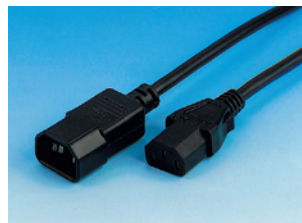


- IEC shrouded plug to IEC shrouded socket
- Available in black in 1 & 2m lengths

232596

Length	Order Code	1+	25+	50+
1m	121-1417●	2.31	2.08	1.81
2m	121-1418●	3.45	2.86	2.54

Extension Lead, 2m



- High quality non-rewireable extension lead, meets European standard BS4491.EN60.320
- Two metres of 1.00mm² cable approved to BASEC BS6500
- 10A socket approved to VDE, SEV

Socket length=65, Plug length=77
Cable length=2m Diameter=6.9-7.2

Current rating 10A @ 250V ac
Cable and connector housings Black PVC
Male contacts Brass
Female contacts Phosphor bronze

209217

Order Code	1+	25+	50+	100+	+	+
152-577▲	14.63	13.56	12.63	10.20	--	--
112-4375●	14.63	13.56	12.63	10.20	--	--

International Mains Leads

Europe, 'Schuko', 2.5m



Cable length=2.5m, Diameter=6.9-7.2
Free end stripped=40, Conductors bared=10

Current rating 10A @ 250V
Cable and Connector housings Black PVC
Plug contacts Brass, nickel plated
Socket Contacts Phosphor Bronze

219691

Order Code	1+	25+	50+	100+	+	+
IEC socket 210-699▲	12.76	11.52	10.65	9.81	--	--
IEC socket 112-4379●	12.76	11.52	10.65	9.81	--	--
Bared ends 285-663▲	9.92	9.00	8.37	7.23	--	--
Bared ends 112-4386●	9.92	9.00	8.37	7.23	--	--

North America, 2m



Cable length = 2m, Diameter = 6.6mm - 6.9mm

Current rating 10A @ 125V
Cable and Connector housings Black PVC
Plug contacts Brass, Nickel plated
Socket Contacts Phosphor Bronze

219690

- Non-rewireable lead suitable for use in USA and Canada
- Plug, UL498 recognised and CSA 22.2 No.42
- 2 metres of light duty 18 AWG SVT cable
- Available with or without IEC socket

Order Code	Price Each					
	1+	25+	50+	100+	+	+
Plug to IEC Socket						
210-705▲	13.70	12.96	12.30	11.67	--	--
112-4380●	13.70	12.96	12.30	11.67	--	--
Plug to Bare Ends						
420-3045▲	11.01	10.38	9.87	9.36	--	--
112-4393●	11.01	10.38	9.87	9.36	--	--

Australia, 2.5m



Cable length=2.5m, Diameter=6.9-7.2
Mfrs. List No. 355360 = 428796, X-428796A = 1124394

Current rating 10A @ 250V
Cable and Connector housings Black PVC

A non-rewireable lead for use in Australia, New Zealand, Fiji, Papua New Guinea and ROC. The plug complies with **AS3112-1990** and **NZSS198-1967**. Two and a half metres of 1.0mm² cable to harmonised code **H05VV-F** interconnect the moulded plug and 10A IEC free socket. The socket is approved to **NEMKO, NF-USE, DEMKO, CECEC, BSI, IMQ, VDE, SEV, KEMA-KEUR, FI, OVE, and SEMKO**.



Order Code	Price Each					
	1+	25+	50+	100+	+	+
428-796▲	17.94	15.15	12.33	9.51	--	--
112-4394●	17.94	15.15	12.33	9.51	--	--

IEC Free Sockets

Rewireable Free Sockets

Black and White



H=18.4, W=26.4
D=78.3 (inc. sleeve)



H=18.4,
W=65 (inc sleeve)
D=51.9

- Rewireable, line socket style connectors, complies with **BS4491**
- Internal screw terminations and strain relief
- Approvals: **UL, CSA, VDE, IMQ**

NEW

Contact rating 10A @ 250V

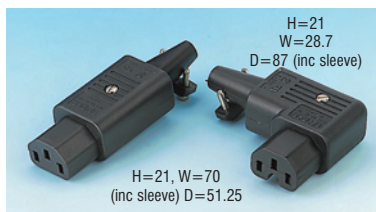
Housing Contacts

Nylon UL94V-0
Brass, Nickel platedMfrs. List No: PX0587 = 117-2509
PX0587/SE = 117-2510PX0587/WH = 117-2511
PX0587/SE/WH = 117-2512

249537

	Order Code	Price Each			
		1+	50+	100+	250+
Black					
Straight	117-2509●	6.08	5.55	5.36	4.40
Right angle	117-2510●	5.94	5.39	5.20	4.24
White					
Straight	NEW 117-2511●	5.63	5.21	5.01	4.72
Right angle	NEW 117-2512●	5.21	4.85	4.62	4.36

Rewireable Free Sockets



Contact rating 10A @ 250V

Housing Contacts

Black nylon UL94V-0
Brass, Nickel plated

Mfrs. List No: 4782 = 112-5810 4785 = 112-5811 4781.01 = 112-5804 4784.01 = 112-5805

219732



- Pillar terminals for reliable and speedy wiring
- Integral moulded cable clamp
- Captive threaded screws
- Interlocking front faces for ease of assembly
- Straight and right angled versions
- Approvals, **BSI, VDE, CSA & UL Recognised**

	Order Code	Price Each					
		1+	50+	100+	250+	+	+
Straight	112-5810●	5.02	4.29	3.58	3.01	--	--
Right Angle	112-5811●	5.86	5.02	4.19	3.51	--	--
Straight Hot Condition							
Right Angled	112-5804●	4.45	3.81	3.18	2.67	--	--
Hot Condition	112-5805●	5.02	4.29	3.58	3.01	--	--

Rewireable Side Entry Free Socket



Contact rating 10A @ 250V

Mfrs. List No. PX0588

Housing Contacts Black nylon, UL94V-0
Brass, Nickel plated

H=70.4, W=27.4, D=38.2

219704

Order Code	Price Each					
	1+	50+	100+	250+	+	+
439-265▲	7.74	5.87	4.88	4.12	--	--
117-2514●	7.74	5.87	4.88	4.12	--	--

Rewireable Free Socket 16A



- Rewireable, line socket style connector
- Internal screw terminations and strain relief
- Approvals **VDE, SEMKO**

Current rating 16A
Voltage 250Vac

219744

Mfrs. List No.	Order Code	Price Each			
		1+	50+	100+	250+
4795.0000	117-0114●	11.43	9.78	8.16	

Mains Connector
20A - High Power

- IEC320 C19 rewireable connector
- Wire Sizes (max) 3 x 2.5mm², 3 x 12AWG
- Overall cable diameter up to 12mm
- **CSA and VDE approvals**
- **UL Recognised**

Current rating Europe, 16A @ 250V
Current rating North America 20A @ 250V
Op Temp Range -40°C TO + 70°CMouldings Approvals Nylon UL94V-0
UL CSA VDE + IMQ Pending
Mating connector PX0596, PX0598
Accessories Retaining Kit KT0012

248293

Mfrs. List No.	Order Code	Price Each			
		1+	25+	100+	250+
PX0599.	428-6029▲‡	9.69	7.25	6.29	
PX0599	999-7369●	9.69	7.25	6.29	

Figure '8' Inlets

'CMF' Power Entry Module



350-6794



350-6782



964-712

- Space saving figure '8' power entry module
- PCB mounting with screw facility
- Integral on/off switch
- Ideal for consumer portable electrical appliances
- Approvals, **VDE, SEV, SEMKO, CSA** and **UL Recognised**

Mfrs. List No. Mfrs. List No.
 CMF1.1111.12 = 120-7682
 CMF2.1111.12 = 350-6782
 CMF3.1012.12 = 120-7678

Contact rating 2.5A @ 250Vac Housing Black thermoplastic UL94V-0 219737

Order Code	1+	10+	50+	100+	+	+
120-7682	16.47	14.94	13.93	13.05	--	--

IEC Inlets

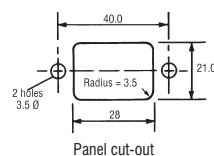
IEC Inlets and Outlets
6100/6600 Series

- Screw or snap in versions
- Screw mount from front or rear
- Panel thickness 1.5mm snap in
- Protection Class 1
- 6.3 x 0.8 Tab Terminals
- Pin Temperature 70 °C
- Outlets comply to EN 60320-2-2/F & IEC 60320-2-2/F
- Inlets comply to EN 60320-1/C14 & IEC 60320-1/C14
- Approvals **VDE, CSA, SEV, OVE, SEMKO**
- **UL Recognised**

Outlet Panel Cut Out 24.8mm x 32.5mm
 Inlet Panel Cut Out 20.0mm x 27.5mm
 Contact rating 10A
 Voltage rating 250V AC
 Insulation resistance 10 $\geq$ M Ω
 Dielectric strength Housing 2000V AC
 Thermoplastic UL94V-0 236890

Mfrs. List No.	Order Code	1+	10+	50+	100+
Outlet - Screw Mounting					
6600.3300..	307-7020	2.49	2.01	1.65	1.41
6600.3300	965-7029	2.85	2.44	2.04	1.71
Outlet - Snap In					
6600.4315..	307-7032	2.49	2.01	1.65	1.46
Inlet - Screw Mounting					
6100.3300..	307-6982	1.59	1.29	1.05	0.91
Inlet - Snap In					
6100.4315	952-3855	1.73	1.48	1.23	1.04

Flange Fixing - Flat Face



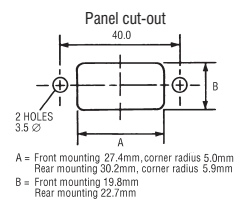
Panel cut-out

Conform to CEE22 and BS4491.

Contact rating 10A @ 250V
 Temperature rating 105°C max.
 Housing Black noryl, UL94V-0
 Contacts Brass, Nickel plated
 Terminations 6.35 x 0.8mm fast-on

Mfrs. List No. 520-0000-95 219692

5 Per Pack Order Code	1+	20+	50+	100+	+
240-412	15.35	15.09	14.86	13.67	--
110-1137	15.35	15.09	14.86	13.67	--

Flange Fixing
Black and White

A front or rear panel mounting mains inlet connector approved to **BS.4491.EN60.320**.
 Approvals **CSA, VDE, BS, SEMKO, IMQ**, and **UL Recognised**.

Contact rating 10A @ 250Vac Housing Nylon, UL94V-0
 Terminations 2.8 or 6.35 x 0.8mm fast-on

Mfrs. List No: PX0580/28 = 313-737 PX0580/63 = 313-749 PX0580/63/WH = 428-5967 249539

Termination Size	Order Code	1+	50+	100+	250+
Black					
2.8mm	313-737	3.24	2.66	2.28	1.54
6.35mm	313-749	3.32	3.03	2.86	2.70
White					
6.35mm	NEW 428-5967	3.29	2.99	2.86	2.70

Snap Fit



- Provides a quick and easy installation option for **BS.4491.EN60.320** style connectors
- Front mounting only
- Approvals: **BSI, IMQ, CSA, VDE**, and **UL Recognised**,

Panel cut-out=27.4 x 19.8, 1.5mm panel thickness

Contact rating 10A @ 250Vac Housing Black, glass filled nylon UL94V-0
 Temperature range -40°C to +70°C Contacts Brass, Nickel plated
 Terminations Fast-on

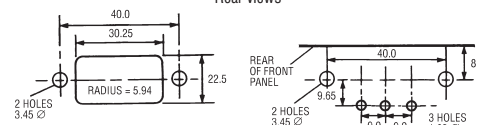
Mfrs. List No: PX0575/15/28 = 313-762 PX0575/15/63 = 469-658 219743

Termination Size	Order Code	1+	50+	100+	250+	+
2.8mm	313-762	3.64	2.38	1.93	1.48	--
6.35mm	469-658	3.04	2.21	1.70	1.51	--

PCB Mounting



Rear views



Panel cut-out

PCB drilling pattern

A right angle PCB mounting inlet manufactured to **BS4491.EN60.320** requirements, available with or without insulation cover. Approved to **BSI, VDE, CSA, SEMKO, IMQ** and **UL Recognised**

Contact rating 10A @ 250Vac Housing Black nylon UL94V-0
 Temperature range -40°C to +70°C Contacts Brass, Nickel plated

Mfrs. List No: PX0580/PC = 313-853 PX0580/PC/12132 = 209-259 209304

	Order Code	1+	50+	100+	250+	+
Without cover	313-853	2.87	2.28	2.15	1.96	--
With cover	209-259	4.72	3.34	2.57	2.01	--

IEC Power Entry Module



KEB 1 - Screw Mount



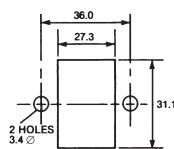
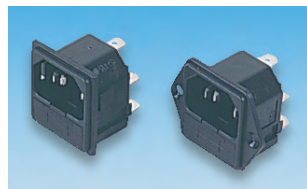
- Screw mount - front or rear
- Inlet Protection Class 1
- On/Off switch 1 pole, Red illumination
- Terminals - Quick connect, 4.8 x 0.8mm
- Pin temp 70°C
- Approvals **SEV, VDE, SEMKO, CSA** and **UL Recognised**
- Complies to EN 60320-1 IEC 60320-1/C14

Housing Thermoplastic
 Current rating 10A @ 250V
 Panel Cut out 27.5mm x 31.5mm 236887

Mfrs. List No.	Order Code	1+	10+	50+	100+	+
KEB43020101	845-176	15.15	13.68	12.15	9.81	--

Fused Inlets

20 x 5mm Fuse Drawer, Snap Fit or Flange Fixing



Panel cut-out.
For snap fit ignore screw fixing hole
(1.5mm panel thickness)

- Panel mounting combination mains inlet/fuseholders
- Complies with **BS4491.EN60.320**
- Fuse draw protected to **PC2, IEC127/6** and incorporates a working 20 x 5mm fuse plus a spare
- Approvals: **CSA, VDE, IMQ, SEMKO** and **UL Recognised**

Contact rating	10A @ 250Vac fused	Terminations	6.35 x 0.8mm
Housing/Screw mount	Black nylon	Fuseholder	20 x 5mm
Snap fit	Brass		

Mfrs. List No: PF0011/15/63 = 313-877 PF0001/63 = 145-358

219750

	Order Code	1+	50+	100+	250+	+
Snap Fit	313-877	4.98	4.17	3.53	2.57	--
Flange Fit	145-358	5.24	4.78	4.65	4.27	--

Power Entry Module

6200 Series - Medical Grade



- Screw mounting, 2 x M3
- Shock safe 1 pole fuseholder, 5 x 20mm
- Plug removal necessary for fuse link replacement
- Protection Class 1, Pin Temp 70°C
- Complies to **IEC 60320-1 & EN 6032-1 C14/C15**
- 4.8 x 0.8mm or 6.3 x 0.8mm terminals
- Approvals: **SEV, VDE, SEMKO, CSA, OVE** and **UL Recognised**

Panel cut out 27.5mm x 30.5mm
Depth behind front panel 23.5mm

Contact rating	10A	Contact rating	10A
Voltage rating	250V ac	Temperature range	-25°C/70°C To +
Contact resistance	5mΩ	Housing material	Thermoplastic UL94-V0

236892

Mfrs. List No.	Terminals	Order Code	1+	10+	50+	100+
6200.2200..	4.8 x 0.8	307-6891	4.92	3.27	2.76	2.51
6200.2200	4.8 x 0.8	965-7010	5.28	4.51	3.77	3.16
6200.2300..	6.3 x 0.8	307-6908	4.92	3.27	2.76	2.46

Switched and Fused Inlet

20 x 5mm Fuse Drawer



- Snap-fit, panel mount combination, **IEC320**
- Mains inlet/fuseholder/switch, separately terminated
- Double pole on/off rocker switch
- Appliance inlet approved to **SEV, DEMKO, NEMKO** and **KE-MA-KEUR**

Panel cut-outs

Panel Thickness	Height	Width
0.15 - 1.0	60.8	27.2
1.5	61	27.2
1.5	61.5	27.2

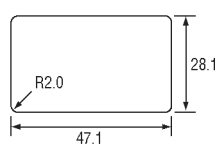
Contact rating	6A @ 250Vac	Contacts	Brass
Housing	Black nylon	Fuseholder	20mm x 5mm

219752

Mfrs. List	Order Code	1+	50+	200+	500+
L2723/BLACK	313-889	23.57	18.97	16.96	14.52

Switched and Fused Inlets

20 x 5mm Fuse Draw



Panel Cut-out

- Snap-fit module IEC inlet/fuseholder/switch
- Individual termination, gives flexibility of interconnection
- DPST rocker switch
- Approvals: **SEV, SEMKO, DEMKO, FIMKO, NEMKO, CSA** and **UL Recognised**

Contact rating	10A @ 250Vac	Contacts	Brass, Tin plated
Temperature range	0°C to +85°C	Fuseholders	20mm x 5mm
Housing	Nylon 6.6 UL94V-2	Terminations	4.8 x 0.8mm push-on 2.8 x 0.8mm push-on (switch)

Mfrs. List No: T0717SBAAA = 964-463

209210

Order Code	1+	50+	100+	250+	+
964-463	8.22	6.90	5.68	4.56	--

Switched and Fused 'Polysnap' Combinations



Single Pole Switched H=39.1, W=62.7 Cut out: H=34.4, W=60.3	Double Pole Switched H=39.1, W=74.5 Cut out: H=34.4, W=72.0	Fused Inlet/Outlet H=39.1, W=79.5 Cut out: H=34.4, W=76.5
---	---	---

- Horizontally mounted fused and/or switched inlets
- Snap-fit fixing for 1, 1.5, 2 and 3mm panel thicknesses
- Fused drawer protected to **PC2, IEC127/6**
- Approvals include: **CSA, VDE, SEMKO, IMQ, SEV** and **UL Recognised**

Current rating	10A, 250V	Fuseholder	20mm x 5mm
----------------	-----------	------------	------------

209009

Mfrs. List No.	Order Code	1+	50+	100+	250+
Single Pole, Switched					
Non illuminated	BZH01/Z0000/01	561-228	9.21	7.67	6.52
Red illuminated	BZH01/Z0000/02	561-230	11.86	9.89	8.31
Red illuminated	BZH01/Z0000/02	999-7229	11.86	9.89	8.31
Double Pole, Switched					
Non illuminated	BZH01/Z0000/10	561-241	11.25	9.37	7.90
Red illuminated	BZH01/Z0000/11	561-253	13.56	11.33	9.53
Red illuminated	BZH01/Z0000/11	999-7237	13.56	11.33	9.53
Fused Inlet/Outlet	BZH11/Z0000/00	561-265	9.84	8.19	6.93

Switched 'Polysnap' Mini-Bezel



Single Pole, Non illuminated H=24, W=48.5 Cut-out: H=21.3, W=45.9	Single Pole, illuminated H=24, W=48.5 Cut-out: H=21.3, W=45.9	Double Pole, illuminated H=24, W=57.5 Cut-out: H=21.3, W=54.9
---	---	---

- Horizontally mounted switched mains inlets
- Snap fit fixing for 1.5mm panel thickness
- Approvals include: **BSI, VDE, IMQ, SEMKO, CSA**, and **UL Recognised**

Current rating	10A, 250V
----------------	-----------

209063

Mfrs. List No.	Order Code	1+	50+	100+	250+
Single Pole					
Non illuminated	BZM27/Z0000/53B	561-162	6.24	5.23	4.37
Red illuminated	BZM27/Z0000/55B	561-174	9.35	7.77	6.58
Red illuminated	BZM27/Z0000/55B	999-7180	9.35	7.77	6.58
Green illuminated	BZM27/Z0000/61B	561-204	11.65	9.76	8.22
Green illuminated	BZM27/Z0000/61B	999-7202	11.65	9.76	8.22
Double Pole					
Non illuminated	BZM27/Z0000/57B	561-186	8.38	7.00	5.91
Red illuminated	BZM27/Z0000/59B	561-198	11.72	9.82	8.28
Red illuminated	BZM27/Z0000/59B	999-7199	11.72	9.82	8.28
Green illuminated	BZM27/Z0000/63B	561-216	14.85	12.42	10.50
Green illuminated	BZM27/Z0000/63B	999-7210	14.85	12.42	10.50

Polyflange IEC Inlets

Switched and Fused Polyflange Combinations



- Flange mounted switched and fused IEC inlets
- Fuse drawer projected to **PC2, IEC 127/6**
- Approvals: **CSA, VDE, IMQ, SEMKO** and **UL Recognised**

Vertical Flange
H(SP)=67.5, H(DP)=81.5, W=36.0
Cut Out: H(SP)=53.2, H(DP)=66.3, W=33.0

Horizontal Flange
H(SP)=59.0, H(DP)=72.3, W=49.3
Cut Out: H(SP)=53.2, H(DP)=66.3, W=33.0

Compliant
Non-compliant
Limited stock - RoHS replacement available
RoHS

Current rating 10A, 250V Fuseholder 5 x 20mm

227481

	Mfrs. List No.	Order Code	1+	50+	100+	250+
Vertical Flange						
SP Non illuminated	BVA01/Z0000/01	313-6152 ●	8.52	7.13	6.10	5.26
SP Red illuminated	BVA01/Z0000/02	313-6164 ▲	10.98	9.15	7.86	6.77
SP Red illuminated	BVA01/Z0000/02	999-7300 ●	10.98	9.15	7.86	6.77
DP Non illuminated	BVA01/Z0000/10	313-6176 ●	10.41	8.67	7.48	6.42
DP Red illuminated	BVA01/Z0000/11	313-6188 ▲	12.55	10.46	8.99	7.74
DP Red illuminated	BVA01/Z0000/11	999-7318 ●	12.55	10.46	8.99	7.74
Horizontal Flange						
SP Non illuminated	BVB01/Z0000/01	313-6190 ▲	8.52	7.13	6.10	5.26
SP Red illuminated	BVB01/Z0000/02	313-6206 ▲	10.98	9.15	7.86	6.77
SP Red illuminated	BVB01/Z0000/02	999-7326 ●	10.98	9.15	7.86	6.77
DP Non illuminated	BVB01/Z0000/10	313-6218 ▲	10.41	8.67	7.48	6.42
DP Red illuminated	BVB01/Z0000/11	313-6220 ▲	12.55	10.46	8.99	7.74
DP Red illuminated	BVB01/Z0000/11	999-7334 ●	12.55	10.46	8.99	7.74

Switched and Fused Inlets



Cut-out 'A'

Switched or fused/voltage selector or twin fused
151-746, 150-030, 150-032
Panel cut-out H=48.4,
W=34.4, Thickness=1.5 to 3
Depth behind panel=38

Cut-out 'B'

Single fuse switched
148-329, 150-031
Panel cut-out H=56.6,
W=34.4, Thickness=1.5 to 3
Depth behind panel=25.4z

Cut-out 'C'

Twin fused switched
151-747, 148-330, 150-029
Panel cut-out H=76.5,
W=34.4, Thickness=1.5 to 3
Depth behind panel=38

- Snap-fit, panel mount combination, fused inlet sockets
- Each item individually terminated for flexibility of interconnection
- Twin DPST switched fuse version allows switching and fusing of live and neutral
- Manufactured to **IEC320/CEE22** and **BS4491**
- Fuse drawer/fuseholder protected to **PC2, IEC127/6**
- Approvals: **CSA, VDE, SEMKO** and **UL Recognised**

Overall current rating	10A @ 250Vac	Housing Terminations	Black nylon 6.35 x 0.8mm/2.8 x 05mm
Mfrs. List No:	BZ03001 = 151-746 BZ01002 = 148-329 BZ03006 = 148-330 BZ03014 = 150-030 BZ01001 = 150-031 BZ03009 = 150-029	BZ03004 = 150-032 BZ03005 = 151-747 BZV01/Z0000/02 = 999-6915 BZV03/Z0000/06 = 999-6923 BZV03/Z0000/09 = 999-6990	

219753

Switch	Fuse	Neon	Order Code	1+	50+	100+	250+	+
Style 'A'								
Switched								
SPST	—	—	151-746 ●	10.69	8.92	7.58	4.19	—
Fused/Voltage Selector								
120/240V	Single	—	150-030 ●	17.30	14.44	12.23	9.34	—
Twin Fused								
—	Twin	—	150-032 ●	12.29	11.62	10.46	7.39	—
Style 'B'								
Single Fused Switched								
SPST	Single	Red	148-329 ▲	13.35	12.45	11.68	7.75	—
SPST	Single	Red	999-6915 ●	13.35	12.45	11.68	7.75	—
SPST	Single	—	150-031 ●	9.21	8.31	7.64	5.34	—
Style 'C'								
Twin Fused Switched								
DPST	Twin	—	151-747 ●	17.29	16.60	15.05	12.36	—
DPST	Twin	Red	148-330 ▲	19.32	18.62	17.08	11.81	—
DPST	Twin	Red	999-6923 ●	19.32	18.62	17.08	11.81	—
DPST	Twin	Green	150-029 ▲	23.53	19.65	16.60	12.69	—
DPST	Twin	Green	999-6990 ●	23.53	19.65	16.60	12.69	—

Switched and Fused Inlet
Voltage selection

- Fused and switched inlet, with voltage selection, 240/120 Vac
- Suitable for panel thickness 1, 1.5, 2 & 3mm
- Fuseholder protected to **PC2, IEC127/6**
- Approvals, **VDE, SEMKO**, and **CSA**

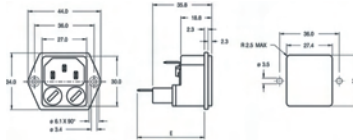
Current rating 10A @ 250Vac
Contacts Brass, Nickel plated
Housing Black Nylon
Fuseholder 20mm x 5mm
Mfrs. List No. BZV03/Z0000/15

209225

Order Code	1+	50+	100+	250+	+	+
964-566 ●	20.63	17.24	14.80	12.23	—	—

Power Entry Module
Series 4707

- Panel Mount : Screw on version, Front or rear mounting
- Appliance inlet, Fuse holder takes fuse size 5 x 20 mm



Voltage Rating
Current Rating
Terminals
Fuseholder

250V
10A
Solder or quick connect 6.35x0.8
1- or 2-pole, Shocksafe category PC2

333928

Description	Mfrs list No.	Order Code	1+	10+	25+	50+
1pol. Quick connect	4707.1000.	472-4999	20.12	18.20	16.60	15.75
1pol. Solder joint	4707.1300.	472-5001 ●	22.30	20.15	18.39	17.45
2pol. Quick connect	4707.2000.	117-6781 ●	18.87	16.14	13.47	11.31
2pol. Solder joint	4707.2300.	472-5025	22.30	20.15	18.39	17.45
2pol. Solder joint	4707.2300.	117-6782 ●	22.30	20.15	18.39	17.45

Flange Fixing 16A



- **IEC 320 C20** chassis plug
- 6.3mm blade terminals on rear for push on receptacles or soldering
- Approvals **VDE, CSA**, and **UL Recognised**

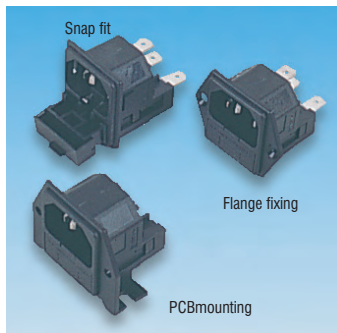
Current rating 16A
Voltage 250Vac
Housing PBT
Contacts Brass, pre-tinned
Terminations 6.3 x 0.8mm

219749

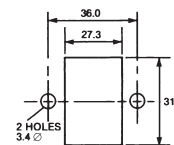
Mfrs. List No.	Order Code	1+	50+	100+	250+	+
4798.9	113-7752 ●	1.35	1.15	0.96	0.81	—

Twin Fused Inlets

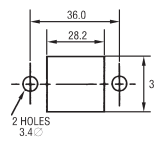
Twin 20 x 5mm Fuse Drawer



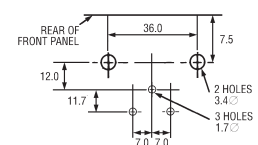
- Each inlet has integral fuse drawer, protected to **PC2, IEC127/6**
- Manufactured to **BS4491, EN60.320** requirements and conforms to European Safety Standards **EN60.950, IEC1010-1** and **IEC601**
- **IEC601** and **BS5724 Part 1** require mandatory fitting of twin fuse protection to medical equipment
- **IEC1010-1** and **EN60.950** recommend use of twin fusing for laboratory and 'IT' equipment
- Approvals: **VDE, CSA, IMQ, SEMKO** and **UL Recognised**



Panel cut-out.
For snap fit ignore screw fixing hole
(1.5mm panel thickness)



Panel cut-out (pcb)



PCBdrilling pattern

Contact rating 10A @ 250Vac fused
Temperature -20°C to +70°C
Max dissipation per fuse 2.5W
Mfrs. List No: PF0033/15/63 = 428-760PF0030/63 = 428-772PF0030/PC = 428-784

219699

	Order Code	1+	10+	100+	250+
Snap fit	428-760	8.91	7.16	5.59	4.21
Flange fixing	428-772	7.98	7.00	5.36	4.04
PCB mounting	428-784	9.21	7.32	5.87	4.33

IEC Plug Filters

Power Entry Modules
KM Series - Ultra Compact

- Ultra compact connector module
- Protection Class 1, 70°C
- Snap In - Front Mount
- IEC Inlet, fuseholder, switch.
- With or without EMC shield
- Quick connect terminals. 4.8 x 0.8
- Fusedrawer must be ordered separately
- VDE, CSA Approved and UL Recognised

Voltage rating	250V ac @ 50/60 Hz	Voltage rating	250V ac @ 50/60 Hz
Contact rating	10A	Housing	Thermoplastic UL94V-0
I P rating	IP 40	Panel Thickness	1.0 - 2.5mm
Housing	Thermoplastic UL94V-0	Panel Cut Out	With EMC 28.8 x 47.8mm
Temperature range	-25°C To 70°C		W/O EMC 28.0 x 47.0mm
Test voltage	2.5 KV Between L+N		

Module	Switch	Fuseholder	EMC Shielding	Order code
KM00.1205.11	2- Pole	1-Pole	Without	965-7037
KM01.1205.11	2- Pole	1-Pole	With	1162778
KM00.1105.11	2- Pole	2-Pole	Without	1162776
KM01.1105.11	2- Pole	2-Pole	With	1162777

1 Pole				
4301.1405	Standard			1162738
4301.1407	Extra safe - Medical Grade			1162739
2 Pole				
4301.1401	Standard			845-190
4301.1403	Extra safe - Medical Grade			1162737

236888

Mfrs. List No.	Order Code	1+	50+	100+	250+
KM00.1205.11	965-7037	16.83	14.40	12.02	10.09
KM01.1205.11	116-2778	20.96	17.92	14.96	12.56
KM00.1105.11	116-2776	18.37	15.71	13.11	11.01
KM01.1105.11	116-2777	22.81	19.50	16.28	13.67
1 Pole Fuseholders					
4301.1405	116-2738	2.89	2.47	2.06	1.73
4301.1407	116-2739	3.16	2.71	2.26	1.90
2 Pole fuse holders					
4301.1401..	845-190	3.18	2.82	2.61	2.25
4301.1403	116-2737	3.60	3.08	2.57	2.16

Panel Mounting, Switched and Fused
FN28... Series

Vertical Mount Version Horizontal Mount Version Snap-In Mount Version

- IEC950 mains filter which is both switched and fused
- Easy access fuse drawer for one or two fuses (5x20mm)

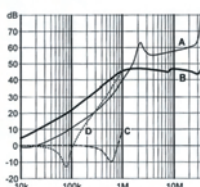
Voltage rating	250V @ 50/60Hz
Capacitance	X=220nF, Y=2.2nF

Dimensions include mounting holes

Current Rating	Dimensions	Panel Cut-Out	Fuses	Mfrs. List No.	Order Code
(A)	H W D				
1	82 32 43.1	60.829.3	1	FN281-1/06	326-5122
2	82 32 43.1	60.829.3	1	FN281-2/06	326-5134
4	82 32 43.1	60.829.3	1	FN281-4/06	326-5146
6	82 32 43.1	60.829.3	1	FN281-6/06	326-5160
1	82 32 43.1	60.829.3	2	FN282-1/06	326-5158
2	82 32 43.1	60.829.3	2	FN282-2/06	326-5171
4	82 32 43.1	60.829.3	2	FN282-4/06	326-5183



2 amp types

FN281 & FN282 - Vertical mounting screw version
FN283 & FN284 - Horizontal mounting screw version
FN285 & FN286 - Snap-in version

- Suitable for large range of industrial and laboratory applications
- Approved to VDE, SEV and SEMKO
- UL and CSA recognised

Leakage current 190µA

6	82	32	43.1	60.829.3	2	FN282-6/06	326-5195
1	65	50	43.1	60.829.3	1	FN283-1/06	326-5201
2	65	50	43.1	60.829.3	1	FN283-2/06	326-5213
4	65	50	43.1	60.829.3	1	FN283-4/06	326-5225
6	65	50	43.1	60.829.3	1	FN283-6/06	326-5237
1	65	50	43.1	29.329.3	2	FN284-1/06	326-5249
2	65	50	43.1	60.829.3	2	FN284-2/06	326-5250
4	65	50	43.1	60.829.3	2	FN284-4/06	326-5262
6	65	50	43.1	60.829.3	2	FN284-6/06	326-5274
1	65	32	43.6	61.629.3	1	FN285-1/06	326-5286
2	65	32	43.6	61.629.3	1	FN285-2/06	326-5298
4	65	32	43.6	61.629.3	1	FN285-4/06	326-5304
6	65	32	43.6	61.629.3	1	FN285-6/06	326-5316
2	65	32	43.6	61.629.3	2	FN286-2/06	326-5330
4	65	32	43.6	61.629.3	2	FN286-4/06	326-5341
6	65	32	43.6	61.629.3	2	FN286-6/06	326-5353

Dimensions include mounting holes

Current Rating	Dimensions	Panel Cut-Out	Fuses	Mfrs. List No.	Order Code
(A)	H W D				
1	82 32 43.1	60.829.3	1	FN281-1/06	110-4572
2	82 32 43.1	60.829.3	1	FN281-2/06	110-4574
4	82 32 43.1	60.829.3	1	FN281-4/06	110-4575
6	82 32 43.1	60.829.3	1	FN281-6/06	110-4576
1	82 32 43.1	60.829.3	2	FN282-1/06	110-4577
2	82 32 43.1	60.829.3	2	FN282-2/06	110-4578
4	82 32 43.1	60.829.3	2	FN282-4/06	110-4579
6	82 32 43.1	60.829.3	2	FN282-6/06	110-4580
1	65 50 43.1	60.829.3	1	FN283-1/06	110-4581
2	65 50 43.1	60.829.3	1	FN283-2/06	110-4582
4	65 50 43.1	60.829.3	1	FN283-4/06	110-4583
6	65 50 43.1	60.829.3	1	FN283-6/06	110-4584
1	65 50 43.1	29.329.3	2	FN284-1/06	110-4586
2	65 50 43.1	60.829.3	2	FN284-2/06	110-4587
4	65 50 43.1	60.829.3	2	FN284-4/06	110-4588
6	65 50 43.1	60.829.3	2	FN284-6/06	110-4589
1	65 32 43.6	61.629.3	1	FN285-1/06	110-4590
2	65 32 43.6	61.629.3	1	FN285-2/06	110-4591
4	65 32 43.6	61.629.3	1	FN285-4/06	110-4592
6	65 32 43.6	61.629.3	1	FN285-6/06	110-4593
2	65 32 43.6	61.629.3	2	FN286-2/06	110-4594
4	65 32 43.6	61.629.3	2	FN286-4/06	110-4595
6	65 32 43.6	61.629.3	2	FN286-6/06	110-4596

209303

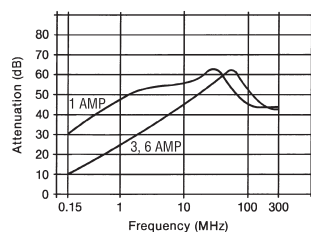
Current Rating (A)	Order Code	1+	5+	50+	100+
FN281 Series. Vertical Mounting. Single Fuse.					
1	326-5122	62.26	51.44	43.12	38.81
1	110-4572	62.26	51.44	43.12	38.81
2	326-5134	62.26	51.44	43.12	38.81
2	110-4574	62.26	51.44	43.12	38.81
4	326-5146	62.26	51.44	43.12	38.81
4	110-4575	62.26	51.44	43.12	38.81
6	326-5158	62.26	51.44	43.12	38.81
6	110-4576	62.26	51.44	43.12	38.81
FN282 Series. Vertical Mounting. Double Fuse.					
1	326-5160	67.66	55.85	46.81	42.21
1	110-4577	67.66	55.85	46.81	42.21
2	326-5171	67.66	55.85	46.81	42.21
2	110-4578	67.66	55.85	46.81	42.21
4	326-5183	67.66	55.85	46.81	42.21
4	110-4579	67.66	55.85	46.81	42.21
6	326-5195	67.66	55.85	46.81	42.21
6	110-4580	67.66	55.85	46.81	42.21
FN283 Series. Horizontal Mounting. Single Fuse.					
1	326-5201	62.26	51.44	43.12	38.81
1	110-4581	62.26	51.44	43.12	38.81
2	326-5213	62.26	51.44	43.12	38.81
2	110-4582	62.26	51.44	43.12	38.81
4	326-5225	62.26	51.44	43.12	38.81
4	110-4583	62.26	51.44	43.12	38.81
6	326-5237	62.26	51.44	43.12	38.81
6	110-4584	62.26	51.44	43.12	38.81
FN284 Series. Horizontal Mounting. Double Fuse.					
1	326-5249	68.72	56.70	47.56	42.87
1	110-4586	68.72	56.70	47.56	42.87
2	326-5250	68.72	56.70	47.56	42.87
2	110-4587	68.72	56.70	47.56	42.87
4	326-5262	68.72	56.70	47.56	42.87
4	110-4588	68.72	56.70	47.56	42.87
6	326-5274	68.72	56.70	47.56	42.87
6	110-4589	68.72	56.70	47.56	42.87
FN285 Series. Snap-In. Single Fuse.					
1	326-5286	62.26	51.44	43.12	38.81
1	110-4590	62.26	51.44	43.12	38.81
2	326-5298	62.26	51.44	43.12	38.81
2	110-4591	62.26	51.44	43.12	38.81
4	326-5304	62.26	51.44	43.12	38.81
4	110-4592	62.26	51.44	43.12	38.81
6	326-5316	62.26	51.44	43.12	38.81
6	110-4593	62.26	51.44	43.12	38.81
FN286 Series. Snap-In. Double Fuse.					
2	326-5330	67.66	55.85	46.81	42.21
2	110-4594	67.66	55.85	46.81	42.21
4	326-5341	67.66	55.85	46.81	42.21
4	110-4595	67.66	55.85	46.81	42.21
6	326-5353	67.66	55.85	46.81	42.21
6	110-4596	67.66	55.85	46.81	42.21

Compliant
Non-compliant
RoHS
Limited stock - RoHS replacement available

Panel Mounting, Short Can



Panel cut out=28.5 x 21.5
Depth behind panel=48
Fixing centres=40, Tabs=6.3 x 0.8



- Compact high performance IEC320 panel mounting filter
- Designed for applications where space behind the panel is at a premium
- Approved to VDE, SEV, SEMKO, DEMKO, FI, CSA and UL Recognised
- Designed to meet IEC950.

Voltage rating 250V @ 0 to 400Hz Inductance 2.8mH(1A), 0.75mH (3A),
Earth leakage current 2 x 0.21mA 0.3mH(6A)
Capacitors 0.047μF (X) + 2 x 2200pF (Y) Operating temperature -25°C to +85°C

Mfrs. List No: FN323-1/05. = 237-292
FN323-1/05 = 110-4549
FN323-3/05. = 453-717
FN323-3/05 = 110-4554
FN323-6/05. = 237-309
FN323-6/05 = 110-4551

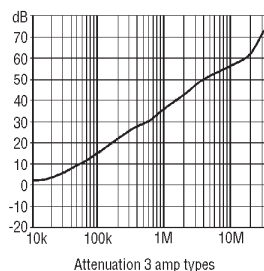
220483

Rating	Order Code	1+	10+	50+	100+
1A	237-292	30.18	26.15	21.99	18.87
1A	110-4549	30.18	26.15	21.99	18.87
3A	453-717	30.18	26.15	21.99	18.87
3A	110-4554	30.18	26.15	21.99	18.87
6A	237-309	30.18	26.15	21.99	18.87
6A	110-4551	30.18	26.15	21.99	18.87

Panel Mounting, General Purpose



Panel cut out=28.5 x 21.5, FC=40,
Tabs 6.3 x 0.8
Depth behind panel=34.4 + Tabs



- General purpose IEC inlet filter
- Good performance
- IEC 950 Compliant

Voltage rating 250V @ 0-400Hz
Capacitance Cx=47nF Cy=2 x 2.2nF
Inductance 1A=2.8mH
3A=0.75mH
6A=0.3mH
10A=0.13mH

- UL Recognised, VDE, CSA, SEV and SEMKO approved
- Max. leakage current/phase 190μA
Operating temperature range -25°C to +85°C

220475

Rating	Mfrs. List No.	Order Code	1+	5+	25+	50+	+	+
1A	FN9223-1/06	968-407	20.56	16.03	14.46	11.49	--	--
3A	FN9223-3/06	968-419	20.56	16.03	14.46	11.43	--	--
6A	FN9223-6/06	968-420	20.56	16.03	14.46	11.43	--	--
10A	FN9223-10/06	968-432	20.56	16.03	14.46	11.43	--	--

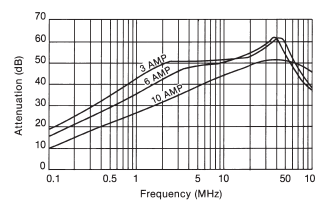
Panel Mounting



Panel cut-out=28.5x21. Fixing centres=40
Depth behind panel: 3/6A=51, 10A=60.5

- Complies with IEC320, BS4491 and designed to protect sensitive electronic equipment against mains borne interference.
- Approved to VDE, SEMKO, CSA and UL Recognised.

BULGIN



Voltage rating 250V @ 50 to 400Hz
Earth leakage current ≤ @
Capacitors 1 x 0.015μF (X)
+ 2 x 2200pF (Y)
Inductance 2 x 1.8mH (3A),
2 x mH (6A),
2 x 0.35mH (10A)
Operating temperature -40°C to +70°C

Mfrs. List No: PS0320/3AMP/28 = 149-874 PS00/A0320/6300 = 999-7040
PS00/A0320/2800 = 999-6958 PS0620/6AMP/63 = 149-885
PS0620/6AMP/28 = 149-875 PS00/A0620/6300 = 999-6974
PS00/A0620/2800 = 999-6966 PS00/A1020/6300 = 149-886
PS0620/3AMP/63. = 248-411 PS00/A1020/6300 = 999-6982

220485

Rating	Order Code	1+	10+	Price Each	25+	100+	+
3A	999-6958	35.99	27.48	21.27	14.04	--	--
6A	999-6966	35.99	27.48	21.27	14.04	--	--
6.3 0.8mm Tabs							
3A	248-411	32.65	25.89	21.06	14.04	--	--
3A	999-7040	32.65	25.89	21.06	14.04	--	--
6A	149-885	32.65	25.89	21.06	14.04	--	--
6A	999-6974	32.65	25.89	21.06	14.04	--	--
10A	149-886	37.32	29.01	23.61	15.72	--	--
10A	999-6982	37.32	29.01	23.61	15.72	--	--

IEC Power Inlet Filter

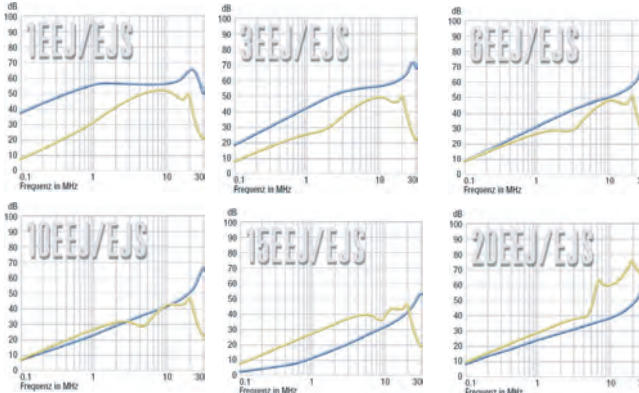
EEJ Series: Enhanced Performance

tyco Electronics corcom



NEW

1-15 Amp H = 24.38, W = 51.76, D = 54.61,
20 Amp H = 29.99, W = 53.00, D = 79.38



- Horizontal flange mount
- Enhanced performance for for more attenuation
- Extended metal flange around the socket for improved high frequency EMI shielding
- 20 amp version uses IEC 320/C20 inlet
- Applications for the 20 amp version include high current power supplies and computing equipment which consist of work stations, base stations and servers etc.
- UL Recognised, VDE Approved and CSA Certified

Temperature Range -10 to 40°C Operating Voltage 250V
Operating Frequency 50/60 Hz
Test voltage (1 minute) Line -to-ground 2250 VAC
Test voltage (1 minute) Line -to-Line 1450 VDC
Leakage current Line -to-ground 0.38mA

411353

Mfrs. List No.	Rating	Order Code	1+	5+	25+	50+
1EEJ1	1A	958-6270	40.43	31.44	26.53	19.82
3EEJ1	3A	958-6288	40.43	31.44	26.53	19.82
6EEJ1	6A	958-6296	40.43	31.44	26.53	19.82
10EEJ1	10A	958-6300	40.43	31.44	26.53	19.82
15EEJ1	15A	958-6318	40.43	31.44	26.53	19.82
20EEJ1	20A	958-6326	40.43	31.44	26.53	19.82

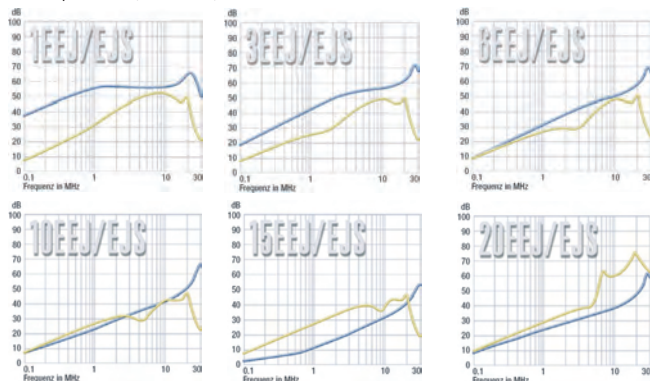
Enhanced Performance Snap-in IEC Filter EJS Series: Enhanced Performance

tyco Electronics corcom

NEW



1-15 Amp H = 24.38, W = 51.76, D = 54.61
20 Amp H = 29.99, W = 53.00, D = 79.38



- Snap-in
- Enhanced performance for more attenuation
- Extended metal flange around the socket for improved high frequency EMI shielding
- 20 amp version uses IEC 320/C20 inlet
- Applications for the 20 amp version include high current power supplies and computing equipment which consist of work stations, base stations and servers etc.
- **UL Recognised, VDE Approved and CSA Certified**

Temperature Range	-10 to 40°C	Operating Voltage	250V
		Operating Frequency	50/60 Hz
Test voltage (1 minute)	Line -to-ground	1500 VAC	
Test voltage (1 minute)	Line -to-Line	1450 VDC	
Leakage current	Line -to-ground	0.38mA	

411357

Mfrs. List No.	Rating	Order Code	1+	5+	25+	50+
1EJS1	1A	958-6334	42.48	33.17	29.00	24.41
3EJS1	3A	958-6342	42.48	33.17	29.00	24.41
6EJS1	6A	958-6350	42.48	33.17	29.00	24.41
10EJS1	10A	958-6369	42.48	33.17	29.00	24.41
15EJS1	15A	958-6377	42.48	33.17	29.00	24.41
20EJS1	20A	958-6385	42.48	33.17	29.00	24.41

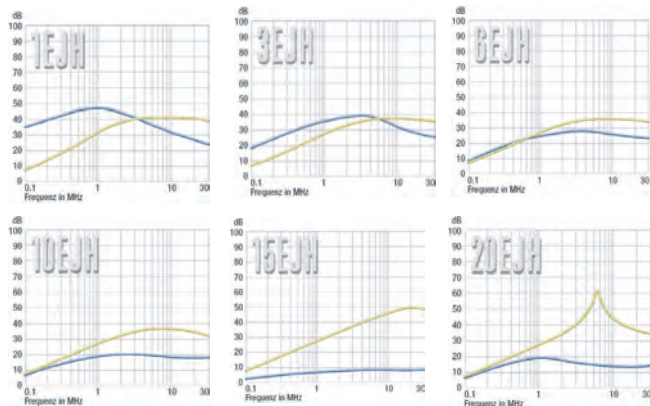
Enhanced Performance Compact Medical Filter EJH Series

tyco Electronics corcom

NEW



1-15 Amp H = 24.38, W = 51.76, D = 54.61, 20 Amp H = 29.99, W = 53.00, D = 79.38



- Horizontal mount
- Enhanced performance for more attenuation
- Extended metal flange around the socket for improved high frequency EMI shielding
- 20 amp version uses IEC 320/C20 inlet
- These medical filters are designed to provide common and differential mode performance while maintaining the **UL** leakage requirements for medical and dental equipment
- Applications for the 20 amp version include high current power supplies and computing equipment which consist of work stations, base stations and servers etc.
- **UL Recognised, VDE Approved and CSA Certified**

Temperature Range	-10 to 40°C	Operating Voltage	250V
		Operating Frequency	50/60 Hz
Test voltage (1 minute)	Line -to-ground	1500VAC	
Test voltage (1 minute)	Line -to-Line	1450 VDC	
Leakage current	Line -to-ground	5µA	

411361

Mfrs. List No.	Rating	Order Code	1+	5+	25+	50+
1EJH1	1A	958-6393	42.48	33.17	29.00	24.41
3EJH1	3A	958-6407	42.48	33.17	29.00	24.41
6EJH1	6A	958-6415	42.48	33.17	29.00	24.41
10EJH1	10A	958-6423	42.48	33.17	29.00	24.41
15EJH1	15A	958-6431	42.48	33.17	29.00	24.41
20EJH1	20A	958-6440	42.48	33.17	29.00	24.41

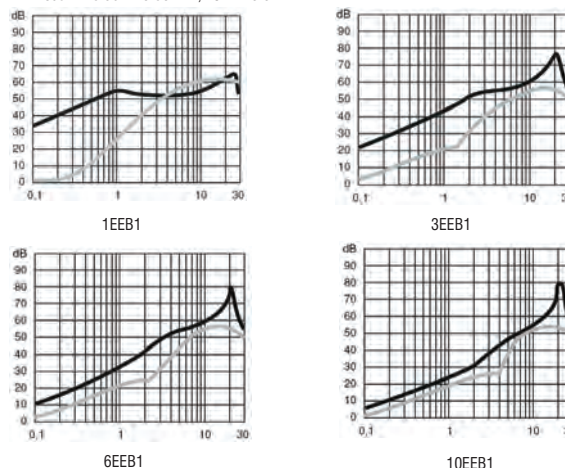
IEC Inlet Filter EEB Series: Compact

tyco Electronics corcom

NEW



H = 20.6, W = 50.3, D = 54.6 mm, Panel Cut-out = 28.96 x 20.80 mm, FC = 40.01



Temperature Range	-10 to 40°C	Operating Voltage	250V
		Operating Frequency	50/60 Hz
Test voltage (1 minute)	Line -to-ground	2250VDC	
Test voltage (1 minute)	Line -to-Line	1450 VDC	
Leakage current	Line -to-ground	0.38mA	

411312

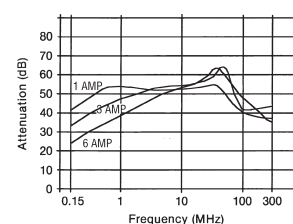
Mfrs. List No.	Rating	Order Code	1+	10+	50+	100+
1EEB1	1A	958-6008	32.09	28.16	24.45	21.03
3EEB1	3A	958-6016	32.09	28.16	24.45	21.03
6EEB1	6A	958-6024	32.09	28.16	24.45	21.03
10EEB1	10A	958-6032	36.33	31.90	29.13	25.19

Panel Mounting, High Performance

SCHAFNER



Panel cut-out=28.5 x 21.5
Depth behind panel=60 Fixing centres=40
Tabs=6.3 x 0.8



10

Connectors - Power & Mains

- IEC plug filter conforming to **IEC 320** and providing very high attenuation.
- Approved to **VDE, SEV, SEMKO, CSA** and **UL** Recognised. Designed to meet **IEC950**.

Voltage rating 250V @ 0-400Hz
 Capacitance 2 x 0.047µF(x) + 2 x 3300pF(y)
 Inductance 10mH (1A), 3.1mH (3A), 1.2mH (6A)

Earth leakage current 2 x 0.3mA
 Operating temperature range -25°C to +85°C

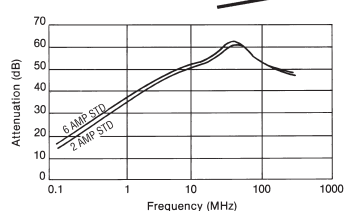
Mfrs. List No:

FN321-1/05	= 453-780
FN321-1/05	= 110-4555
FN321-3/05	= 453-791
FN321-3/05	= 110-4556
FN321 6/05	= 453-808
FN321 6/05	= 110-4557

220468

Rating	Order Code	1+	10+	50+	100+	+
1A	453-780	42.09	35.72	31.66	24.00	--
1A	110-4555	42.09	35.72	31.66	24.00	--
3A	453-791	42.09	35.72	31.66	24.00	--
3A	110-4556	42.09	35.72	31.66	24.00	--
6A	453-808	42.09	35.72	31.66	24.00	--
6A	110-4557	42.09	35.72	31.66	24.00	--

Panel Mounting, Fused



Panel cut-out=33 x 29, Fixing centres=36,
 Depth behind panel=56, Tabs=6.3 x 0.8

- Mains filter with integral 20 x 5mm captive fuseholder
- Designed to comply with **IEC320**, approved to **VDE**

Voltage rating 250V @ 50-400Hz
 Earth leakage current Standard 0.2mA
 Operating temp. 85°C-25°C to +

Capacitance 1 x 0.015µF (X) + 2 x 2200pF(Y)
 No Y Capacitors on Medical Filters

Mfrs. Dual List Nos:

WF190 2/05 & SF2010-2/01	= 942-6990
WF190 6/05 & SF2010-6/01	= 942-7007

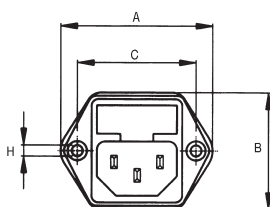
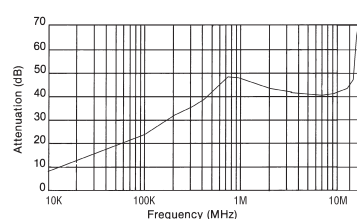
Mfrs. List Nos:

SF2010M-2/01	= 942-7139
SF2010M-6/01	= 942-7147

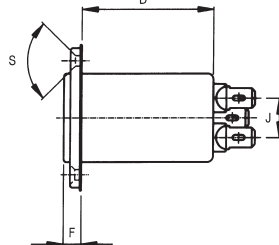
204018

Rating	Order Code	1+	25+	100+	250+	+
2A	148-872‡	40.13	37.61	35.19	30.49	--
2A	942-6990	40.13	37.61	35.19	30.49	--
6A	148-873‡	40.10	37.52	35.15	30.46	--
6A	942-7007	40.10	37.52	35.15	30.46	--
2A	557-614‡	41.58	35.41	32.73	28.80	--
2A	942-7139	41.58	35.41	32.73	28.80	--
6A	557-626‡	32.78	29.20	26.46	24.92	--
6A	942-7147	32.78	29.20	26.46	24.92	--

Panel Mounting - Twin Fused



A=46, B=36, C=36, H=3.3



D=41, F=5.5, J=12.5, S=90°

- **IEC320** mains filters with integral twin 5x20mm fuse holder
- Designed to comply with **IEC950** approved to **VDE, CSA** and **UL** Recognised

Max. operating voltage 250V ac
 Max. leakage per phase 191µA
 Capacitance Cx 100nF
 Cy 2 x 2.2nF
 Faston terminals 6.3 x 0.8mm

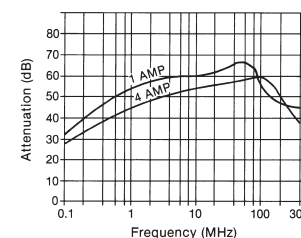
Inductance 2 x 5.3mH - 1A
 2 x 2.7mH - 2A
 2 x 1mH - 4A
 2 x 0.3mH - 6A

Mfrs. List No. FN9260-X/06, X=Rating in Amps

204063

Rating	Order Code	1+	25+	100+	250+	+
1A	557-651	33.81	23.03	21.55	19.22	--
1A	110-4560	33.81	23.03	21.55	19.22	--
2A	557-663	33.81	23.03	21.55	19.22	--
2A	110-4562	33.81	23.03	21.55	19.22	--
4A	557-675	33.81	23.03	21.55	19.22	--
4A	110-4563	33.81	23.03	21.55	19.22	--
6A	557-687	33.81	23.03	21.55	19.22	--
6A	110-4564	33.81	23.03	21.55	19.22	--

Panel Mounting, Fused with Voltage Selector



Panel cut-out=33 x 29, Fixing centres=36,
 Depth behind panel=55, Tabs=6.3 x 0.8

- **IEC320** mains filter with integral 20 x 5mm fuseholder and three way voltage selector
- Easy to operate selector is switchable between 110V, 220V and 240V, allowing the filter to be fitted into equipment sold throughout the world
- Efficient earthing and HF screening ensure high attenuation at high frequencies
- Approved to **VDE, SEV, SEMKO, CSA** and **UL** Recognised. Complies with **IEC950** and **EN133 200**

Voltage Rating 250V @ 50/60Hz
 Capacitance 0.068µF (X) + 2 x 2200pF (Y)
 Inductance 2 x 10mH (1A), 2 x 1.5mH (4A)

Earth Leakage Current <0.5mA
 Operating Temperature -25°C to +85°C

Mfrs. List No:

FKV2-55-1/I	= 150-928
FKV2-55-4/I	= 113-0938
	= 150-929
	= 113-0939

204029

Rating	Order Code	1+	10+	25+	100+
1A	150-928	36.07	32.13	29.82	26.01
1A	113-0938	36.07	32.13	29.82	26.01
4A	150-929	36.07	32.13	29.82	26.01
4A	113-0939	36.07	32.13	29.82	26.01

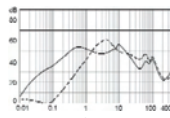
Power Entry module with Line Filter
Type KFA - Double fused

- Equipment plug with mains filter and 2 pole Fuse holder
- All single elements wired
- Snap-in mounting
- 6.3 x 0.8mm tabs
- Complies to IEC60939 / EN 133 200.
- UL1283 / CSA C22.2 No.8
- Conforms to IEC/EN60950
- Approvals: **UL CSA VDE**
- Standard version

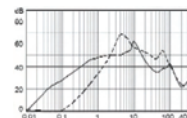
NEW

Note:

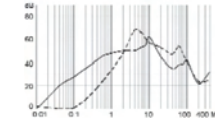
* Fuses and Fuse holder sold separately



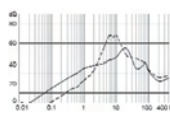
1A



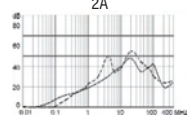
2A



4A



6A



10A

Rated Voltage 125/250 V AC
 Rated Current 1-10A @ 40°C ENEC (VDE)
 Rated Current 1-10A @ 40°C UL CSA
 Leakage current ≤0.5mA @ 250V/60Hz
 Test Voltage 1.7kVDC Between L-N
 2.7kVDC Between L/N-PE

Operating Temperature -25°C to +85°C
 Protection Level Front IP40 to IEC60529
 Protection Class Class 1 to IEC 61140
 Panel Thickness (max) 0.8mm to 3mm
 Housing Material UL 94V-0thermoplastic, Black

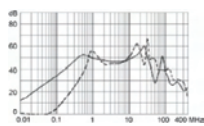
418281

Rated Current	Mfrs. List No.	Order Code	1+	10+	50+
1A	4301.6001	107-6985	30.14	27.08	25.10
2A	4301.6002	107-6987	30.14	27.08	25.10
4A	4301.6003	107-6988	30.14	27.08	25.10
6A	4301.6004	107-6989	30.14	27.08	25.10
10A	4301.6005	107-6990	30.50	27.41	25.39
Fuse drawer					
Standard	4301.1401	845-190	3.18	2.82	2.61

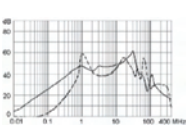
Panel Mount, Switched, 2-Pole DC12 Series



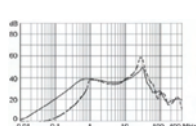
- Compact design
- IEC connector module, 10A line switch, 2 pole
- Snap-in and screw-on mountings
- 6.3 x 0.8mm tabs
- Suitable for high inrush currents
- Approvals: **ENEC UL CSA**



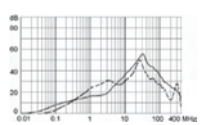
1A



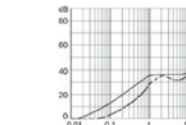
2A



4A



6A



10A

Rated Voltage
Rated Current
Leakage current
Test Voltage

Operating Temperature
Protection Class

Panel Thickness (max), Snap mounting
Panel Thickness (max), Screw mounting
Housing Material

250V, 60Hz
1-10A @ Ta 40°C
≤0.5mA @ 250V/60Hz
1.7kVDC Between L-N
2.7kVDC Between L/N-PE
-25°C to +85°C
Class 1
0.8mm to 3mm
8mm
UL 94V-0Thermoplastic, Black

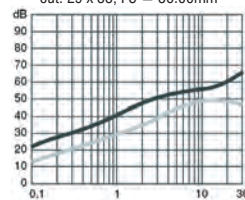
NEW

Rated Current	Mfrs. List No.	Order Code	1+	10+	50+
Snap-In					
1A	DC12.1102.101	107-6992	38.67	34.80	32.26
2A	DC12.2102.101	107-6993	38.67	34.80	32.26
4A	DC12.3102.101	107-6994	38.67	34.80	32.26
6A	DC12.4102.101	107-6995	38.67	34.80	32.26
10A	DC12.5102.101	107-6996	41.96	37.73	34.96
Screw-On					
1A	DC12.1102.001	107-6997	38.67	34.80	32.26
2A	DC12.2102.001	107-6998	38.67	34.80	32.26
4A	DC12.3102.001	107-6999	38.67	34.80	32.26
6A	DC12.4102.001	107-7000	38.67	34.80	32.26
10A	DC12.5102.001	107-7001	41.96	37.73	34.96

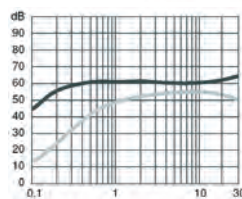
Power Entry Module EGG Series: Fused



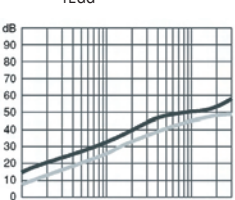
H = 32.8, W = 44.7, D = 42.20mm Panel cut out: 29 x 33, FC = 36.00mm



3EGG



1EGG



6EGG

NEW

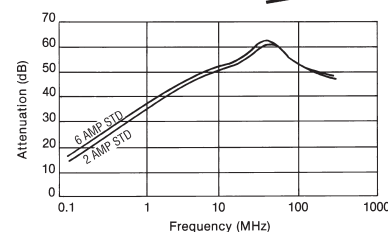
- Horizontal mount
- Filtering for General purpose applications
- IEC Power cord connector
- Dual metric fusing, two 5 x 20mm (fuses not included)
- **UL Recognised, VDE Approved and CSA Certified**

Temperature Range	-10 to 40°C	Operating Voltage	250V
Test voltage (1 minute)	Line -to-ground	Operating Frequency	50/60 Hz
Test voltage (1 minute)	Line -to-Line	1550 VAC	
Leakage current	Line -to-ground	1450 VDC	
		0.42mA	

411339

Mfrs. List No.	Rating	Order Code	1+	10+	25+	50+
1EGG1-2	1A	958-6121	40.36	32.32	27.80	23.96
3EGG1-2	3A	958-6130	40.36	32.32	27.80	23.96
6EGG1-2	6A	958-6148	40.36	32.32	27.80	23.96

Panel Mounting, Switched and Fused, Snap-In



H=65.5, W=30, D=67,
Depth behind panel incl. tabs=64. Tabs=6.3 x 0.8

Panel cut-outs for different panel thicknesses

Panel Thickness	Panel Cut-out
1.2 to 1.5mm	H=61, W=29
2.0 to 2.5mm	H=61.5, W=29

- **IEC320** style filter conforming to **BS613**, with an integral 20 x 5mm fuse holder and double pole mains on/off switch.

Voltage Rating	250V @ 0 to 400Hz	Inductance	2mH (2A), 2mH (2A)
Earth Leakage Current	Standard 0.2mA	Switch Operations	50,000
	Medical 0.2mA	Operating Temperature	-40°C to +85°C
Capacitance	1 x 0.015μF(X) + 2 x 2200pF (Y)	No Y Capacitors fitted to medical filters	

Mfrs. Dual List Nos:	WF290 2/05 & SF2030-2/01	= 942-7015
	WF290 6/05 & SF2030-6/01	= 942-7023

Mfrs. List Nos:	SF2030M-2/01	= 942-7155
	SF2030M-6/01	= 942-7163

204048

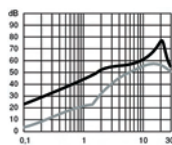
Rating	Order Code	1+	25+	100+	250+	+
2A	149-095†	58.13	50.43	46.32	41.52	--
2A	942-7015	58.13	50.43	46.32	41.52	--
6A	149-096†	57.55	49.93	45.86	41.11	--
6A	942-7023	57.55	49.93	45.86	41.11	--
2A	557-638†	65.27	56.07	49.61	40.82	--
2A	942-7155	65.27	56.07	49.61	40.82	--
6A	557-640†	65.27	56.07	49.61	40.82	--
6A	942-7163	65.27	56.07	49.61	40.82	--

Power Entry Module P Series: Switched and Fused with Voltage Selector

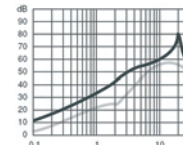


NEW

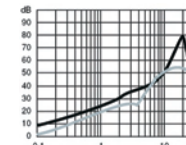
Snap-in: H = 58.67, W = 31.49, D = 54.1mm, Panel cutout = 26.93 x 55.91mm
Horizontal mount: H = 58.67, W = 50.29, D = 54.1 mm, Panel cutout, = 28.5 x 55.91, FC = 40mm



S3A

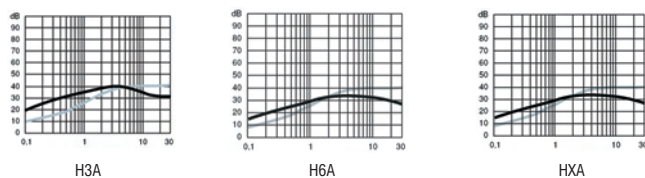


S6A



SXA

Compliant
Non-compliant
Limited stock - RoHS replacement available
RoHS



- Snap-in and horizontal mount
- Filtering for General purpose and Medical applications
- IEC Power line connector
- Both North American and European fusing capabilities
- DPST on/off switch
- Dual voltage (115/230 VAC)
- An RF Shield covers the filter portion of the module for increased performance
- UL Recognised, VDE Approved and CSA Certified

Temperature Range	-10 to 40°C	Operating Voltage	120V / 250V
Test voltage (1 minute)	Line -to-ground	Operating Frequency	50/60 Hz
Test voltage (1 minute)	Line -to-Line	1500 VAC	
		1450 VAC	
Models	Leakage current	Models	Leakage current
General purpose @ 250 VAC 50Hz	0.5mA	General purpose @ 120 VAC 50Hz	0.25mA
Medical @ 250 VAC 50Hz	5µA	Medical @ 120 VAC 50Hz	2µA

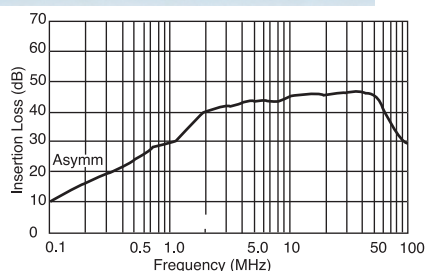
411149

Mfrs. List No.	Rating	Order Code	1+	5+	50+	100+
General purpose for jumper type applications						
Snap-in						
PS0SSDS3A	3A	958-5850	73.34	59.92	52.28	47.10
PS0SSDS6A	6A	958-5869	73.34	59.92	52.28	47.10
PS0SSDSXA	10A	958-5877	73.34	59.92	52.28	47.10
Horizontal mount						
PE0SSDS3A	3A	958-5915	73.34	59.92	52.28	47.10
PE0SSDS6A	6A	958-5923	73.34	59.92	52.28	47.10
PE0SSDSXA	10A	958-5931	73.34	59.92	52.28	47.10
General purpose for dual primary transformer applications						
Snap-in						
PS0SXDS3A	3A	958-5826	73.34	59.92	52.28	47.10
PS0SXDS6A	6A	958-5834	73.34	59.92	52.28	47.10
PS0SXDSXA	10A	958-5842	73.34	59.92	52.28	47.10
Horizontal mount						
PE0SXDS3A	3A	958-5885	73.34	59.92	52.28	47.10
PE0SXDS6A	6A	958-5893	73.34	59.92	52.28	47.10
PE0SXDSXA	10A	958-5907	73.34	59.92	52.28	47.10
Medical for jumper type applications						
Snap-in						
PS0SSDH3A	3A	958-5940	76.26	69.95	55.86	51.92
PS0SSDH6A	6A	958-5958	76.26	69.95	55.86	51.92
PS0SSDHXA	10A	958-5966	76.26	69.95	55.86	51.92
Medical for dual primary transformer applications						
Horizontal mount						
PE0SXDH3A	3A	958-5974	76.26	69.95	55.86	51.92
PE0SXDH6A	6A	958-5982	76.26	69.95	55.86	51.92
PE0SXDHXA	10A	958-5990	76.26	69.95	55.86	51.92

Panel Mounting, Switched, Snap-In Mini Bezel



Panel thickness=1.5
Depth behind panel=63.5
Tabs=4.8 x 0.8 (switch),
6.3 x 0.8 (filter).
Panel cut-out=45.9 x 21.3
(S.P. switch)
54.9 x 21.3 (D.P. Switch)



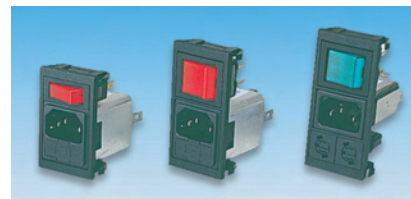
- Filtered version of Mini Bezel switched mains inlets
- Each item individually terminated for interconnection flexibility
- Approved to VDE, CSA and UL Recognised
- Green illuminated versions feature medical filters without fitted Y capacitors.

Voltage Rating	250V @ 50 - 400Hz	Capacitance	0 - 0.015µF (X)
Current Rating	6A		+2 x 2200pF (Y)
Earth Leakage Current	<0.35mA @ 250V, 50Hz	Inductance	2 x 0.7mH
	-25°C to +85°C	Operating Temperature	-25°C to +85°C

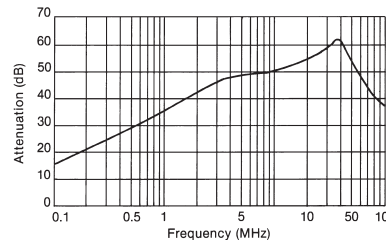
203999

SPST Switch	Mfrs. List No.	Order Code	1+	10+	50+	100+
Non-Illuminated	BZM27/A0620/53B.	439-678	32.92	28.98	25.89	23.79
Non-Illuminated	BZM27/A0620/53B	999-7075	32.92	28.98	25.89	23.79
Red-Illuminated	BZM27/A0620/55B.	439-680	33.75	30.27	27.03	23.25
Red-Illuminated	BZM27/A0620/55B	999-7083	33.75	30.27	27.03	23.25
Green-Illuminated	BZM27/B0620/61B.	439-691	33.07	29.10	25.95	22.32
Green-Illuminated	BZM27/B0620/61B	999-7091	33.07	29.10	25.95	22.32
DPST Switch						
Non-Illuminated	BZM27/A0620/57B.	439-708	35.04	30.84	27.54	23.67
Non-Illuminated	BZM27/A0620/57B	999-7105	35.04	30.84	27.54	23.67
Red-Illuminated	BZM27/A0620/59B.	439-710	35.80	32.13	28.71	24.66
Red-Illuminated	BZM27/A0620/59B	999-7113	35.80	32.13	28.71	24.66
Green-Illuminated	BZM27/A0620/63B.	439-721	38.06	33.51	29.34	23.82
Green-Illuminated	BZM27/A0620/63B	999-7121	38.06	33.51	29.34	23.82

Panel Mounting, Switched and Fused



Style A	Style B	Style C
Panel cut-out=56.6 x 34.4 Depth behind panel=58 Panel thickness=1.5 to 3 Tabs=6.3 x 0.8	Panel cut-out=70.1 x 34.4 Depth behind panel=58 Panel thickness=1.5 to 3 Tabs=6.3 x 0.8	Panel cut-out=76.5 x 34.4 Depth behind panel=60 Panel thickness=1.5 to 3 Tabs=6.3 x 0.8 (2.8 x 0.5 on fuseholder)



- Each item is individually terminated giving flexibility of interconnection.
- Filtered version of the popular switched and fused IEC320 inlets.
- Approved to VDE, SEMKO, CSA and UL Recognised

Voltage Rating	250V @ 50-400Hz	Capacitance	0.015µF (X)
Current Rating	6A		+2 x 2200pF (Y)
Earth Leakage Current	<0.35mA @ 250V, 50Hz	Inductance	2 x 0.7mH
Fuseholder	20 x 5mm	Operating Temperature	-25°C to +85°C
Mfrs. List Nos:	BZV01/A0620/01 = 151-017 BZV01/A0620/11 = 471-641 BZV03/A0620/09 = 471-653 BZV01/A0620/02 = 471-630 BZV03/A0620/06 = 151-018	BZV01/A0620/01 = 999-7008 BZV01/A0620/02 = 999-7156 BZV01/A0620/11 = 999-7164 BZV03/A0620/06 = 999-7016 BZV03/A0620/09 = 999-7172	

220472

	Style	Order Code	1+	50+	100+	250+	+
SPST, switch/single fuse	A	151-017	46.71	41.85	30.00	26.33	--
SPST, switch/single fuse	A	999-7008	46.71	41.85	30.00	26.33	--
SPST, Red Illuminated switch/single fuse	A	471-630	50.34	37.98	32.64	28.64	--
SPST, Red Illuminated switch/single fuse	A	999-7156	50.34	37.98	32.64	28.64	--
DPST Red Illuminated switch/single fuse	B	471-641	50.49	38.43	33.03	28.99	--
DPST Red Illuminated switch/single fuse	B	999-7164	50.49	38.43	33.03	28.99	--
DPST Red Illuminated switch/twin fuse	C	151-018	51.98	38.82	33.33	29.27	--
DPST Red Illuminated switch/twin fuse	C	999-7016	51.98	38.82	33.33	29.27	--
DPST green illuminated switch/twin fuse	C	471-653	52.92	39.90	34.29	30.11	--
DPST green illuminated switch/twin fuse	C	999-7172	52.92	39.90	34.29	30.11	--

Flange, Snap-in, Chassis, Mounting Standard, Fused, Switched and Fused



Voltage rating	250Vac, 50/60Hz
Operating Temperature	-25°C to +85°C

- All IEC inlets meet Overvoltage Category II or IEC 664 and comply with IEC950
- Good performance in both common mode and differential mode
- Metal case to give a good shielding effect
- Typical applications include vending and game machines, printers, copiers, monitors, test equipment, etc.
- Easy connection on all models via fast-on tags
- Fused units provide space for a spare fuse (fused on line only)
- Approvals: TUV, CSA and UL Recognised

204173

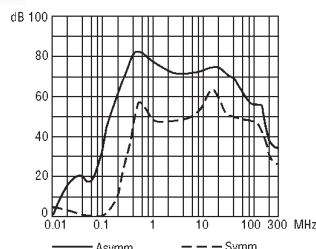
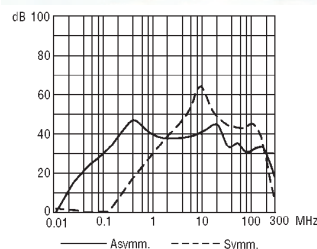
Mfrs. List No.	Rating	Order Code	1+	10+	50+	100+
Standard IEC Inlet						
RID-0342-H.	3A	137-080	14.36	12.41	10.87	9.73
RID-0342-H	3A	110-1081	14.36	12.41	10.87	9.73
Ultra Compact with 90° Connections						
RIX-0642-H	6A	137-121	14.36	12.41	10.87	9.73
Fused IEC Inlet						
RIR-0222-H.	2A	137-133	26.98	25.70	22.49	17.99
RIR-0222-H	2A	110-1082	26.98	25.70	22.49	17.99
RIR-0422-H.	4A	137-145	26.98	25.70	22.49	17.99
RIR-0422-H	4A	110-1083	26.98	25.70	22.49	17.99
RIR-0622-H.	6A	137-157	26.98	25.70	22.49	17.99
RIR-0622-H	6A	110-1084	26.98	25.70	22.49	17.99
Switched and Fused IEC Inlet, Snap-in						
RIQ-0242-H.	2A	137-169	42.99	41.33	38.59	34.71
RIQ-0242-H2	2A	110-1086	42.99	41.33	38.59	34.71
RIQ-0442-H.	4A	137-170	42.99	41.33	38.59	34.71
RIQ-0442-H2	4A	110-1087	42.99	41.33	38.59	34.71
RIQ-0642-H.	6A	137-182	42.99	41.33	38.59	34.71
RIQ-0642-H2	6A	110-1088	42.99	41.33	38.59	34.71
Chassis Filter						
RESS-F08.	8A	137-212	33.58	26.87	24.41	19.25
RESS-F08	8A	110-1089	33.58	26.87	24.41	19.25
RESS-F10.	10A	137-224	33.58	26.87	24.41	19.25
RESS-F10	10A	110-1090	33.58	26.87	24.41	19.25
RESS-F15.	15A	137-236	33.58	26.87	24.41	19.25
RESS-F15	15A	110-1091	33.58	26.87	24.41	19.25

Panel Mounting, Switched and Fused Standard and Two stage Ultra High Performance

TIMMONTA



- IEC plug filters conforming to **EN 133200, UL 1283 and IEC 950**
- Single 5 x 20mm fuseholder and double pole on/off switch
- Single stage offers good attenuation over a broad frequency range
- Two stage has increased attenuation at the lower end of the frequency range



Voltage Rating 250V @ 50/60Hz
Inductance Single Stage: 4mH (6A), 0.8mH (6A)
Two Stage: 2 x 4mH (2A), 2 x 4mH (2A)
Leakage Current <0.5mA
Operating Temp. -25°C to +85°C

Capacitance Single Stage 2 x 68nF
2 x 2.2nF
Two Stage 2 x 68nF
2 x 1.5nF (Cy1)
2 x 1.0nF (Cy2)

Mfrs. List Nos: FKH2-50-2/I = 113-0940 FKH2-50-6/I = 113-0941
FKHD2-50-2/I = 113-0942 FKH2-50-6/I = 113-0943

204169

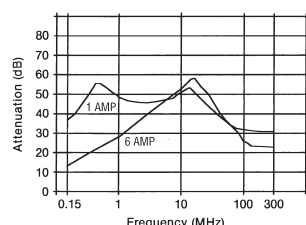
Rating	Order Code	1+	10+	25+	50+	+	+
Single stage - Standard							
2A	113-0940	49.53	42.51	39.69	38.36	--	--
6A	113-0941	52.98	44.64	40.05	38.36	--	--
Two Stage - High Performance							
2A	113-0942	77.85	66.81	59.82	48.83	--	--
6A	113-0943	77.85	66.81	59.82	48.83	--	--

Panel Mounting, Switched and Fused with Voltage Selector.

SCHAFNER



Panel cut-out=60 x 29, Depth behind panel=90
Fixing centres=40, Tabs=6.3 x 0.8



- IEC plug filter conforming to **IEC320** with integral voltage selector
- Single fuse and double pole on/off switch
- Approved to **VDE, SEV, SEMKO, CSA** and **UL** Recognised
- Designed to meet **IEC950**.

Voltage Rating 250V @ 0-400Hz max. Inductance Standard: 7.5mH1A0.45mH6A
Voltage Selector 120110-/220-240V
Fuse Holder 20 x 5mm or 1 1/4" 1/4"
Earth leakage current 2 x 0.32mA
Capacitance 1 x 0.22μF(X) + 2 x 3300pF(y) Operating Temp. -25°C to +85°C

204009

Mfrs. List No.	Rating	Order Code	1+	10+	50+	100+	+
Standard							
FN393-1/05-11.	1	110-4558	110.97	91.48	79.29	62.81	--
FN393-1/05-11.	1	471-574	110.97	91.48	79.29	62.81	--
FN393-2.5/05-11.	2.5	110-4552	110.97	91.48	79.29	62.81	--
FN393-2.5/05-11.	2.5	439-381	110.97	91.48	79.29	62.81	--
FN393-6/05-11.	6	110-4559	110.97	91.48	79.29	62.81	--
FN393-6/05-11.	6	471-586	110.97	91.48	79.29	62.81	--
With Earth-Line Choke							
FN393E-1/05-11.	1	303-1366	128.84	107.79	93.43	74.03	--
FN393E-1/05-11.	1	110-4569	128.84	107.79	93.43	74.03	--
FN393E-2.5/05-11.	2.5	303-1378	128.84	107.79	93.43	74.03	--
FN393E-2.5/05-11.	2.5	110-4570	128.84	107.79	93.43	74.03	--
FN393E-6/05-11.	6	303-1380	128.84	107.79	93.43	74.03	--
FN393E-6/05-11.	6	110-4571	128.84	107.79	93.43	74.03	--

IEC Outlet Filters

Accessory Outlet Filter EBF Series: Outlet Filters

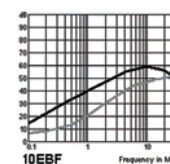
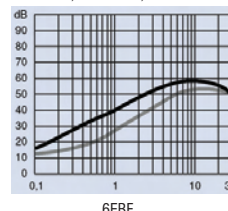
tyco Electronics corcom



- Horizontal mount
- Filters noise between system and the accessories
- Enhanced performance utilizing common mode inductance
- Differential mode capacitance
- Grounded connection
- Low leakage current required for international usage
- **UL Recognised, VDE Approved and CSA Certified**

NEW

H = 25.4, W = 50.5, D = 65.3mm, FC = 40mm



Temperature Range -10 to 40°C
Test voltage (1 minute) Line -to-ground
Test voltage (1 minute) Line -to-Line
Leakage current Line -to-ground

Operating Voltage 250V
Operating Frequency 50/60 Hz
1500 VAC
1450 VDC
0.5mA

411344

Mfrs. List No.	Rating	Order Code	1+	5+	20+	50+
6EBF1	6A	958-6199	40.17	36.07	32.22	28.58
10EBF1	10A	958-6202	40.17	36.07	32.22	28.58

IEC Free Plugs

Rewireable Free 'Moat' Plugs

SCHURTER ELECTRONIC COMPONENTS



H=21.5, W=29, D=81
H=21.5, W=68.5 (inc strain relief), D=47

- **IEC320** straight and right angle power take off
- Connectors rewireable with internal screw termination, screw grip cable clamping and strain relief.
- Approved to **VDE, CSA, SEV** and **UL** Recognised

Current Rating 10A @ 250V ac
Temperature Range -40°C to +65°C
Housing Black noryl, UL94V-0
Contacts Brass, Nickel plated
Cable dia. 8.5 max

Mfrs. List Nos: 4732.0000 = 112-5791 R47330000 = 112-5798

219712

Order Code	1+	50+	100+	250+	+	+
Straight 112-5791	7.03	6.01	5.02	4.21	--	--
Right Angle 112-5798	7.53	6.44	5.38	4.51	--	--

Compliant
Non-compliant
RoHS
Limited stock - RoHS replacement available

Rewireable Free 'Moat' Plugs
Black and White865-321
H=22.6, W=29, D=78.6
(inc. grommet)865-333
H=22.6, W=72.1
(inc grommet), D=51.7

- IEC straight and right angle connector
- Internal screw termination

Current Rating 10A @ 250Vac
Temperature Range -40°C to +70°C

- Approvals: **SEMKO, IMQ, CSA, VDE,** and **UL** Recognised

Housing Nylon, UL94V-0
Contacts Brass, Nickel plated
Cable Dia. 7.6mm max.

Mfrs. List No:	PX0686.	=	865-321	PX0686	=	999-7270
	PX0686/SE.	=	865-333	PX0686/SE	=	999-7288
	PX0686/WH.	=	428-5979	PX0686/WH	=	999-7342
	PX0686/SE/WH.	=	428-5980	PX0686/SE/WH	=	999-7350

249540

	Order Code	1+	50+	100+	250+	+
Black						
Straight	865-321▲‡	6.88	6.13	5.97	4.65	--
Straight	999-7270●	6.88	6.13	5.97	4.65	--
Right Angle	865-333▲‡	8.31	7.51	7.32	4.08	--
Right Angle	999-7288●	8.31	7.51	7.32	4.08	--
White						
Straight	428-5979▲‡	6.87	6.13	5.97	4.65	--
Straight	999-7342●	6.87	6.13	5.97	4.65	--
Right Angle	428-5980▲‡	8.31	7.51	7.32	4.08	--
Right Angle	999-7350●	8.31	7.51	7.32	4.08	--

Rewireable Multi-Entry Free Plug

Rewireable side entry power take-off plug with internal screw terminations and strain relief. Unique hexagon centre plug module allows choice of **four cable positions**. **CSA** Approved and **UL** Recognised.

Mfrs. List No. PX0685
H=75 (inc sleeve), W=38.1, D=18.6
(beyond panel)

Contact Rating	10A @ 250V ac	Housing	Black Nylon, UL94V-0
Contact Resistance	<10mΩ	Sleeve	Black PVC
Insulation Resistance	>10 ¹⁰ MΩ	Contacts	Brass, Nickel plated
Temperature range	-40°C to +70°C	Cable dia.	7.6 max.

219698

	Order Code	1+	50+	100+	250+	+
	428-759▲‡	8.12	7.32	5.78	4.96	
	999-7067●	8.12	7.32	5.78	4.96	

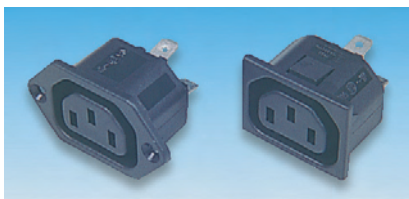
Rewireable Free Plug 16A

- IEC 320 C20 power take off rewireable connector with internal screw grip cable clamping and strain relief
- Approvals **VDE, SEMKO, SEV**

Current Rating 16A
Voltage 250Vac

219745

Mfrs. List No	Order Code	1+	50+	100+	250+	+
4796.0000	117-0116●	13.00	11.12	9.28	7.79	--

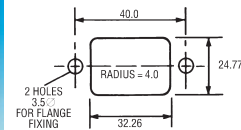
IEC Outlets**Flange and Snap Fit Fixing**

Flange Fix

Snap Fit



Flange Fix



Panel cut-out 1.5mm panel thickness for snap-fit

Panel mounting mains outlets available with flange fixing or a snap-in version for quick and simple installation. Designed for power take-off applications and complying with **EN60.320/2/2**. Approved to **VDE, CSA, IMQ, SEMKO** and **UL** Recognised. A rear insulation boot is available for improved safety, Order Code 151-743, SEE PAGE 464

Contact Rating	10A @ 250Vac	Contacts	Brass, Tin plated
Temperature Range	-40°C to +70°C	Terminations	6.35x0.8 fast-on
Housing	Nylon to UL94V-0		

Mfrs. List No:	PX0675/63	=	313-701	PX0695/15/63	=	151-742
	PX0675/63/WH	=	428-5992	PX0783/15/63	=	561-277

249541

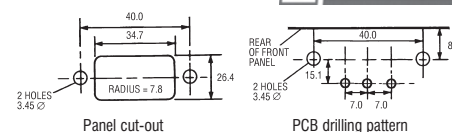
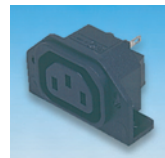
	Order Code	1+	50+	100+	250+
Flange fix - Black	313-701●	4.08	3.66	3.40	2.70
Flange fix - White	428-5992●	2.83	2.60	2.51	2.38
Snap-fit - Black	151-742●	2.63	2.38	2.21	1.57
Shutter snap-fit - Black	561-277●	4.50	4.14	3.37	2.60

IEC Inlets and Outlets**6100/6600 Series**Outlet Panel Cut Out 24.8mm x 32.5mm
Inlet Panel Cut Out 20.0mm x 27.5mm

Contact rating	10A	Dielectric strength	2000V AC
Voltage rating	250V AC	Housing	Thermoplastic UL94V-0
Insulation resistance	10≥ MΩ		

236890

Mfrs. List No.	Order Code	1+	10+	50+	100+
Outlet - Screw Mounting					
6600.3300..	307-7020‡	2.49	2.01	1.65	1.41
6600.3300	965-7029●	2.85	2.44	2.04	1.71
Outlet - Snap In					
6600.4315..	307-7032	2.49	2.01	1.65	1.46
Inlet - Screw Mounting					
6100.3300..	307-6982	1.59	1.29	1.05	0.91
Inlet - Snap In					
6100.4315	952-3855●	1.73	1.48	1.23	1.04

PCB Mounting

Panel cut-out

PCB drilling pattern

A right angle PCB mounting mains outlet manufactured to **EN60.320/2/2** and **BS4491**. Designed for power take-off applications with an additional earth tag and either panel or PCB fixing holes. Approvals: **VDE, CSA, SEMKO, IMQ** and **UL** Recognised.

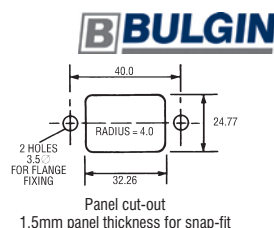
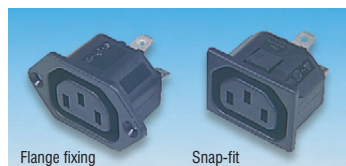
Contact Rating	10A @ 250V ac	Housing	Black, nylon
Temperature Range	-40°C to +70°C	Contacts	Brass, Tin plated

Mfrs. List No. PX0675/PC

209165

Order Code	1+	50+	100+	250+	+
151-748●	3.15	2.66	2.28	1.54	--

Flange and Snap Fit Fixing



Panel mounting mains outlets available with flange fixing or a snap-in version for quick and simple installation. Designed for power take-off applications and complying with **EN60.320/2/2**. Approved to **VDE, UL, CSA, IMQ, SEMKO**. A rear insulation boot is available for improved safety, Order Code 151-743, SEE PAGE 464

Contact Rating	10A @ 250Vac	Contacts	Brass, Tin plated
Temperature Range	-40°C to +70°C	Terminations	6.35x0.8 fast-on
Housing	Nylon to UL94V-0		

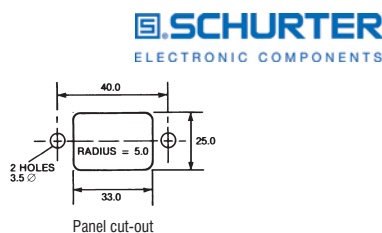
● Now available in white

Mfrs. List No:	PX0675/63	=	313-701	PX0783/15/63	=	561-277
	PX0695/15/63	=	151-742	PX0675/63/WH	=	428-5992

219721

	Order Code	1+	50+	100+	250+	+
Flange Fixing	313-701	4.08	3.66	3.40	2.70	--
Snap-fit	151-742	2.63	2.38	2.21	1.57	--
Shutter snap-fit	561-277	4.50	4.14	3.37	2.60	--
Flange fixing white	428-5992	2.83	2.60	2.51	2.38	--

Flange Fixing



Complying with **IEC320** and designed for power take-off applications. The units are available fully shuttered. Approvals: **VDE, CSA and UL** Recognised. A rear insulation boot is available for improved safety, Order Code 151-743

Contact Rating	10A @ 250Vac	Housing	Black noryl to UL94V-OUL94V-0
Temperature Range	-40°C to +65°C	Terminations	6.35 X 0.8mm Fast on.

Mfrs. List No:	R47210000	=	112-5790
----------------	-----------	---	----------

219722

Termination Size	Order Code	1+	50+	100+	250+	+	+
Shuttered 6.35mm	112-5790	3.62	3.09	2.58	2.17	--	--

Flange Fixing 16A



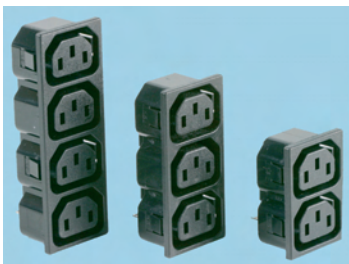
- **IEC 320 C19** chassis socket
- 6.3mm blade terminals on rear for push on receptacles or soldering
- Approvals: **CSA, VDE, SEV, DEMKO, NEMKO, FEMKO** and **UL** recognised

Current Rating	16A
Voltage	250Vac
Housing	PBT +30% glass fibre UL94V-0
Contacts	Copper alloy
Termination	6.35 x 0.8mm

219748

Mfrs. List No	Order Code	1+	50+	100+	250+	+
R61001000/A	112-5808	4.04	3.60	3.50	2.84	--

Outlet, 2, 3 and 4 way - Snap-Fit



4 Way H=98.04, W=35.05, D=behind panel=30.22	3 Way H=76.0, W=35.05, D=behind panel=30.33	2 Way H=51.05, W=35.05, D=behind panel=30.22
--	---	--



- Pre-wired with solid busbars, 2.8mm solder tags
- One piece moulded
- Approvals: **VDE, SEV, SEMKO, CSA** and **UL** Recognised

Contact Rating	10A @ 250V ac	Terminations	2.8 x 0.8mm fast-on
Temperature Range	15A @ 250Vac (UL, CSA)	Housing	Nylon UL94V-0
	-20°C to +70°C	Contacts	Copper alloy, Tin plated

CM400/209197

No. of Ways	Mfrs. List No.	Order Code	1+	50+	100+	250+
2	PX0714/2/15/28	865-308	7.75	6.45	5.04	4.04
3	PX0714/3/15/28	463-5760	5.76	--	--	--
4	PX0714/4/15/28	865-310	11.72	9.76	8.19	--

Insulation Boots



A range of black PVC insulation boots to **UL94V-0** suitable for protecting a variety of IEC inlets, outlets and filters, as listed below.

Inlet	Boot Length	Cable Dia.	Order Code
313-762, 313-737, 313-749, 313-853, 313-907, 428-967	46	6	313-774
240-412	52	4	240-400
150-639	48	5	313-798
Outlets			
145-358, 151-742, 145-313, 150-637, 150-638	59	6	427-330
Filters			
149-874 to 149-876			
149-885, 149-886			
149-912, 149-913			
230-522, 230-534, 453-705	52	4	240-400
237-292, 237-309			
318-103, 318-097, 318-115			
318-061, 318-073			
968-407 to 968-432			
968-444 to 968-493			

209292

Order Code	1+	100+	250+	+	+
313-774	2.10	1.50	1.26	--	--
151-743	2.10	1.50	1.26	--	--
427-330	2.19	1.53	1.20	--	--
313-798	2.24	1.91	1.64	--	--
5 per pack	1+	50+	100+	+	+
240-400	5.28	4.71	4.54	--	--

Retaining Kits and Flange



Spring retaining clips to prevent accidental disconnection of mated connectors.

	Panel Mounting Inlet/Outlet/Filter	Free Plug/Socket	Spring Clip or Flange
Spring Kits	Order Code 313-749, 313-737, 313-701 149-874 to 149-876 149-885, 149-886 151-745 313-932	Order Code 313-713, 148-701, 209-235 257-813 313-713, 148-701, 209-235 313-713, 148-701, 209-235 650-651 313-920	Mfrs. List No. KT0006 KT0006 KT0006 KT0006 KT0007 KT0009 11610
Flange	Order Code 313-804 313-816 313-830 313-841	Order Code 313-804 313-804 313-804 313-804 313-816 313-816 313-830 313-841	

224240

Order Code	1+	50+	100+	250+	+
Spring Kits					
313-804	4.38	3.28	2.65	2.33	--
313-816	4.43	4.13	3.97	3.50	--
313-830	7.07	6.33	5.86	5.01	--
Flange					
313-841	2.98	2.50	1.82	1.04	--

10

Connectors - Power & Mains

Compliant
Non-compliant
Limited stock - RoHS replacement available

RoHS

IEC Hot Condition

Rewireable Free Socket
Black and White**BULGIN**

H=18.4, W=26.4, D=79 (inc sleeve)

- Rewireable female socket connector
- Screw termination, rubber strain relief grommet ie. sleeve
- Ideal for most domestic appliances
- Manufactured to **BS4491** and **IEC320**
- Approvals include: **VDE, UL, CSA, SEMKO, NEMKO, FEMKO, IMQ, and BSI**

Contact Rating	10A @ 250V ac	Contacts	Brass, Nickel plated
Temperature Range	-40°C to + 120°C	Terminations	Screw terminal
Housing	Matt nylon		
Mfrs. List No:	PX0597 = 117-2515	PX0597/WH = 117-2513	
	PX0597. = 650-651	PX0597/WH. = 428-6017	

249544

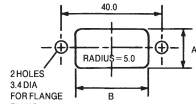
Colour	Mfrs. List No.	Order Code	1+	50+	100+	250+
Black	PX0597.	650-651 ▲	5.30	4.78	3.53	3.20
Black	PX0597	117-2515 ●	5.30	4.78	3.53	3.20
White	PX0597/WH.	428-6017 ▲	5.30	4.78	3.53	3.25
White	PX0597/WH	117-2513 ●	5.30	4.78	3.53	3.25

Inlets - Panel Mounting

BULGIN

Flange fixing

Snap-fit

Panel cut-out
1.5mm panel thickness for
snap-fit

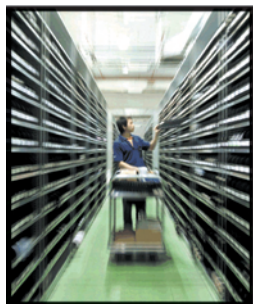
A = Flange front mounting + snap fit = 19.8
Flange rear mounting = 22.7
B = Flange front mounting + snap fit = 27.4
Flange rear mounting = 30.23

Panel mounting mains inlets available with flange fixing or a snap-in version for quick and simple installation. Both inlets conform to **BS4491.EN60.320**. The flange fixing version is also approved to **CSA, VDE, BS, SEMKO, IMQ** and **UL** Recognised. A rear insulation boot is available for improved safety, Order Code 313-774

Contact Rating	10A @ 250V ac	Contacts	Brass, Nickel plated
Temperature Range	-40°C to + 120°C	Terminations	6.35 x 0.8mm fast-on
Housing	Nylon, UL94V-0		
Mfrs. List No:	PX0590/63 = 151-745	PX0595/15/63 = 313-907	
	PX0590/63/WH = 428-6005		

249542

	Order Code	1+	50+	100+	250+
Flange fix - Black	151-745 ●	2.97	2.73	2.54	2.12
Flange fix - White	428-6005 ●	2.99	2.73	2.54	2.12
Snap-fit	313-907 ●	3.97	2.54	2.12	1.60



In stock and ready to despatch,
300,000 products in our Asia, US
and Europe warehouses.

300,000 products at your fingertips

Circular Mains

NEUTRIK'Power-Con'
Locking 3 Pole

- Fast and easy locking system
- Pre-mating contact for protective earth
- High current Capacity
- Cable connector has screw type terminals
- Contact design prevents arcing, when disconnected under load

- Mating connectors identified by mechanical keyway and colour
- Power inlet coded 'A' type, outlet coded 'B' type
- Coupler enables in line connection of two plugs for cable extension
- 1.5m cable with FCA plug to bare ends

Current Rating	20Arms @ wire size 2.5mm ²
Current Rating	388-6232 15A
Voltage Rating	250Vac
Dielectric Strength	4240Vp.p
Contact Resistance	≤mΩ after 5000 mating cycles

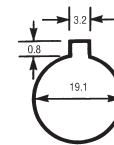
Temp. range	-30°C to +80°C
Housing	PA 6.6
Insert	PBT
Contacts	Copper zinc alloy, with gold over tin plating

Warning: These connectors are not suitable for domestic use as defined by the Plugs and Sockets UK Safety Regulations 1987

209198

Cable Connector	Mfrs. List No.	Order Code	1+	25+	50+	100+
A' Type	NAC3FCA.	892-350 ●	12.37	11.12	10.50	9.92
B' Type	NAC3FCB.	892-361 ●	12.37	11.12	10.50	9.92
Chassis Connector						
A' Type	NAC3MPA..	892-373 ●	8.43	7.66	7.52	7.26
B' Type	NAC3MPB..	892-385 ●	8.43	7.66	7.52	7.26
Accessories						
Coupler	NAC3MM.	388-6220 ●	24.88	22.21	20.54	18.52
Powercon Lead	NKFC-A-15-0.	388-6232 ●	18.18	17.30	--	--

3 Pole Miniature Outlet 3A

BULGIN

Panel cut-out

313-944 L=72, Dia=24.1
313-956 L=30, Dia=24

Miniature mains connectors for power take-off applications. A rear insulation boot is available for improved safety, Order Code 151-744.

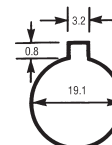
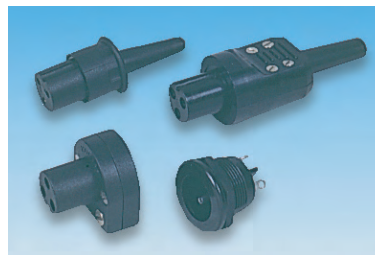
Contact Rating	3A @ 250V ac	Contacts	Pins	Brass, Tin plated
Housing	Black, phenolic resin	Sockets	Brass, Silver plated	
Mfrs. List Nos:	PX0649 = 313-944	PX0650 = 313-956		

313-944 Solder terminations cord grip and strain relief. 313-956 Solder terminations.

219759

	Order Code	1+	50+	100+	250+	+	+
Free Plug	313-944 ●	6.61	6.32	5.94	5.04	--	--
Panel Socket	313-956 ●	5.24	5.01	4.78	4.08	--	--

3 Pole Miniature Inlet 3A

BULGIN

Panel cut-out

313-968 *(50V) L=55, Dia=20.5
313-970 L=72.9, Dia=24.2
313-981 L=27.1, W=25.4, D=25
313-993 L=22.2, Dia=23.8

All the connectors feature keyway polarisation and solder terminations. A rear insulation boot is available for improved safety. Order Code 151-744.

Contact Rating	3A @ 50V ac	Contacts	Sockets	Brass, Silver plated
Temperature Range	-20°C to + 60°C	Pins	Brass, Tin plated	
Housing	Black phenolic resin			

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

***Warning:** 313-968 (50V rated) may be used for 250V ac operation but only in totally enclosed applications.

Mfrs. List Nos: PX0631 = 313-968 PX0430/SE = 313-981
PX0646 = 313-970 PX0429 = 313-993

219760

	Order Code	1+	100+	250+	500+	+	+
Free Socket	313-968	3.31	2.95	2.89	2.63	--	--
Free Socket Cord grip strain relief	313-970	8.58	8.09	7.61	7.29	--	--
Free Socket 90°	313-981	7.31	6.55	6.39	5.97	--	--
Panel Plug	313-993	3.04	2.76	2.63	2.47	--	--

Shrouded Contact Mains

3 and 4 Pole Miniature 3A



314-020 H=30.5, W=25.5, D=26.1
314-031 L=28.4, Dia=25.4

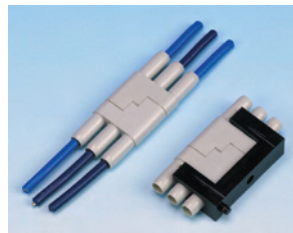
Contact Rating 3A @ 250V ac
Contact Resistance mΩ
Insulation Resistance 10000mΩ
Breakdown Voltage 4.2kV
Temp. range -20°C to +70°C
Housing Glass filled nylon
Contacts Pin Brass, Nickel plated
Sockets Brass, Tin plated

Mfrs. List Nos: SA2403 = 314-020 SA2404 = 314-031 SA2367 = 314-043 SA2368 = 314-055

209338

	Order Code	1+	100+	250+	500+	+	+
3 Pole							
Free 90° plug	314-020	6.51	6.03	5.78	5.17	--	--
Panel Socket	314-031	7.04	6.55	6.32	4.75	--	--
4 Pole							
Free 90° plug	314-043	10.38	9.37	8.28	6.32	--	--
Panel Socket	314-055	5.97	5.36	4.72	3.56	--	--

'8020' 2 and 3 Way-In-Line



Mated Housing

Mated Housings in Mounting Clip

- Cable connectors using 'Varicon' contacts, 2 mating bodies are required per connection
- Mounting clip holds mating halves
- Crimp contacts

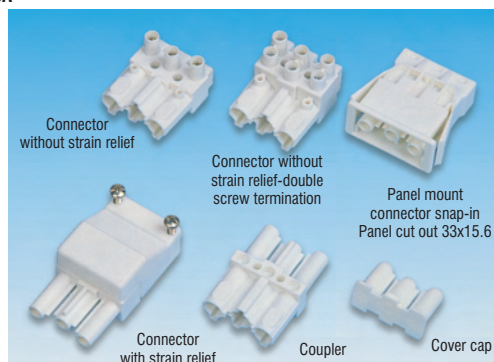
Contact Rating 8.5A
Insulation Resistance 5000 MΩ
Breakdown Voltage 2500V rms
Housing Material Polycarbonate
Contact Material Phosphor Bronze
Contact Plating Gold over Nickel
Temperature range -55°C to +125°C

219740

No. of Ways	Mfrs. List No.	Order Code	1+	25+	50+	100+	+
Housing (2 required for Mated Connector)							
2	60 8020 3117 00 000	637-506	1.56	1.41	1.32	1.05	--
3	60 8020 3317 00 000	637-518	1.72	1.56	1.41	1.20	--
Mounting Clip							
	60 8020 3210 00 000	637-520	1.53	1.35	1.26	1.02	--
Contacts (pack of 10)							
		Order Code	1+	10+	25+		
Crimp	60-8017-0313-00-042	150-368	3.31	3.18	3.12		

'ST18' Compact Connectors

3 Pole 16A



- Mechanical polarisation prevents mis-matching of male and female connectors
- Leading earth contact makes in advance, increasing user safety
- Socket connector (658-534) has two terminals per contact providing a jumper facility or distributing power to the next connector (daisy chaining) in lighting applications
- CSA, VDE, OVE, SEV, NEMKO, FI and BS5733 approved
- UL Recognised

The ST18 connector range is designed for the distribution of mains power in electrical installations such as lighting, office furniture, distribution and boiler/burner applications.

Contact Rating 16A
Voltage Rating 380V
Connector Housing Polyamide 6.6
Contacts Brass, tin plated
Conductor Size 2.5mm²
Operating Temperature 100°C (max.)

209002

Type	Mfrs. List No.	Order Code	5+	25+	50+	100+
Connector without strain relief						
Plug	93.032.3350.0	658-510	2.63	2.46	2.36	2.14
Plug	93.032.3350.0	117-2833	2.63	2.46	2.36	2.14
Socket	93.031.3250.0	658-522	3.27	3.08	2.95	2.66
Socket	93.031.3250.0	117-2834	3.27	3.08	2.95	2.66
Socket - Double Screw	93.031.3350.0	658-534	5.64	5.10	4.40	3.72
Socket - Double Screw	93.031.3350.0	117-2835	5.64	5.10	4.40	3.72
	93.030.5958.0	658-601	4.69	4.49	4.23	3.97
	93.030.5958.0	117-2843	4.69	4.49	4.23	3.97
Connector with Strain relief						
Plug	93.732.3350.0	658-546	5.01	4.78	4.49	4.08
Plug	93.732.3350.0	117-2836	5.01	4.78	4.49	4.08
Socket	93.731.3250.0	658-558	5.64	5.36	5.10	4.56
Socket	93.731.3250.0	117-2837	6.09	5.86	5.66	5.40
Connector Panel Mount - Snap-in						
Plug	93.032.9058.0	658-560	4.61	4.37	4.14	3.79
Plug	93.032.9058.0	117-2838	4.61	4.37	4.14	3.79
Socket	93.031.9058.0	658-571	4.98	4.75	4.46	4.08
Socket	93.031.9058.0	117-2841	4.98	4.75	4.46	4.08
Coupling Block	93.030.5958.0	658-601	4.69	4.49	4.23	3.97
Coupling Block	93.030.5958.0	117-2843	4.69	4.49	4.23	3.97
Connection Cover Cap						
			10+	50+	100+	+
Plug	05.594.4350	658-583	0.85	0.82	0.79	--
Plug	05.594.4350	117-2842	0.85	0.82	0.79	--
Socket	05.594.4250	658-595	0.88	0.85	0.82	--
Socket	05.594.4250	117-4961	0.88	0.85	0.82	--

Sealed

Superseal 1.5 Series



Receptacle Contact

Material Phosphor bronze, tin plated
Current rating 14A max.
Wire range 1.4-1.7mm (insulation dia.) 22-20AWG
1.8-3.3mm (insulation dia.) 20-16AWG

Tab Contact

Material Brass, tin plated

Current rating 14A max.
Wire range 1.4-1.7mm (insulation dia.) 22-20AWG
1.8-3.3mm (insulation dia.) 20-16AWG

Connectors

Dielectric withstand voltage 1500Vrms
Insulation resistance 200ΩMohm
Temperature Range -40°C to +125°C

Material (housing and secondary lock) Sealing

Polyamide 6.6 GF
Silicon rubber

Wire Seals

Material Silicon rubber

227358



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

Advanced warning of obsolete components

DIN ISO 4165 Plug - Universal



L = 83, Dia. = 25

PRO-CAR

- For 6 to 24V dc car, boat and caravan electrical systems
- High quality **DIN ISO 4165** certified universal plug
- Bayonet catch ensures firm positioning
- Unfused and fused versions available
- Suitable for cigarette lighter and standard **DIN ISO 4165** socket outlets
- **TUV** approved

209129

Type	Mfrs. List No.	Order Code	1+	10+	25+	50+
Unfused 8A	57716000	658-364	8.83	8.36	7.94	7.23
Fused 8A	57715000	658-376	9.37	8.82	8.43	7.62
Unfused 16A	57716004	658-388	10.83	8.82	8.43	7.62

DIN ISO 4165 Socket Outlet
16A 24V dc

- Accepts **DIN ISO 4165** universal plugs **SEE THIS PAGE**
- Dust and splash proof
- **TUV** approved

L = 40, Dia. = 24,
tabs = 6.3x0.8

219714

Mfrs. List No.	Order Code	1+	10+	25+	50+
57607002	658-431	11.02	10.44	9.99	9.01

Lemo High Power Connectors

Lemo High Power



- Locking ring on plug



Operating Voltage	2.8kV rms	5.0kV rms	5.5kV rms	10kV rms
Operating Voltage DC	4 kV dc	7 kV dc	8 kV dc	15 kV dc
Contact Dia	0.9mm	1.3mm	2.0mm	1.3mm
Rated Current	4A	8A	10A	8A
AWG Max Solid	20	18	14	16
AWG Max Stranded	22	20	16	18
Collet size mm	3.3-4.1	4.8-5.6	5.1-6.0	5.1-6.0
Body Material	Brass			
Body Plating	Chrome			

232088

Operating Voltage	Mfrs. List No.	Order Code	1+	5+	Price Each 10+	50+	+
Free Plug							
2.8kV	FFB.0S.403.CLAC42	381-8019 ●	39.57	36.33	33.57	29.67	--
5.0kV	FFB.1S.405.CLAC57	381-8020 ●	47.34	43.47	40.20	35.52	--
5.5kV	FFB.2S.408.CLAC62	381-8032 ●	71.19	65.40	60.48	53.40	--
10kV	FFB.3S.415.CLAC62	381-8044 ●	115.32	105.90	97.92	86.49	--
Panel Socket							
2.8kV	ERA.0S.403.CLL	381-8056 ●	31.11	28.59	26.43	23.34	--
5.0kV	ERA.1S.405.CLL	381-8068 ●	43.05	39.54	36.54	32.28	--
5.5kV	ERA.2S.408.CLL	381-8070 ●	60.84	55.86	51.63	45.60	--
10kV	ERA.3S.415.CLL	381-8081 ●	106.86	98.13	90.72	80.13	--

- Fast access to over 300,000 products
- Over 125,000 technical datasheets
- Technical attribute search
- Quick buy facility
- Instant order confirmation

www.farnell-newarkinone.com.sg

10

Connectors - Power & Mains

Compliant
Non-compliant
+ Limited stock - RoHS replacement available

RoHS

