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Circuit Protection

Connectors

EMC Products

Switches

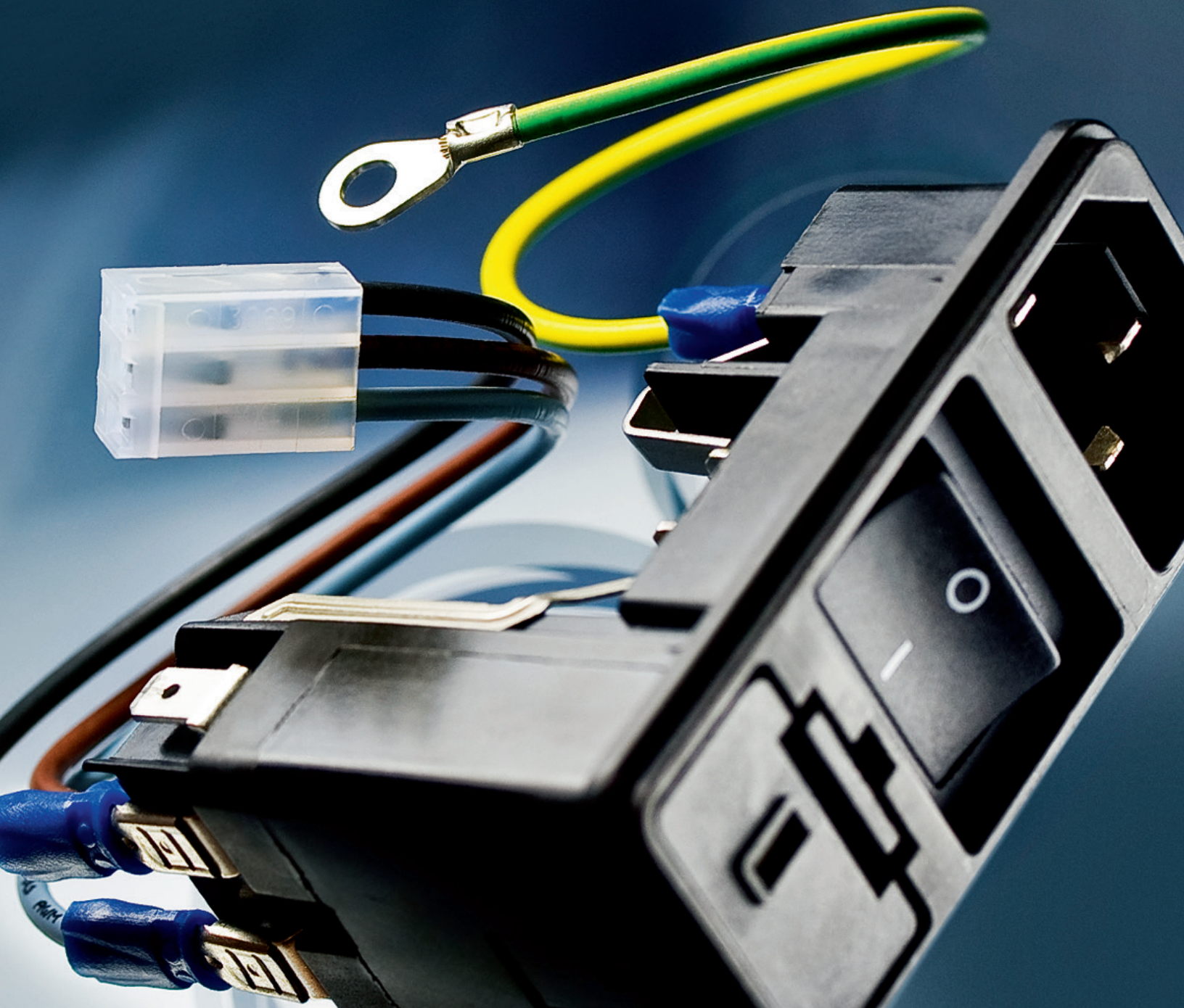
Input Systems

Wire Harness Solutions

 **SCHURTER**
ELECTRONIC COMPONENTS

SCHURTER

Range at a Glance



Products, Technologies and Solutions

- > SCHURTER is a leading innovator, manufacturer and supplier of fuses, connectors, circuit breakers, switches, input systems and EMC products. Our focus is on components to ensure a safe power supply and easy operation. SCHURTER also offers services to the electronics industry in the field of PCB assembly. Offering a complete solution from project planning to manufacturing of the end products.



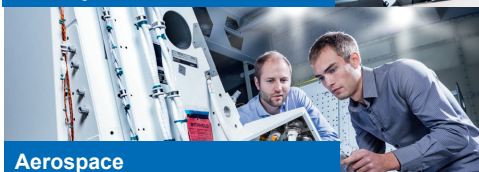
Industrial Equipment



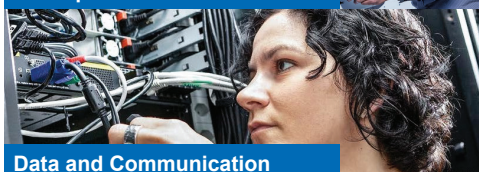
Medical Equipment



Mobility



Aerospace

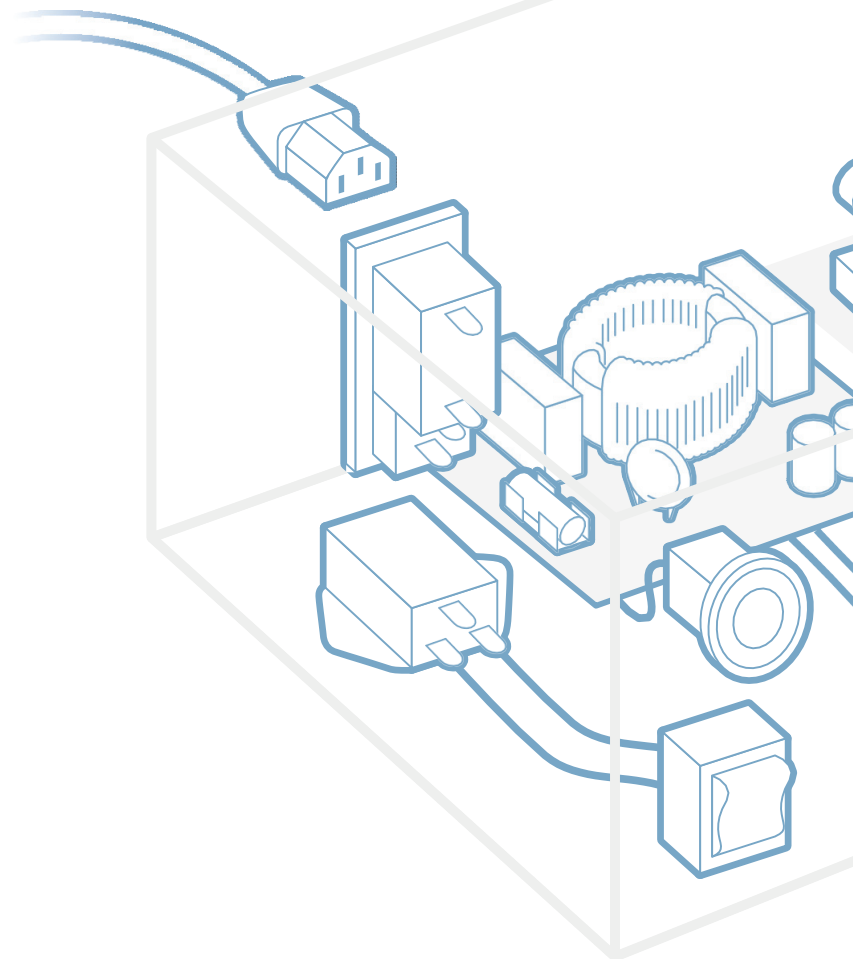


Data and Communication



Energy

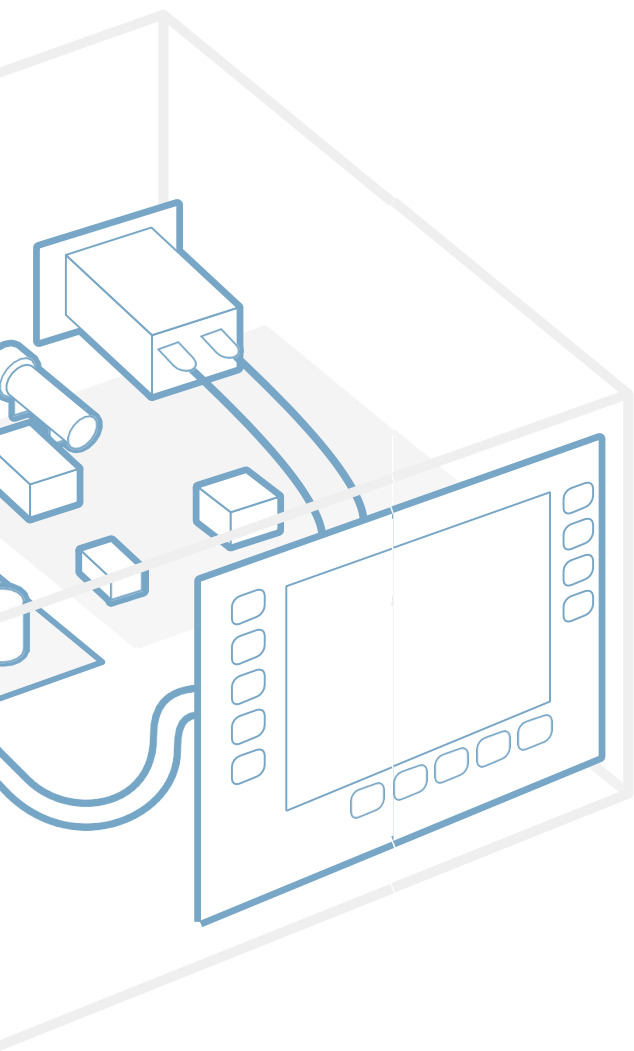
safe&easy



SCHURTER - Safety is our Business



ISO 9001
ISO 13485
ISO 45001
ISO 14001
IATF 16949



Circuit Protection

Fuses
Resettable Fuses
Thermofuses
Fuseholders
Circuit Breaker
Voltage Selector

Connectors

Smart Connectors
Power Entry Modules
Connectors (Plug/Socket)
Cord Connectors
Distribution Units
Cord Sets
Test Jacks and Probes
Data and Signal (Plug/Socket)
DC Plug/Socket
DIN Plug/Socket

EMC Products

Power Entry Modules with Filter
Single Phase Block Filter
3-Phase Block Filter
Suppression Chokes
Pulse Transformers

Switches

Metal Line Switches
Momentary Action Switch
Indicators

Input Systems

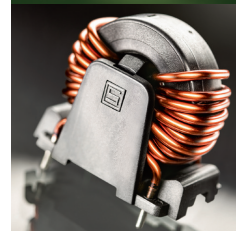
Touch Screen Solutions
Membrane Keypads
Enclosure Systems

Wire Harness Solutions





















Wire harness cable bundles with stripped wires and complete ready-to-connect solutions with wires, connectors, contacts or wire end sleeves.

See inside back cover for Wire Harness Inquiry Form

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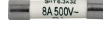



Fuses

						Characteristic						Approvals / Standards								
						Super-Quick-Acting FF	Quick-Acting F	Medium-Time-Lag M	Time-Lag T	Super-Time-Lag TT	UMF	VDE	VDE ÜG	NF	GAM T1	NNO	ESA / ESCC QPL	UL Listed	cURus	AEC-Q200
Type	Size [mm]	Rated voltage	Current range	Breaking capacity																
Chip fuses																				
	USFF 1206 Low power dissipation, precise	1.6 x 3.2 (1206)	125 VAC 63 VDC	0.05 - 0.25 A	10 - 100 A	•														
	USF 1206 Fast interruption	1.6 x 3.2 (1206)	32 - 125 VAC 63 - 125 VDC	0.375 - 4 A	50 A	•														
	USN 1206 SMD overtemperature & overcurrent protection	1.6 x 3.2 (1206)	32 VDC	12 A	170 A															•
	UAI 1206 Impulse and aging resistant fuse	1.6 x 3.2 (1206)	32 VDC	5.3 - 7.5 A	100 A					•										•
	USI 1206 IEC standard, VDE approval	1.6 x 3.2 (1206)	32 VAC 63 VDC	0.5 - 6.3 A	63 A	•					•	•								•
	UST 1206 High rated currents and melting integrals	1.6 x 3.2 (1206)	32 VAC 63 VDC	7 - 25 A	100 - 600 A* *600 A @9 VDC															•
	USF 0603 Compact secondary protection	0.8 x 1.6 (0603)	63 VAC 32 - 63 VDC	0.5 - 5 A	50 A	•														•
	USF 0402 Compact secondary protection	0.55 x 1.05 (0402)	32 VDC	0.25 - 5 A	35 A	•														•
SMD fuses																				
	UMT-H High breaking capacity	5.3 x 16	250 - 277 VAC 72 - 250 VDC	0.16 - 50 A	100A - 1.5kA															•
	UMT-W Low I²t Fail Safe Device	5.3 x 16	125 VAC 125 VDC	5 - 20 A	up to 1000A															•
	UMT 250 Primary protection	3 x 10.1	250 - 277 VAC 65 - 125 VDC	0.08 - 10 A	35 - 200 A															•
	UMF 250 Primary and secondary protection	3 x 10.1	250 VAC 125 VDC	0.5 - 15 A	100 - 500 A	•														•
	DRM-A High altitude capability	3 x 10.1	250 VAC 125 VDC	0.5 - 8 A	100 - 200 A	•														•
	UMZ 250 UMK 250 With pre-assembled clip	4.2 x 11.1 4.2 x 11.3	250 VAC 125 VDC	0.08 - 4 A 0.5 - 4 A	200 A 100 - 200 A															•
	MGA Hermetic seal -55°C to 150°C	1.55 x 3.2	32 - 125 VAC 125 VDC	0.2 - 5 A	50 A	•														•
	MGA-A Hermetic seal Tin whisker, dendrite, & lead free MIL-PRF 55342	1.55 x 3.2	32 - 125 VAC 125 VDC	0.2 - 5 A	50 A	•														•
	MGA-S Hermetic seal ESA/ESCC qualified	1.55 x 3.2	32 - 125 VAC 125 VDC	0.14 - 3.5 A	50 - 300 A	•														•
	HCF Medical, defense, aviation	8.05 x 5	125 VAC 125 VDC	5 - 15 A	200 - 1000 A	•														•
	HCSF ESA/ESCC qualified	8.05 x 5	63 VAC 125 VDC	5 - 15 A	200 - 1000 A	•														•
	OMT OMF 250 AC and DC applications	4.6 x 11	250 VAC 125 VDC 250 VAC 250 VDC	0.75 - 5 A 0.25 - 4 A	50 - 100 A 100 A															•










Fuses

						Characteristic					Approvals / Standards							
						Super-Quick-Acting FF	Quick-Acting F	Medium-Time-Lag M	Time-Lag T	Super-Time-Lag TT	UMF	VDE	VDE ÜG	NF	GAM T1	NNO	UL Listed	Americas cURus
Type	Size [mm]	Rated voltage	Current range 0 130 A	Breaking capacity														
SMD fuses																		
	OMT 125 Wide current range	3.1 x 7.4	125 VAC 125 VDC	0.25 - 6.3 A	100 A													
	OMZ 125 OMT 125 with SMD fuseholder	5.2 x 12	125 VAC 125 VDC	0.25 - 5 A	100 A													
	OMF 125 Wide current range, low rated currents	3.1 x 7.4	125 VAC 125 VDC	0.063 - 10 A	100 A													
	OMK 125 OMF 125 with SMD fuseholder	5.2 x 12	125 VAC 125 VDC	0.063 - 5 A	100 A													
	OMF 63 Wide current range, low rated currents	3.1 x 7.4	63 VAC 63 VDC	0.063 - 10 A	50 A													
	OMK 63 OMF 63 with SMD fuseholder	5.2 x 12	63 VAC 63 VDC	0.063 - 5 A	50 A													
	172876 High breaking capacity, compact	2 x 7	63 - 125 VAC 65 - 125 VDC	0.063 - 15 A	300 A													
	MSB Compact	2 x 7	63 - 125 VAC 65 - 125 VDC	0.75 - 15 A	50 - 150 A													
	MKF High breaking capacity, square shaped	2.54 x 7	63 - 125 VAC 65 - 125 VDC	0.063 - 15 A	300 A													
	MKT Square shaped, compact	2.54 x 7	63 - 125 VAC 65 - 125 VDC	2 - 15 A	50 - 150 A													
	SMD-SPT High breaking capacity	5 x 20	250 VAC 300 VDC	1 - 16 A	500-1500 A													
	SMD-FST Gold-plated fuse caps	5 x 20	250 VAC	0.05 - 20 A	35 - 125 A													
	SMD-FTT Gold-plated fuse caps	5 x 20	250 VAC	0.16 - 4 A	35 A													
SMD Thermofuses																		
	USN 1206 SMD overtemperature & overcurrent protection	1.6 x 3.2 (1206)	32 VDC	12 A	170 A													
	RTS SMD overtemp protection Optional integrated shunt	6.6 x 8.8	Up to 60 VDC	Up to 130 A	Up to 400 A													
SMD High Power																		
	UHP High breaking capacity	11.4 x 10.2	80 VDC	50 - 100 A	2000 - 3000 A													
	UHS High breaking capacity	8.4 x 9.4	32-50 VDC	50 - 100 A	Up to 2000 A													

Fuses

						Characteristic					Approvals								
Type	Size [mm]	Rated voltage	Current range		Breaking capacity	Super-Quick-Acting FF	Quick-Acting F	Medium-Time-Lag M	Time-Lag T	Super-Time-Lag TT	Europe					Americas		Asia	
			0	20							40 A	UMF	VDE	VDE ÜG	NF	GAM T1	NNO	UL	cURus
Fuses for equipment																			
	FST 5x20 Pigtails optional	5 x 20	250 VAC	0.05 - 20 A	35 - 200 A														
	SPT 5x20 High breaking capacity	5 x 20	125 - 250 VAC 125 - 300 VDC	0.5 - 16 A	500 A - 15 kA														
	FSF 5x20 Pigtails optional	5 x 20	250 VAC	0.032 - 10 A	35 - 100 A														
	SP 5x20 Pigtails optional	5 x 20	250 VAC	0.5 - 16 A	500 A - 15 kA														
	FTT 5x20 Super-Time-Lag TT	5 x 20	250 VAC	0.063 - 4 A	35 A														
	SA 5x20 High breaking capacity	5 x 20	250 VAC	1.6 - 10 A	1500 A														
	FSL UL standard, pigtails optional	5 x 20	250 VAC	0.08 - 3 A	35 A - 10 kA														
	FSM Medium-Time-Lag M	5 x 20	250 VAC 125 VDC	0.315 - 10 A	80 A - 1 kA														
	FSK UL standard, pigtails optional	5 x 20	250 VAC	0.05 - 6.3 A	35 A - 10 kA														
	D1 AERO MIL MARINE	5 x 20	32 - 220 VAC	0.02 - 10 A	60 - 300 A														
	SHT 6.3x32 High breaking capacity, pigtails optional	6.3 x 32	500 VAC 63 - 400 VDC	0.5 - 32 A	3500 A - 20 kA														
	SUT 6.3x32 Pigtails optional	6.3 x 32	250 VAC	12 - 30 A	500 A														
	SUT-H 6.3x32 Slow blow series with high I ² T	6.3 x 32	125 VAC 100 VDC	10 - 50 A	500 A - 10 kA														
	SPT 6.3x32 High breaking capacity	6.3 x 32	150 - 250 VAC 48 - 63 VDC	0.5 - 32 A	1 - 20 kA														
	SHF 6.3x32 High breaking capacity, pigtails optional	6.3 x 32	500 VAC 500 VDC	0.5 - 32 A	1500 A - 50 kA														
	A12FA 250V Very high breaking capacity	6.3 x 32	250 VAC	0.1 - 20 A	200 kA														
	AS12FA 500V Very high breaking capacity	6.3 x 32	500 VAC	0.1 - 12.5 A	10 - 150 kA														
	AS12FA 660V Very high breaking capacity	6.3 x 32	660 VAC	0.1 - 2 A	30 kA														

Fuses

Type	Size [mm]	Rated voltage	Current range 0 20 50 A	Breaking capacity	Characteristic					Approvals								
					Super-Quick-Acting FF	Quick-Acting F	Medium-Time-Lag M	Time-Lag T	Super-Time-Lag TT	Europe			Americas			Asia		
					UMF	VDE	VDE ÜG	NF	GAM T1	NNO	UL	cURus	UR	CSA	PSE	CCC	CQC	KC / JET
Subminiature fuses																		
	MST 250 Long or short terminals	8.5 x 8.5	250 VAC 63 VDC	0.05 - 6.3 A	35 - 63 A													
	MXT 250 Long or short terminals	8.5 x 8.5	250 VAC	0.8 - 10 A	100 A													
	MSF 250 Long or short terminals	8.5 x 8.5	250 VAC	0.04 - 5 A	35 - 50 A													
	MSTU 250 Long or short terminals	8.5 x 8.5	250 VAC	0.063 - 10 A	50 A													
	MSF 125 Long or short terminals	6.4 x 8.8	125 VAC 125 VDC	0.1 - 5 A	100 A													
	172322 AERO MIL MARINE, pigtailed	2.36 x 8	32 - 125 VAC 32 - 125 VDC	0.063 - 15 A	50 - 300 A													
	172321 AERO MIL MARINE, pigtailed	2.36 x 8	32 - 125 VAC 32 - 125 VDC	0.063 - 15 A	300 A													
	SPT 3.6x10 Wide current range	3.6 x 10	250 VAC	0.1 - 5 A	35 - 40 A													
Solar / PV fuse, gPV																		
	ASO Solar / PV fuse, gPV characteristic	10.3 x 38	1000 VDC	1 - 30 A	20 kA													














Web information

Product specifications, such as ratings and approvals, may vary by product variant. Detailed and current information of the listed product types and its variants can be found on our website schurter.com. Specifications are subject to change without notice.

Customized solutions

In addition to its broad product range, SCHURTER also offers individual services to ensure all customer requirements. We will build specific samples and provide you with your customized solution. Please submit your request using the contact form on our website schurter.com/en/contact.














Fuseholders

Type	Fuse-Link	Rated voltage		Rated current		Power acceptance acc. IEC	Terminals				Approvals / Standards / Listings										
		IEC	UL	IEC	UL		Solder	Solder (THT)	Solder (SMD)	Quick-Connect	Screw / Rivet	VDE	VDE ÜG	NF	GAM T1	NNO	cURus	UR	CSA	KC	IEC 60127-6 GWT
PCB mounting (THT, THR)																					
 OGN Low profile insulation walls, THT or THR	5 x 20	500 VAC	500 VAC 500 VDC	16A	16 A	4 W / 16 A (10 A with black cover)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
 OGD Single unit accepts two fuse sizes	5 x 20 6.3 x 32	250 / 500 VAC	600 VAC 600 VDC	10 A	16 A	4 W / 10 A (2.5 W / 10 A with transparent cover)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
 FPG5 Horizontal mounting	5 x 20	250 VAC	500 VAC 500 VDC	10 A	16 A	2.5 W / 10 A	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
 FAB Horizontal mounting, kicked or straight terminals	5 x 20	250 VAC	250 VAC 250 VDC	10 A	12 A	2.5 W / 10 A	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
 FAS Horizontal mounting	5 x 20	250 VAC	250 VAC 250 VDC	6.3 A	10 A	1.6 W / 6.3 A	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
 FBS2 Medical applications, shock-safe category PC3	5 x 20	250 VAC	250 VAC	6.3 A	10 A	1.6W / 6.3 A	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
 FAU Horizontal mounting, kicked or straight terminals	5 x 20 6.3 x 32	250 VAC	600 VAC 600 VDC	10 A	16 A	2.5 W / 10 A 3.2 W / 10 A	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
 FUP Horizontal mounting, high power applications	5 x 20 6.3 x 32	250 / 500 VAC	600 VAC 600 VDC	16 A	30 A	4 W / 16 A	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
 FPG4 Vertical mounting	5 x 20	250 VAC	500 VAC 500 VDC	10 A	16 A	2.5 W / 10 A	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
 FAF Vertical mounting, IP54 optional	5 x 20	250 VAC	250 VAC 250 VDC	6.3 A	12 A	2 W / 6.3 A	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
 FAP Vertical mounting	5 x 20	250 VAC	250 VAC 250 VDC	6.3 A	10 A	1.6W / 6.3 A	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
 FAC Vertical mounting, kicked or straight terminals	5 x 20 6.3 x 32	250 VAC	600 VAC 600 VDC	10 A	16 A	2.5 W / 10 A 3.2 W / 10 A	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
 FUA Vertical mounting, high power applications	5 x 20 6.3 x 32	250 / 500 VAC	600 VAC 600 VDC	16 A	30 A	4 W / 16 A	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•









Fuseholders

Type	Fuse-Link	Rated voltage		Rated current		Power acceptance acc. IEC	Terminals				Approvals / Standards / Listings									
		IEC	UL	IEC	UL		Solder (THT)	Solder (SMD)	Quick-Connect	Screw / Rivet	VDE	VDE ÜG	NF	GAM T1	NNO	cURus	UR	CSA	KC	IEC 60127-6 GWT
PCB mounting (THT, THR)																				
	FMS (125V) Vertical mounting, for subminiature fuses	MSx 125	-	125 VAC	-	5 A	-		•											
	FMS (250V) Vertical mounting, for subminiature fuses	Mxx 250 MSTU 250	250 V	250 VAC	6.3 A	6.3 A	1.6 W / 6.3 A		•											•
	FMR Horizontal mounting, for subminiature fuses	MSx 125	-	125 VAC	-	5 A	-		•											
	OG (Holder) 5x20 Screw or rivet mounting, THT	5 x 20	-	600 VAC 600 VDC	-	10 A			•		•									
	OG (Holder) 6.3x32 Screw or rivet mounting, THT	6.3 x 32	-	500 VAC	-	16 A			•		•									
PCB mounting (SMD)																				
	OMH 125 Pre-assembled fuses optional, compact	OMx 63 OMx 125	-	125 VAC 125 VDC	-	5 A	-			•										•
	OGN-SMD Suitable for reflow soldering low profile insulation walls	5 x 20	500 VAC	500 VAC 500 VDC	16 A	16 A	4 W / 16 A (10 A with black cover)			•		•	•							•
	OGD-SMD Single unit accepts two fuse sizes	5 x 20 6.3 x 32	250 / 500 VAC	600 VAC 600 VDC	10 A	16 A	4 W / 10 A (2.5 W / 10 A with transparent cover)			•		•	•							•
	FPG7 Horizontal mounting	5 x 20	250 VAC	250 VAC 250 VDC	10 A	16 A	2.5 W / 10 A			•		•								•
Panel mounting																				
	FRM-A Shock-safe, IP67, ultra-compact, high-altitude	3 x 10	125 / 250 VAC 125 / 250 VDC	125 / 250 VAC 125 / 250 VDC	8 A	8 A	1.6 W / 6.3 A		•											•
	FPG1 Screw mounting, front-side, IP67 optional	5 x 20	250 VAC	500 VAC 500 VDC	10 A	16 A	2.5 W / 10 A		•		•									•
	FPG2 Screw mounting, rear-side, IP67 optional	5 x 20	250 VAC	500 VAC 500 VDC	10 A	16 A	2.5 W / 10 A		•		•									•
	FPG3 Snap-in mounting, front-side	5 x 20	250 VAC	500 VAC 500 VDC	10 A	16 A	2.5 W / 10 A		•		•									•
	FPG6 Press-fit mounting, front-side, IP67 optional	5 x 20	250 VAC	500 VAC 500 VDC	10 A	16 A	2.5 W / 10 A		•		•									•
	FEF Fingergrip or slot cap, IP54 optional	5 x 20	250 VAC	250 VAC	10 A	10 A	3.2 W / 10 A		•			•								•
	FEF (snap) Snap-in mounting, front-side	5 x 20	250 VAC	250 VAC	10 A	10 A	3.2 W / 10 A		•			•								•

Fuseholders

Type	Fuse-Link	Rated voltage		Rated current		Power acceptance acc. IEC	Terminals				Approvals / Standards / Listings										
		IEC	UL	IEC	UL		Solder	Solder (THT)	Solder (SMD)	Quick-Connect	Screw / Rivet	VDE	VDE ÜG	NF	GAM T1	NNO	cURus	UR	CSA	KC	IEC 60127-6 GWT
Panel mounting																					
	FIN Screw mounting, front-side, IP67	5 x 20	250 VAC	250 VAC 250 VDC	10 A	10 A	2.5 W / 10 A	•	•	•											
	FIO Screw mounting, front-side, IP65 optional	5 x 20	250 VAC	250 VAC 250 VDC	10 A	10 A	2.5 W / 10 A	•	•	•											
	FIZ Screw mounting, front-side, IP67 optional	5 x 20	250 VAC	600 VAC 600 VDC	16 A	30 A	4 W / 16 A	•	•	•											
	FBS1 Medical applications, shock-safe category PC3	5 x 20	250 VAC	250 VAC	6.3 A	10 A	1.6 W / 6.3 A	•	•	•											
	231411 Screw mounting, AERO MIL MARINE	5 x 20	(250 VAC) - (SCHURTER rating)	-	(6.3 A) - (SCHURTER rating)	-	(1.3 W / 6.3 A)	•													
	FEU Screw mounting, front-side	5 x 20 6.3 x 32	250 VAC	600 VAC 250 VDC	10 A	20 A	4 W / 10 A	•	•	•											
	FEU (Med) Medical applications, shock-safe category PC2	5 x 20 6.3 x 32	250 VAC	600 VAC 250 VDC	10 A	20 A	4 W / 10 A	•		•											
	FEU (Grip) Finger grip screw-cap	5 x 20 6.3 x 32	250 VAC	600 VAC 250 VDC	10 A	20 A	4 W / 10 A	•		•											
	FEC Screw mounting, 3-phase applications	5 x 20 6.3 x 32	500 VAC	600 VAC 600 VDC	10 A	20 A	4 W / 10 A	•	•	•											
	FUS Snap-in mounting, front-side, IP67	5 x 20 6.3 x 32	500 VAC	600 VAC 600 VDC	16 A	32 A	4 W / 16 A	•	•	•											
	FUL Screw mounting, 3-phase applications, optional IP67	5 x 20 6.3 x 32	500 VAC	600 VAC 600 VDC	16 A	30 A	4 W / 16 A	•	•	•											
	231549P Screw-cap, IP68, AERO MIL MARINE	6.3 x 32	(250 VAC) - (SCHURTER rating)	-	(16 A) - (SCHURTER rating)	-	(3.6 W / 16 A)	•		•											
	FXP Slotted drawer, snap-in, shock-safe category PC2	6.3 x 32	500 VAC	600 VAC 600 VDC	25 A	45 A	8 W / 25 A	•		•											
Screw or rivet mounting																					
	UH Cover optional, 1 or 10 pole version	5 x 20	-	600 VAC 600 VDC (SCHURTER rating)	10 A	-	3.2 W / 10 A	•		•	Crimping										
In-line mounting																					
	FDI In-line mounting	5 x 20 6.3 x 32	(32 VAC)		(6.3 A)																

Fuseholders

Type	Fuse-Link	Rated voltage		Rated current		Power acceptance acc. IEC	Terminals					Approvals / Standards / Listings								
		IEC	UL	IEC	UL		Solder	Solder (THT)	Solder (SMD)	Quick-Connect	Screw	Rivet	VDE	VDE ÜG	NF	GAM T1	NNO	cURus	UR	CSA
DIN-rail mounting																				
 FSO Solar / PV fuseholder, self-certified 1000 VDC, Din-Rail mounting	10.3 x 38	-	600 VAC 600 VDC	-	30 A	-														
Clips																				
 OG (Clip) 5x20 Cover optional, kicked or straight terminals	5 x 20	-	500 VAC 500 VDC	-	10 A	-														
 CQM Tape & Reel for automatic pick and place	5 x 20	-	500 VAC 500 VDC	-	10 A	-														
 OG (Clip) 5x20 / 6.3x32 Clip-material bronze or brass	5 x 20 6.3 x 32	-	600 VAC 600 VDC	-	16 A	-														
 CQP Heavy duty fuse clip, solar / PV applications	6.3 x 32	-	600 VAC 600 VDC	-	32 A	-														
 CSO Heavy duty fuse clip, solar / PV applications	10.3 x 38 10.3 x 85	-	1500 VAC 1500 VDC	-	32 A	-														
 CFO Heavy duty fuse clip, solar / PV applications	10.3 x 38 10.3 x 85	-	600 VAC 1000 VDC	-	15 A	-														
 231660 Solar / PV applications	10.3 x 38	-	-	-	20 A	-														

11/8/2023/US







Web information

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Customized solutions

In addition to its broad product range, SCHURTER also offers individual services to ensure all customer requirements. We will build specific samples and provide you with your customized solution. Please submit your request using the contact form on our website [schurter.com/en/contact](https://www.schurter.com/en/contact).

Power Entry Modules with Circuit Breaker

Type	Current range	IEC 60320-1 inlet type	IEC connector type			Circuit breaker				Mounting			Connection	
			Protection class I	Protection class II	V-Lock cord retaining	CBE 1-pole protected	CBE 2-pole protected	Illuminated rocker	Components prewired	Screw-on front	Screw-on rear	Snap-in	Quick connect	Wire leads on request
 DG11 Recessed switch, double pole CBE, optional IP67	1-10A IEC 1-15A UL	C14 / C18	•	•	•	•	•	•	•	•	•	•	•	•
 DF11 Recessed switch, double pole CBE	1-10A IEC 1-15A UL	C14 / C18	•	•	•	•	•	•	•	•	•	•	•	•
 6145 Double pole CBE	1-10A IEC 1-15A UL	C14	•	•	•	•	•	•	•	•	•	•	•	•
 6135 Double pole CBE	1-10A IEC 1-15A UL	C14	•	•	•	•	•	•	•	•	•	•	•	•
 EF11 Recessed switch, double pole CBE	16A IEC 20A UL	C20	•	•	•	•	•	•	•	•	•	•	•	•
 6136 Single pole CBE	16A IEC 20A UL	C20	•	•	•	•	•	•	•	•	•	•	•	•

Power Entry Modules with Circuit Breaker and Filter

Type	Current range	Inlet	IEC connector type			Circuit breaker				Mounting		Connection		Attenuation		Leakage current		
			Protection class I	Protection class II	V-Lock cord retaining	CBE 1-pole protected	CBE 2-pole protected	Illuminated rocker	Components prewired	Screw front	Snap-in	Quick connect	Wire leads on request	Standard 20 - 50 dB	High 40 - 70 dB	Medical <5µA	Medical <80µA	Standard <0.5mA
 DG12 IP67 variants pre-wired, double pole CBE	1-10A IEC 1-15A UL/CSA	C14 / C18	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
 DF12 Recessed switch pre-wired, double pole CBE	1-10A IEC 1-15A UL	C14	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
 5145 Pre-wired, double pole CBE	1-10A IEC 1-15A UL	C14 / C18	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
 EF12 Recessed switch pre-wired, double pole CBE	12-16A IEC 12-20A UL	C20	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

Web information

















At [schurter.com](https://www.schurter.com) you can enter the component type (e.g. TA35) into the search box and download the data sheets containing all relevant details.

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Connectors & Power Entry Modules

Connector type	Extras	IEC connector type						Features						Mounting					Connection								
		Inlet	Outlet	Protection class I	Protection class II	Max. pin temperature [°C]	V-Lock cord retaining	Enhanced glow wire tested*	Fuseholder 1-pole	Fuseholder 2-pole	Switch 1-pole	Switch 2-pole	Switch illuminated	Circuit breaker	Voltage selector	Components prewired	Screw-on front	Screw-on rear	Snap-in	Drop-in	Sandwich	Quick connect	Solder terminals	Screw terminals	PCB	IDC terminals	Alternate type with line filter
IEC 2.5 A / UL 2.5 / 7 A																											
	2576 2578		•		C8	70											•	•				•	•	•			5008
	2570		•		C8	70												•		•	•						
	2577 2579	Polarized Polarized	•		C8p	70											•				•	•	•			5008	
	2561				C6	70											•				•	•	•				
	2562				C6	70											•				•	•	•				
	2563	Retaining bracket	•		C6	70													•		•	•	•				
	2565		•		C6	70												•			•	•					
	5084 5086		•		D	70											•				•	•					
	5083		•		D	70												•			•						
	CMF1 / CMF4 CMF2 / CMF5 CMF3 / CMF6	Polarized	•		C8	70				•							•						•				
IEC 10 A / UL 15 A																											
	6080 with SC54C13KS Cordset	IP 54 Under Load			C14	C14	70										•				•						
	6100-3 6100-4	IP 54 option	•					•									•	•			•	•				5120 5110	
	6102-3 6102-5		•		C18	70		•									•	•			•	•				5120	
	6150		•		C14	70												•					•				
IEC 10 A SMART CONNECTORS																											
	DT 31 External Inter- face	WiFi / Bluetooth Cloud- based			C14	70	•	•			•			•												C13	
	DS11 For Equipment	WiFi / Bluetooth Cloud- based	•		C14	70	•	•			•			•	•	•					•						

*Suitable for use in unattended home appliances according to IEC 60335-1 GWT





























 Available with bio-based plastics

Connectors & Power Entry Modules

Connector type	Extras	IEC connector type						Features						Mounting					Connection									
		Inlet	Outlet	Protection class I	Protection class II	Max. pin temperature [°C]	V-Lock cord retaining	Enhanced glow wire tested*	Fuseholder 1-pole	Fuseholder 2-pole	Switch 1-pole	Switch 2-pole	Switch illuminated	Circuit breaker	Voltage selector	Components prewired	Screw-on front	Screw-on rear	Snap-in	Drop-in	Sandwich	Quick connect	Solder terminals	Screw terminals	PCB	IDC terminals	Alternate type with line filter	
	1061			C14	C18	70																						
	6010 6015			C14	C18	70																						
	6048			C14		70																						
	6061 6061-G	Gold plated contacts		C14	C18	70																						
	6130			C14		70																						
	GSP1			C14	C18	70																						
	GSP2			C14	C18	70																						
	4761	IP 67		S16																								
	6110-3 6110-4			C16	C16	120																						
	6120-3 6120-5			C16A	C16A	155																						
	DC11			C14	C18	70																					DC12	
	DC21			C14		70																					DC22	
	KEB1 KEB2			C14		70																					DC12	
	6135			C14		70																						
	6145			C14	C18	70																					5145	
	DF11			C14		70																					DF12	
	DG11	IP 67 or IP40		C14	C18	70																					DG12	

*Suitable for use in unattended home appliances according to IEC 60335-1 GWT







Connectors & Power Entry Modules

Connector type	Extras	IEC connector type							Features							Mounting					Connection						
		Inlet	Outlet	Protection class I	Protection class II	Max. pin temperature [°C]	V-Lock cord retaining	Enhanced glow wire tested*	Fuseholder 1-pole**	Fuseholder 2-pole**	Switch 1-pole	Switch 2-pole	Switch illuminated	Circuit breaker	Voltage selector	Components prewired	Screw-on front	Screw-on rear	Snap-in	Drop-in	Sandwich	Quick connect	Solder terminals	Screw terminals	PCB	IDC terminals	Alternate type with line filter
IEC 10A / UL 15 A																											
	KEA KEA-Print		• •	C14 C14	C18 C18	70 70	• •	• •	• •					•	•	• •	• •	• •			•						KFA
	6200 6202 6205		• • •	C14 C14		70 70 70	• • •	• • •							•	• • •	• • •				• • •						5200
	6220		•	C14		70			•						•	• • •	• • •				• •						5220
	6250 6255		• •	C14 C14		70 70	• •	• •									• •							• •			
	1062		•	C14	C18	70		•	•						•	•					• •						
	1064	Versions in white	•	C14	C18	70		•	•						•						• •						
	4707		•	C14	C18	70	•	•	•						•	• •	• •				• •						5707
	GSF1 GSF2		• •	C14 C14	C18 C18	70 70	• •	• •	• •						• •	• •	• •				•						
	KE KEC		• •	C14 C14	C18 C18	70 70	• •	• •	• •					•	•	• •	• •	• •			• •						CE KFC
	DD11		•	C14	C18	70	•	•	•	•	•				•	•					•						DD12
	DD21		•	C14	C18	70	•	•	•	•	•				•	•								•			DD22
	KM	 Shielded version	•	C14	C18	70		•	•	•	•										•						KMF
	6765 6762		• •	C14 C14	C18 C18	70 70	• •	• •	• •	• •						• •	• •				• •						FKH FKI
	KD		•	C14		70	•	•	•	•				•	•	• •	• •				•						CD
	KG		•	C14		70	•	•	•					•	•	• •	• •				•						CG
	6600-3 6600-4 6602-4		• • •	F F H		70 70 70	• • •	• • •							•		•				• • •						
	6600-5	Light pipe	•	F		70	•	•									•						•				
	6610-5	Light pipe	•	F		70	•										•							•			

*Suitable for use in unattended home appliances according to IEC 60335-1 GWT
















**Fuseholder according to IEC 60127-6 revision for increased fire safety GWT

Connectors & Power Entry Modules




















Connector type	Extras	IEC connector type						Features						Mounting					Connection									
		Inlet	Outlet	Protection class I	Protection class II	Max. pin temperature [°C]	V-Lock cord retaining	Enhanced glow wire tested*	Fuseholder 1-pole	Fuseholder 2-pole	Switch 1-pole	Switch 2-pole	Switch illuminated	Circuit breaker	Voltage selector	Components prewired	Screw-on front	Screw-on rear	Snap-in	Drop-in	Sandwich	Quick connect	Solder terminals	Screw terminals	PCB	IDC terminals	Alternate type with line filter	
IEC 10 A / UL 15 A																												
	6610	Cross & along versions		•	F	70	•											•									•	
	6650			•	F	70												•									•	
	4721 4723	Shuttered Shuttered		•	F	70												•										
	4787 4788			•	F	70												•										
	5091			•	F	H	70											•									•	
	5001			•	F	H	70											•									•	
	4719	Shuttered, neon indication		•	F	70		•										•										
IEC 16 A / UL 20 A																												
	4798 4793			•	C20	70	•	•										•									•	5130 C20F
	GSP4			•	C20	C24	70	•	•									•	•	•	•						•	
	1681	Hot conditions		•	C22	155	•											•	•								•	C22F
	EC11			•	C20	C24	70	•	•	•				•	•	•		•									•	EC12
	6136			•	C20	70	•			•	•	•		•	•	•		•										
	EF11	Undervoltage release		•	C20	70	•			•	•	•		•	•	•		•									•	EF12
	4797-5	Light pipe		•	J	70	•	•										•									•	
	4797			•	J	L	70	•	•									•	•								•	
	4710	Cross & along versions		•	J	70	•											•									•	
	4710-5	Light pipe		•	J	70	•											•									•	
	5017			•	J	70												•									•	
IEC 2.6 kW 400 VDC																												
	GS21	IEC Socket-outlet TS 62735-1 400 VDC		•	Sheet 1	-5 to 105 Operating temp												•								•	•	

*Suitable for use in unattended home appliances according to IEC 60335-1 GWT




















Cordsets

Connector type	IEC connector type				Cable			Plug			North America					South America	Europe					Asia																			
	Protection class I	Protection class II	Max. pin temperature [°C]	V-Lock cord retaining	Cord type	Conductor cross section	Length	Country	Standard	Style	UR	cURus	UL	cULus	CSA	Argentina	TUV	VDE	ENEC	ASTA	BSI	DEMKO	FIMKO	IMQ	KEMA	NEMKO	OEVE	SEMKO	SEV	ISI	METI	CCC	Australia								
RATED CURRENT AC MAX. IEC 2.5 A																																									
 6013.0474	C7	70			H03VVH2-F2G0.75	2x0.75 mm ²	2.0 m	EU	IEC 60884-1/EN50075	Straight								•	•																						
 6013.0478	C7	70			H05VVH2-F2G0.75	2x0.75 mm ²	4.0 m	EU	IEC 60884-1/EN50075	Straight								•	•																						
 6052.0042	C5	70			H05VV-F3G0.75	3x0.75 mm ²	2.0 m	EU	CEE 7 / VII	Straight								•	•																						
RATED CURRENT AC MAX. UL 7 A																																									
 6051.2071	C13	70	•		VCTF	3x0.75 mm ²	1.5 m	JP	JIS 8303	Straight																															
 6010.5274	C7	70			NISPT-2	2 x 18 AWG	2.0 m	US	NEMA 1-15	Straight		•		•																											
 6010.5278	C7	70			SVT / NISP-2	2 x 18 AWG	4.0 m	US	NEMA 1-15	Straight		•		•																											
 6051.0018	C7	70			SVT	2 x 18 AWG	2.5 m	US	NEMA 1-15	Straight		•		•																											
 6052.0043	C5	70			SVT	3 x 18 AWG	1.8 m	US	NEMA 5-15	Straight		•		•																											
RATED CURRENT AC MAX. IEC 7 A																																									
 6047.6414	C13	70			HVCT-F3G0.75	3x0.75 mm ²	2.0 m	JP	JIS 8303	Straight																															
RATED CURRENT AC MAX. UL 10 A																																									
 3-108-993	C13	70	•		RVV 300 / 500	3x0.75 mm ²	1.0 m	CN	GB 2099	Straight																															
 3-100-527	C13	70	•		RVV 300 / 500	3x1.0 mm ²	5.0 m	CN	GB 2099	Straight																															
 6050.2001	C13	70	•		SJT	3 x 18 AWG	2.0 m	US	NEMA 5-15	Straight		•		•																											
 6051.2032	C13	70	•		RVV 300 / 500	3x1.0 mm ²	2.0 m	CN	GB 2099	Straight																															
 6051.2061	C13	70	•		SJT	3 x 18 AWG	1.5 m	US	NEMA 5-15	Straight		•		•																											
 6051.2070	C13	70	•		V-75	3x0.75 mm ²	1.5 m	AU	AS 3112	Straight																															

















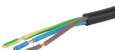

Cordsets

Connector type	IEC connector type				Cable		Plug			North America					South America	Europe					Asia														
	Protection class I	Protection class II	Max. pin temperature [°C]	V-Lock cord retaining	Cord type	Conductor cross section	Length	Country	Standard	Style	UR	cURus	UL	cULus	CSA	Argentina	TUV	VDE	ENEC	ASTA	BSI	DEMKO	FIMKO	IMQ	KEMA	NEMKO	OEVE	SEMKO	SEV	ISI	METI	CCC	Australia		
RATED CURRENT AC MAX. IEC 2.5 A																																			
 6051.2081	C13	70	•	SJT	3 x 18 AWG	3.0 m	US	NEMA 5-15	Straight		•		•																						
 6051.2095	C13	70	•	SJT	3 x 18 AWG	3.0 m	US	NEMA 5-15	Straight			•		•																					
 6051.2151	C13	70	•	SJT	3 x 18 AWG	5.0 m	US	NEMA 5-15	Straight			•		•																					
 3-101-794	C17	70	•	SJT	2 x 18 AWG	3.0 m	US	NEMA 1-15	Straight			•		•																					
 6051.2801	C17	70	•	SJT	2 x 18 AWG	2.0 m	US	NEMA 1-15	Straight			•		•																					
 6051.2811	C17	70	•	SJT	2 x 18 AWG	2.0 m	US	NEMA 1-15	Straight			•		•																					
 4300.0920	C13 - Hospital	70		SJT	3 x 18 AWG	3.0 m	US	NEMA 5-15	Straight			•		•																					
 6009.1204	Uninsulated Wires	105		SVT	3 x 18 AWG	2.0 m	US	NEMA 5-15	Straight			•		•																					
 6009.1214	C13	70		SVT	3 x 18 AWG	2.0 m	US	NEMA 5-15	Straight			•		•																					
 6009.1315	C13	70		SJT	3 x 18 AWG	2.5 m	US	NEMA 5-15	Straight			•		•																					
 3-101-170	C17	70		SJT	2 x 18 AWG	2.5 m	US	NEMA 1-15	Straight			•		•																					
RATED CURRENT AC MAX. IEC 10 A																																			
 3-100-354	C13	70	•	H05VV-F3G0.75 / SVT	3x0.75 mm ² / 3 x 18 AWG	0.6 m	INT	IEC 60320-1	Straight		•						•								•										
 3-100-355	C13	70	•	H05VV-F3G0.75 / SVT	3x0.75 mm ² / 3 x 18 AWG	1.2 m	INT	IEC 60320-1	Straight		•						•								•										
 3-100-356	C13	70	•	H05VV-F3G0.75 / SVT	3x0.75 mm ² / 3 x 18 AWG	1.5 m	INT	IEC 60320-1	Straight		•						•								•										
 3-100-361	C13	70	•	SVT	3 x 18 AWG	3.0 m	INT	IEC 60320-1	Straight		•			•																					
 3-100-523	C13	70	•	H05VV-F3G1.0	3x1 mm ²	5.0 m	BR	NBR 14136	Straight							•																			
 3-100-524	C13	70	•	H05VV-F3G1.0	3x1 mm ²	5.0 m	IT	CEI 23-50	Straight																•										
 3-100-526	C13	70	•	H05VV-F3G1.0	3x1 mm ²	5.0 m	ZA	SANS 164-1	Straight																										
 3-100-734	C13	70	•	H05VV-F3G0.75 / SVT	3x0.75 mm ² / 3 x 18 AWG	1.8 m	INT	IEC 60320-1	Straight		•						•								•										















Cordsets

Connector type	IEC connector type				Cable			Plug			North America					South America	Europe						Asia											
	Protection class I	Protection class II	Max. pin temperature [°C]	V-Lock cord retaining	Cord type	Conductor cross section	Length	Country	Standard	Style	UR	cURus	UL	cULus	CSA	Argentina	TUV	VDE	ENEC	ASTA	BSI	DEMKO	FIMKO	IMQ	KEMA	NEMKO	OEVE	SEMKO	SEV	ISI	METI	CCC	Australia	
 3-101-501	C13	70	•	H05VV-F3G1.0	3 x 1 mm ²	2.0 m	AR	IRAM 2073	Straight						•																			
 3-101-514	C13	70	•	IS 694	3 x 1 mm ²	2.0 m	IN	IS 1293	Straight																									•
 3-107-569	C13	70	•	H05VV-F3G1.0	3 x 1 mm ²	2.0 m	IT	CEI 23-50	Straight														•											
 3-107-570	C13	70	•	H05VV-F3G1.0	3 x 1 mm ²	2.0 m	ZA	SANS 164-1	Straight																									
 6051.2003	C13	70	•	H05VV-F3G1.0	3 x 1 mm ²	2.0 m	DE	CEE 7 / VII	Straight													•	•	•	•	•	•	•						
 6051.2004	C13	70	•	H05VV-F3G1.0	3 x 1 mm ²	2.0 m	DE	CEE 7 / VII	Angled													•	•	•	•	•	•							
 6051.2007	C13	70	•	H05VV-F3G0.75 / SVT	3x0.75 mm ² / 3 x18 AWG	2.0 m	INT	IEC 60320-1	Straight	•														•										
 6051.2008	C13	70	•	H05VV-F3G1.0	3 x 1 mm ²	2.0 m	UK	BS 1363	Angled										•															
 6051.2015	C13	70	•	H05VV-F3G1.0	3 x 1 mm ²	2.5 m	CH	SEV Typ 12	Straight																								•	
 6051.2016	C13	70	•	H05VV-F3G1.0	3 x 1 mm ²	2.5 m	BR	NBR 14136	Straight							•																		
 6051.2027	C13	70	•	H05VV-F3G0.75	3x0.75 mm ²	1.2 m	INT	IEC 60320-1	Straight															•										
 6051.2030	C13	70	•	V-75	3 x 1 mm ²	2.0 m	AU	AS 3112	Straight																									•
 60151.2037	C13	70	•	H05VV-F3G0.75	3x0.75 mm ²	0.6 m	INT	IEC 60320-1	Straight															•										
 6051.2063	C13	70	•	H05VV-F3G0.75	3x0.75 mm ²	1.5 m	DE	CEE 7 / VII	Straight													•	•	•	•	•	•							
 6051.2067	C13	70	•	H05VV-F3G0.75	3x0.75 mm ²	1.5 m	INT	IEC 60320-1	Straight															•										
 6051.2160	C13	70	•	V-75	3 x 1 mm ²	5.0 m	AU	AS 3112	Straight																									•
 6051.2183	C13	70	•	H05VV-F3G1.0	3 x 1 mm ²	4.0 m	DE	CEE 7 / VII	Straight													•	•	•	•	•	•							
 6051.2185	C13	70	•	H05VV-F3G1.0	3 x 1 mm ²	4.0 m	CH	SEV Typ 12	Straight																								•	
 6051.2188	C13	70	•	H05VV-F3G1.0	3 x 1 mm ²	4.0 m	UK	BS 1363	Angled											•														










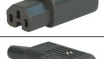









Cordsets

Connector type	IEC connector type				Cable			Plug			North America			South America	Europe						Asia														
	Protection class I	Protection class II	Max. pin temperature [°C]	V-Lock cord retaining	Cord type	Conductor cross section	Length	Country	Standard	Style	UR	cURus	UL	cULus	CSA	Argentina	TUV	VDE	ENEC	ASTA	BSI	DEMKO	FIMKO	IMQ	KEMA	NEMKO	OEVE	SEMKO	SEV	ISI	METI	CCC	Australia		
 6051.2190	C13	70	•	V-75	3 x 1 mm ²	4.0 m	AU	AS 3112	Straight																									•	
 3-101-184	C17	70	•	H05VV-F2G1	2 x 1.0 mm ²	2.0 m	UK	BS 1363	Angled										•																
 3-101-185	C17	70	•	H05VV-F2G1	2 x 1.0 mm ²	2.0 m	CH	SEV Typ 11	Straight									•																	
 3-101-795	C17	70	•	H05VV-F2G1	2 x 1.0 mm ²	3.0 m	EU	CEE 7 / XVII	Straight									•																	
 3-102-363	C17	70	•	H05VV-F2G1	2 x 1.0 mm ²	3.0 m	UK	BS 1363	Angled										•																
 3-102-364	C17	70	•	H05VV-F2G1	2 x 1.0 mm ²	3.0 m	CH	SEV Typ 11	Straight									•																	
 6051.2803	C17	70	•	H05VV-F2G1	2 x 1.0 mm ²	2.0 m	EU	CEE 7 / XVII	Straight									•																	
 6051.2813	C17	70	•	H05VV-F2G1	2 x 1.0 mm ²	2.0 m	EU	CEE 7 / XVII	Straight									•																	
 6004.0114	C13	70		H05VV-F3G0.75	3x0.75 mm ²	2.0 m	EU	CEE 7 / VII	Straight									•																	
 6004.0215	C13	70		H05VV-F3G1.0	3 x 1 mm ²	2.5 m	EU	CEE 7 / VII	Angled									•																	
 6003.0215	C13	70		H05VV-F3G1.0	3 x 1 mm ²	2.5 m	EU	CEE 7 / VII	Straight									•																	
 6004.0225	C13	70		H05VV-F3G1.0	3 x 1 mm ²	2.5 m	EU	CEE 7 / VII	Angled									•				•													
 6052.0026	C13	70		H05VV-F3G1.0	3 x 1 mm ²	5.0 m	EU	CEE 7 / VII	Straight									•				•													
 6052.0039	C17	70		H05VV-F2G1	2 x 1.0 mm ²	2.5 m	EU	CEE 7 / XVII	Straight									•				•													
 6000.0224	C13	70		H05VV-F3G1.0	3 x 1 mm ²	2.0 m		Uninsulated Wires										•																•	
 6000.0214	C13	70		H05VV-F3G1.0	3 x 1 mm ²	2.0 m		Uninsulated Wires										•																	
 6007.0204	Uninsulated Wires	70		H05VV-F3G1.0	3 x 1 mm ²	2.0 m	INT	IEC 60320-1	Straight									•				•												•	
 6007.0212	C13	70		H05VV-F3G1.0	3 x 1 mm ²	1.0 m	INT	IEC 60320-1	Straight									•																	•





Cordsets

Connector type	IEC connector type				Cable			Plug			North America					South America	Europe							Asia											
	Protection class I	Protection class II	Max. pin temperature [°C]	V-Lock cord retaining	Cord type	Conductor cross section	Length	Country	Standard	Style	UR	cURus	UL	cULus	CSA	Argentina	TUV	VDE	ENEC	ASTA	BSI	DEMKO	FIMKO	IMQ	KEMA	NEMKO	OEVE	SEMKO	SEV	ISI	METI	CCC	Australia		
RATED CURRENT AC MAX. IEC 16 A																																			
 6051.2147	C19	70	•	H05VV-F3G1.5	3 x 1.5 mm ²	1.0 m	INT	IEC 60320-1	Straight								•								•										
 6051.2197	C19	70	•	H05VV-F3G1.5 / SJT	3 x 1.5 mm ² / 3 x 14 AWG	1.0 m	INT	IEC 60320-1	Straight	•				•			•								•									•	
 6051.2047	C19	70	•	H05VV-F3G1.5	3 x 1.5 mm ²	2.0 m	INT	IEC 60320-1	Straight								•								•										
 3-108-857	C19	70	•	H05VV-F3G1.5	3 x 1.5 mm ²	6.0 m	AU	AS 3112	Straight																										•
 6051.2050	C19	70	•	H05VV-F3G1.5	3 x 1.5 mm ²	2.0 m	AU	AS 3112	Straight																										•
 3-102-501	C19	70	•	RVV 300/500	3 x 1.5 mm ²	6.0 m	CN	GB 2099	Straight																										•
 6051.2052	C19	70	•	RVV 300/500	3 x 1.5 mm ²	2.0 m	CN	GB 2099	Straight																										•
 6051.2123	C19	70	•	H05VV-F3G1.5	3 x 1.5 mm ²	6.0 m	EU	CEE 7 / VII	Straight								•								•										
 6051.2129	C19	70	•	H05VV-F3G1.5	3 x 1.5 mm ²	6.0 m	-	Uninsulated Wires	-								•								•										
 6004.0395	C19	70		H05VV-F3G1.5	3 x 1.5 mm ²	2.5 m	EU	CEE 7 / VII	Angled								•																		
 6020.0392	C19	70		H05VV-F3G1.5	3 x 1.5 mm ²	1.0 m	INT	IEC 60320-1	Straight								•																		
 6020.0394	C19	70		H05VV-F3G1.5	3 x 1.5 mm ²	2.0 m	INT	IEC 60320-1	Straight								•																		
 6051.5001	C21	105		H05VV-F3G1.5	3 x 1.5 mm ²	2.5 m	EU	CEE 7 / VII	Angled																										
RATED CURRENT AC MAX. IEC 16 A / UL 20 A																																			
 VAC19KS	C19	70	•	Various	Various	Various	-	Various	-																										

Cord Connectors

Connector type	Extras	Connector type				Design						North America					Europe			Asia				
		Plug	Connector	IEC type	Max. pin temperature [°C]	Straight	Angled	Max. wire size [mm ²]	Max. wire size [AWG]	Max. cable dia. [mm]	Wire bail cord retaining	Latch cord retaining	cULus	UR	cURus	UL	CSAus	CSA	VDE	ENEC05 - KEMA	ENEC10 - VDE	CCC	PSE - METI	
REWIREABLE CORD CONNECTORS IEC 10 A / UL 15 A																								
	4732 / 4733		•	E	70	•	•	1	18	8.5	•	•							•			•		
			•	E	70		•	1	18	8.5		•							•			•		
	4735 / 4736		•	E	70	•		1.5	14	10.0	•	•							•			•		
			•	E	70		•	1.5	14	10.0		•							•			•		
	9009		•	E	70	•		1.5		8		•								•		•		
	P685		•	E	70		•	1	18	8.5			•											
	4782			C13	70	•		1	18	8.5	•	•									•	•		
				C13	70			1.5	14	10.0		•										•	•	
	4783			C13	70	•		0.75	18	8.5		•										•	•	
				C13	70			1	14	10.0												•	•	
	4785			C13	70		•	1	18	8.5		•										•	•	
				C13	70		•	1.5	14	10.0												•	•	
	4300-06			C13	70		•	1	18	8.5				•							•			
	4762	IP 67		Special		•		1.5	14	10.0	•			•							•			
	4781			C15	120	•		1	18	8.5	•	•									•			
				C15	120			1.5	14	10.0												•		
	4784			C15	120		•	1	18	8.5		•										•		
				C15	120			1.5	14	10.0												•		
	4771			C15A	155		•	1	16	10.0		•										•	•	
				C15A	155		•	1	16	10.0		•										•	•	
	4772			C15A	155		•	1	16	10.0		•										•	•	
				C15A	155		•	1	16	10.0		•										•	•	
REWIREABLE CORD CONNECTORS IEC 16 A / UL 20 A																								
	4796		•	I	70	•		1.5	14	10.0	•	•									•	•		
	4789		•	I	70		•	1.5	16	8.7		•									•	•		
				I	70			1.5	14	10.0												•	•	
	4300.0922		•	I	70	•		2.5	12	12.0					•	•								
	4795			C19	70	•		1.5	14	10.0	•	•										•	•	
	4790			C19	70		•	1.5	16	8.7		•										•	•	
				C19	70			1.5	14	10.0												•	•	
	0104U			C19	70	•		2.5	12	13.0			•									•	•	
	4300.0921			C19	70	•		2.5	12	12.0				•	•									
	1658 / 1659	Hot conditions		C21	155	•		1.5	10	16.0		•										•	•	
				C21	155		•	1.5	10	16.0		•										•	•	
REWIREABLE CORD PLUG IEC 2.6 kW 400 VDC																								
	GP21	IEC Plug TS 62735-1 400 VDC	•	Sheet 2	-5 to 105 Operating temp	•		1.5	16	9.2	•			•							•			

Distribution Units

Connector type	Power input	Outlets	Number of outlets		Approvals						
					VDE	ENEC	UR	cUR	CSA	CCC	TUV
DISTRIBUTION UNITS IEC 10 A / UL 15 A											
	0712	Appliance inlet C14	Appliance outlet type F	1		•	•		•	•	
	4741	Appliance inlet C14	Appliance outlet type F	2							
	4750 Quick connect PCB or solder terminals		Appliance outlet type F	2 up to 7		•		•		•	
	4751 Quick connect terminals		Appliance outlet type F	2 up to 6		•	•			•	
	4752 Quick connect or solder terminals		Appliance outlet type F	4		•	•	•			
	4747	Appliance inlet C14	Appliance outlet type F	4			•	•		•	
	4748	Power supply cord	Appliance outlet type F	4	Different main plugs available				•		
	4740	Appliance inlet C14 or power supply cord	Appliance outlet type F	4, 5, or 6	Optional: switch, fuseholder or line filter						
	Felcom 64	Appliance inlet C14	Appliance outlet type F	1	Modular system on PCB		•	•			
DISTRIBUTION UNITS UL 15 A											
	NR010 IDC or quick connect terminal			1	NEMA line outlet 5-15R				•		
	NR020 Snap-in			1	Insulated wall between terminals				•		
	NR021 Solder terminals			1	Tamper resistant shutters				•		
DISTRIBUTION UNITS IEC 2.6 kW 400 VDC											
	GS21 Quick connect or PCB terminals		Socket-outlet Sheet 1	1	Mating rewirable plug GP21	•		•			
ACCESSORY											
	Blind Cover BC320	Accessory blind cover BC320 for preventing access to outlets, IEC style F. Tamper-proof, key removal required.									



























Web Information

At schurter.com you can enter the connector type (e.g. 6610) into the search box and download the data sheets containing all relevant details.

Customized solutions

In addition to its broad product range, SCHURTER also offers individual services to fulfill all customer requirements. We will build specific samples and provide you with your customized solution. Please submit your request using the contact form on our website schurter.com/en/contact.

Power Entry Modules with Filter

PEM type	Filter type	Current range	IEC connector type		Features							Mounting			Connection			Filter		
			Protection class I	Protection class II	V-Lock cord retaining	Fuseholder 1-pole**	Fuseholder 2-pole**	Switch 1-pole	Switch 2-pole	Switch illuminated	Voltage selector	Screw front	Screw rear	Snap-in	PCB	Quick-Connect	Solder	Wire leads	Screw terminals	Attenuation
Appliance inlet 125/250 VAC																				
2576 2578	 	5008 Plastic housing ECO design unpotted	0.5 - 2.5 A IEC 0.5 - 6 A UL	C8																
6100	 	5110 Potted optional C X2 100nF	1-10 A IEC 1-15 A UL	C14																
		5121 Metal or plastic flange / snap-in	1-10 A IEC 1-15 A UL	C14																
		5120 Metal or plastic flange / snap-in ECO design unpotted	1-10 A IEC 1-15 A UL	C14 C18																
		5123 High attenuation ECO design unpotted	1-10 A IEC 1-15 A UL	C14 C18																
		5124 Very high attenuation ECO design unpotted	1-10 A IEC 1-15 A UL	C14																
		5130 ECO design unpotted metal flange / snap-in	16 A IEC 20 A UL	C20																
4798	 	C20F* Optional C X1 optional C X2 330nF optional PE choke	16 A IEC 20 A UL	C20																
1681*	 	C22F High temperature 65°C UL/75°C IEC	16 A IEC 20 A UL	C22																
Appliance inlet with fuse holder																				
6200	 	5200 Compact spare fuse comp.	1-10 A	C14																
6220	 	5220 Compact optional C X2 100nF	1-10 A	C14																
KEA	 	KFA Optional step vs optional PE choke	1-10 A	C14																
		DA22 Optional C X1, Y1 optional C X2 220nF	1-10 A	C14																
4707	 	5707 IP65 water proof optional white color	1-8 A	C14 C18																
KEC	 	KFC Fuse: 5x20/6.3x32 step vs voltage selec- tor	1-10 A	C14																
KE	 	CE Fuse: 5x20/6.3x32 serie/parallel voltage selector	1-10 A	C14																

*Suitable for use in unattended appliances according to IEC 60335-1 GWT




**Fuseholder according to IEC 60127-6 revision for increased fire safety GWT

Power Entry Modules with Filter

PEM type	Filter type	Current range	IEC connector type		Features								Mounting			Connection			Filter			
			Protection class I	Protection class II	V-Lock cord retaining	Fuseholder 1-pole**	Fuseholder 2-pole**	Switch 1-pole	Switch 2-pole	Switch illuminated	Voltage selector	Screw front	Screw rear	Snap-in	PCB	Quick-Connect	Solder	Wire leads	Standard 20-50 dB	High 40-70 dB	Medical <5µA	Medical <80µA
Appliance inlet with switch																						
DC11		DC12 For high inrush current optional white color	0 — 10 — 20 A 1-10 A	C14 C18	•			•	•	•			•	•	•		•		•	•	•	•
DC21		DC22 For high inrush current optional C X1	0 — 10 — 20 A 1-10 A	C14	•												•		•	•	•	•
EC11		EC12 Pre-wired for high inrush current	0 — 10 — 20 A 12-16 A IEC 12-20 A UL	C20	•												•		•	•	•	•
Appliance inlet with fuse holder and switch																						
DD11		DD12 Ultra compact optional PE choke	0 — 10 — 20 A 1-10 A IEC 1-8 A UL	C14	•	•	•										•		•	•	•	•
DD11		DD14 Ultra compact 2-stage filter	0 — 10 — 20 A 1-10 A IEC 1-8 A UL	C14	•	•	•										•		•	•	•	•
DD21		DD22 PCB mounting for high inrush current	0 — 10 — 20 A 1-10 A	C14	•	•	•	•	•								•		•	•	•	•
KM		KMF Ultra compact	0 — 10 — 20 A 1-10 A	C14 C18		•	•										•		•	•	•	•
KD		CD Multifunctional fuse: 5x20 / 6.3x32	0 — 10 — 20 A 1-10 A	C14	•	•	•										•		•	•	•	•
KG		CG Multifunctional fuse: 5x20 / 6.3x32	0 — 10 — 20 A 1-10 A	C14	•	•	•										•		•	•	•	•
6765		FKH Compact side flange mounting	0 — 10 — 20 A 1-10 A	C14	•												•		•	•	•	•
		FKI Compact side flange mounting	0 — 10 — 20 A 1-10 A	C14		•											•		•	•	•	•
6765		FKHD / FKID Double stage filter side flange mounting	0 — 10 — 20 A 1-10 A	C14	•												•		•	•	•	•
Felcom 64		Felcom 54 Modular system on PCB	0 — 10 — 20 A 1-10 A	C14		•	•										•		•	•	•	•
Appliance inlet with circuit breaker																						
DG11		DG12 IP67 water proof	0 — 10 — 20 A 1-10 A IEC 1-15 A UL	C14 C18	•												•		•	•	•	•
DF11		DF12 Recessed switch pre-wired	0 — 10 — 20 A 1-10 A IEC 1-15 A UL	C14	•												•		•	•	•	•
6145		5145 Pre-wired	0 — 10 — 20 A 1-10 A IEC 1-15 A UL	C14 C18													•		•	•	•	•
EF11		EF12 Recessed switch pre-wired	0 — 10 — 20 A 12-16 A IEC 12-20 A UL	C20	•												•		•	•	•	•

**Fuseholder according to IEC 60127-6 revision for increased fire safety GWT

Power Entry Modules with Filter

Filter type	Rated voltage	Current range 0 15 32 A	IEC connector type		Approvals		Mounting			Connection				Filter							
			Protection class I	Protection class II	ENEC	cURus	Screw front	Screw rear	Snap-in	PCB	Quick-Connect	Solder	Wire leads	Screw terminals	Attenuation		Leakage current				
Pin & sleeve connectors IEC 60309																					
	FMAB CEE 1- Phase CEE connectors with filter	110/125 VAC	16 - 30 A		CEE		•	•	•					•	•						
	FMAB CEE 1- Phase CEE connectors with filter	125/250 VAC 250 VAC	16 - 30 A 16 - 32 A		CEE		•	•	•					•	•				•	•	
	FMAD CEE 3- Phase CEE connectors with filter	277/480 VAC 240/415 VAC	16 - 30 A 16 - 32 A		CEE		•	•	•					•	•					•	•

Web information

At [schurter.com](https://www.schurter.com) you can enter the filter type (e.g. DC12) into the search box and download the data sheets containing all relevant details.

Customized solutions

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1-Phase AC Filters/DC Filters

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Filter type	Rated voltages	Current range 0 60 A	Application				Attenuation				Leakage current		Connection						
			General purpose	Industrial	Medical	IT / Telecom	Standard 20 - 50 dB	High 40 - 70 dB	Very high 60 - 80 dB	Excellent > 70 dB	Medical < 5 µA	Medical < 80 µA	Standard < 0.5 mA	Industrial > 0.5 mA	Cage clamp	Quick connect	Bolt and nut	Screw terminals	Wire leads
Single stage filter																			
	5500 Optional shield PCB mounting	125 VAC 250 VAC	1 - 10 A	•	•			•				•	•						•
	FMAB-72 Aluminum shield PCB mounting	125 VAC 250 VAC	2 - 16 A	•	•			•				•	•	•					•
	FMLB-09 / -41 / -51 Cost optimized	125 VAC 250 VAC	1 - 20 A	•	•	•		•				•	•	•		•			•
	FMW-41 / FMW-55 Optional surge protection / industrial application	125 VAC 250 VAC	1 - 10 A 10 - 20 A	•	•	•		•				•	•	•		•			•
	FMAB Broad band attenuation	125 VAC 250 VAC	12 - 30 A	•	•		•			•								•	
	FMAB NEO Ground line choke and Class II options	125 VAC 250 VAC	1 - 60 A	•	•	•	•			•		•	•	•		•	•		•
	FMAB HV High AC or DC voltages optional surge protection	277 VAC 400 VDC	1 - 20 A		•	•	•			•		•	•	•		•			
	FMAB RAIL DIN rail mounting	125 VAC 250 VAC	12 - 20 A	•	•					•	•					•	•		
	FMEB DC single pole	43 VDC 80 VDC	5 - 30 A		•								not applicable			•		•	•
	FMEC DC dual pole	± 80 VDC																	
Double stage filter																			
	FMBB Broad band attenuation	125 VAC 250 VAC	8 - 25 A	•	•					•			•	•				•	•
	FMBB EP Excellent attenuation	125 VAC 250 VAC	1 - 36 A		•					•			•	•	•		•		
	FMBB NEO Broad band attenuation optional surge protection	125 VAC 250 VAC	1 - 36 A	•	•	•				•			•	•	•		•		•
	FPBB RAIL DIN rail mounting optional fuse, CBE, and/or surge protection	250 VAC 250 VDC	1 - 16 A	•	•	•	•			•			•	•	•		•		
	FMBB RAIL DIN rail mounting	125 VAC 250 VAC	1 - 10 A	•	•					•	•							•	
	FSW High asymmetrical attenuation	125 VAC 250 VAC	3 - 36 A	•	•					•							•	•	
	FSS High symmetrical attenuation	125 VAC 250 VAC	1 - 10 A	•	•					•							•		•
Multi stage filter																			
	FMW-150 High attenuation	125 VAC 250 VAC	4 - 30 A	•	•					•	•							•	

3-Phase AC Filters/DC Filters


















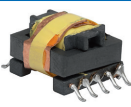

Filter type	Phases neutral	Rated voltages	Current range	Application				Attenuation				Leakage current				Connection			
				General purpose	Drives	Industrial	Renewable energy	Standard 20 - 50 dB	High 40 - 70 dB	Very high 60 - 80 dB	Excellent > 70 dB	Medical < 5 µA	Standard < 1 mA	Industrial < 15 mA	Industrial > 15 mA	Quick connect	Bolt and nut	Screw terminals	Bus bar
Single stage filter																			
 FMAC NEO Very high attenuation compact	3P	300 VAC 520 VAC	16 - 230 A	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
 FMAC Wide current range	3P	480 VAC 520 VAC	6 - 1100 A	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
 FMAC ECO Cost optimized	3P	480 VAC	16 - 150 A	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
 FMAC RAIL DIN rail mounting	3P	480 VAC	3 - 20 A	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
 FMAD NEO Very high attenuation	3P N	300 VAC 520 VAC	16 - 230 A	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
 FMAD CP Compact design	3P N	520 VAC	3 - 20 A	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
 FMAD RAIL DIN rail mounting	3P N	277 VAC 480 VAC	3 - 20 A	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
 FMER SOL High power DC photovoltaic Filter	2P	1200 VDC	25 - 2300 A	•	•	•	•	•	•	•	•	not applicable	•	•	•	•	•	•	
Double stage filter																			
 FMBC ECO Cost optimized	3P	480 VAC	10 - 115 A	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
 FMBC EP Very high attenuation Machine safety	3P	520 VAC 760 VAC	16 - 230 A	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
 FMBC NEO Light weight	3P	480 VAC 520 VAC	7 - 180 A	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
 FMBC LL Low leakage currents	3P	520 VAC	7 - 180 A	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
 FMBC BOOK STYLE Slim design	3P	480 VAC	10 - 115 A	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
 FMBC EP Very high attenuation Machine safety	3P	520 VAC 760 VAC	16 - 230 A	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
 FMBC NEO Excellent performance	3P N	300 VAC 520 VAC	8 - 200 A	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
Multi stage filter																			
 FMCC SOL Compact for high power	3P	520 VAC 760 VAC	150 - 2500 A	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
Output filter																			
 FMAC OUT High voltage	3P	550 VAC	8 - 32 A	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
Mounting Accessory for Compact 1- and 3-Phase Filters																			
 DIN Rail Kit Nickel plated steel		Complete mounting kit For quick and easy installation of panel-mount filters in the control cabinet		•	•	•	•	•	•	•	•	not applicable	•	•	•	•	•	•	

5/1/2023/US

Chokes

Type	Rated voltage	Current range			Inductance range			Style		Terminals				Features						
		0	25	50 A	0	50	100 mH	Horizontal	Vertical	SMD	THT	Wire leads	Quick-Connect	Screw	UL, CSA approval	ENEC approval	3D CAD data	PCB library	SPICE library	
1-phase current compensated choke																				
	DKFS SMD, compact	250 VAC	0.4 - 4 A			0.5 - 39 mH			•	•	•					•	•	•	•	•
	DKFP Wide range	250 VAC	0.3 - 10 A			0.5 - 100 mH			•	•	•					•	•	•	•	•
	DFKH Tall design	440 VAC	0.6 - 6.3 A			0.6 - 50 mH				•	•					•	•	•	•	•
	DFKF Flat design	440 VAC	0.4 - 6.3 A			0.6 - 40 mH			•		•					•	•	•	•	•
	DKIH-1 Nanocrystalline versions	300 VAC 425 VDC	10 - 50 A			0.15 - 6.9 mH			•		•					•	•	•	•	•
	DKIH-EVB PCB for filter design with DKIH-1 and capacitors	250 VAC 250 VDC	10 - 50 A			0.15 - 6.9 mH			•				•	•		•	•	•	•	•
	DKIV-1 Nanocrystalline versions	300 VAC 425 VDC	10 - 50 A			0.15 - 8.2mH				•	•					•	•	•	•	•
	DFK Fully potted	440 VAC	0.5 - 15 A			1 - 20 mH			•		•	•				•	•	•	•	•
	DKIP-1 Fully potted	540 VAC 760 VDC	10 - 50 A			1.1 - 12 mH			•			•				•	•	•	•	•
3-phase current compensated choke																				
	DKIH-3 Nanocrystalline versions	600 VAC	10 - 50 A			0.08 - 10.8 mH			•		•					•	•	•	•	•
	DKIH-4 Nanocrystalline versions	600 VAC	10 - 40 A			0.75 - 6.5 mH			•		•					•	•	•	•	•
	DKLP-3 High inductance	540 VAC 760 VDC	3 - 16 A			4 - 50 mH			•		•					•	•	•	•	•
	DKIP-3 Fully potted	540 VAC 760 VDC	10 - 50 A			0.6 - 5 mH			•			•				•	•	•	•	•
Linear choke																				
	DLNP Compact	600 VDC	0.6 - 1 A			0.05 - 0.1 mH				•	•						•	•	•	•
	DLH Tall design	600 VDC	0.45 - 7 A			0.02 - 5.5 mH				•	•						•	•	•	•
	DLF Flat design	600 VDC	0.45 - 7 A			0.015 - 3 mH			•		•						•	•	•	•

Chokes

Type	Rated voltage	Current range			Inductance range			Style		Terminals			Features						
		0	25	50 A	0	50	100 mH	Horizontal	Vertical	SMD	THT	Wire leads	UL, CSA approval	ENEC approval	3D CAD data	PCB library	SPICE library		
Storage choke																			
	DSHP Compact	600 VDC	0.6 - 1 A			0.04 - 0.1 mH				•		•						•	
	DSF Flat design	600 VDC	0.45 - 4.5 A			0.011 - 3.7 mH			•			•						•	
	DSH Tall design	600 VDC	0.45 - 4.5 A			0.01 - 2 mH				•		•						•	
	DS Fully potted	600 VDC	0.5 - 16 A			0.01 - 1 mH			•			•						•	
	DSO Open version	600 VDC	0.5 - 16 A			0.01 - 1 mH				•		•							
Saturating choke																			
	DFSG Fully potted	440 VAC	0.8 - 10 A						•			•						•	
	DLFP Linear/saturation choke	440 VAC	5 - 45 A			0.15 - 1 mH			•			•						•	
	DLFL Linear/saturation choke	440 VAC	5 - 45 A			0.15 - 1 mH			•			•						•	
Ground choke																			
	DEH Cylinder core		16 - 25 A			0.02 - 0.04 mH			•			•						•	
	DEN Fully potted		16 - 25 A			4 mH			•			•						•	
	DENO Open version		16 - 25 A			2 - 4 mH				•		•							
Pulse transformer																			
	IT High insulation rating	600 VAC	Turns ratio 1:1, 2:1, 1:1:1			Insulation 3.2 kVAC			•			•							•
	IS High insulation rating	600 VAC	1:1, 2:1, 1:1:1			3.2 kVAC			•		•							•	
	IL Cost optimized	500 VAC	1:1, 2:1, 1:1:1			2.2 kVAC			•			•						•	
	ILR Cost optimized	500 VAC	1:1, 2:1, 3:1, 1:1:1			2.2 kVAC			•			•						•	
	IX Up to 2 W	500 VAC	1:1:1, 3:1:1			2.2 kVAC			•			•						•	
Customized windings																			
	Windings on customized coil formers				Transformers, transmitter, chokes				Winding on toroids										

5/2/2023/US

Web Information

At schurter.com you can enter the choke type (e.g. DSF) into the search box and download the data sheets containing all relevant details.




Customized solutions

In addition to its broad product range, SCHURTER also offers measurement services to ensure all customer requirements for EMC compliance. We will also build specific samples and provide you with your individual EMC solution. Please submit your request using the contact form on our website schurter.com/en/contact.

Pushbutton Switches

Web Information

At schurter.com you can enter the switch type (e.g. MCS) into the search box and download the data sheets containing all relevant details.

Switch types	Rated voltages	Current range	Application							Illumination				Special features				Connection								
			General purpose	Terminal equipment	Medical	Sanitary	Maritime industry	Food service & processing industry	Explosion proof / intrinsically safe	Transportation / public application	Point illumination	Ring illumination	Full surface backlighting	Various color options	Multicolor (RGB)	Lettering	Various housing colors	Stainless steel versions	Aluminium versions and others	IP - Protection	Mechanical impact resistance	PCB / Pin connection	Quick connect	Soldering terminal	Fast wiring with screw	Wire leads
Switches with mechanical actuation																										
 MCS 16 momentary, short stroke	48 VDC	80/125 mA	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	IP 67	IK 06	•	•	•	•	•	•	•
 MCS 19 momentary, short stroke	24/48 VDC	80/125 mA	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	IP 65	IK 05	•	•	•	•	•	•	•
 MCS 30 momentary, short stroke	48 VDC	125 mA	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	IP 65	IK 05	•	•	•	•	•	•	•
 MCS ES 18, 22 momentary	36 VDC 220 VAC	0.5 - 2 A	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	IP 65	IK 09	•	•	•	•	•	•	•
 MSM II momentary, sub-miniature switch, ESD rated	30 VDC 125/250 VAC	0.1 - 10 A	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	IP 67	IK 07	•	•	•	•	•	•	•
 MSM DP 19, 22, 30 DP - double pole	30 VDC 125/250 VAC	0.1 - 10 A	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	IP 64	IK 07	•	•	•	•	•	•	•
 MSM LA 19, 22 LA - latching (on-off)	30 VDC 125/250 VAC	12 A, 16 A	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	IP 64	IK 07	•	•	•	•	•	•	•
 MSM LA CS 19, 22 LA - latching (on-off)	30 VDC 125/250 VAC	12 A, 16 A	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	IP 64	IK 07	•	•	•	•	•	•	•
Switches with electronic actuation																										
 MSS electronic actuation, momentary or latching	42 VAC 60 VDC	100 mA	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	IP 67	IK 09	•	•	•	•	•	•	•
Switches with capacitive actuation																										
 CPS 16, 19, 22 capacitive actuation	42 VAC 60 VDC	100 mA	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	IP 67	IK 09	•	•	•	•	•	•	•
 CHS hidden capacitive switch (behind non-conductive surface)	5 - 28 VDC	30 mA - 2 A	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	Up to IP 69 K		•	•	•	•	•	•	•

Customized Solutions

In addition to its broad product range, SCHURTER also offers individual services to ensure all customer requirements. We will build specific samples and provide you with your customized switches solution. Please submit your request using the contact form on our website schurter.com/en/contact.



Wire Harness

Customized Wire Harness

Wire harness cable bundles with stripped wires and complete ready-to-connect solutions with wires, connectors, contacts or wire end sleeves.



5121

5121 IEC Appliance Inlet with Filter

SCHURTER launches a new very compact filter series with the 5121 appliance inlet filter. An IEC C14 inlet is surrounded by a closed metal housing and thus effectively shields the mains input.



DS11

A unique innovation: Smart Products

SCHURTER presents the new Smart Products. The internal Smart Connector DS11 - the first product of its kind in the world - and the external Smart Connector DT31 make it easy to transform conventional electronic devices into smart devices.



FRM-A with DRM-A

FRM-A and DRM-A: for demanding requirements in avionics

FMAD NEO is the name of the latest single-stage filter family for 3-phase systems with a neutral line. Especially compact with high performance, the new filter series is ideally suited for use in today's more portable industrial machines, designed to occupy less floor space in manufacturing plants.



UHS

UHS: safe tripping of very high currents in the SELV range

CDS1 is a new generation of intelligent input systems with capacitive touch technology. The intuitive operation with the touch of a finger stroke, wipe or rotation on the touchscreen conveniently resembles that of a smartphone. It delightfully responds to the visual taste and selection wishes of the customer.



6080

High protection against dust and moisture

Protection against dust particles and moisture is becoming increasingly important. More and more applications are calling for optimized solutions in this area. The IP protection class provides information on how well a product is protected in this aspect.



OGN THR

THR: Through hole technology for the reflow oven

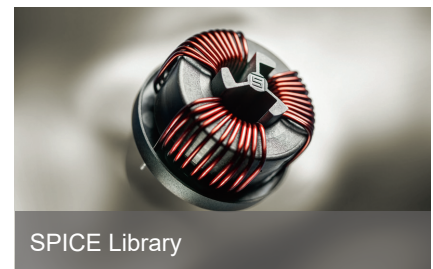
The classic in electronic components is the through hole technology (THT), its modern counterpart is the surface-mounting technology (SMT). Unfortunately, these two technologies require different soldering methods. A dilemma? Yes and no.



MSM II

MSM II: The new metal pushbuttons

The familiar MSM push-button with microswitch and switching currents from 100 mA to 10 A is now joined by a subminiature microswitch. This has been made considerably smaller again, so that installation is no longer a problem even with minimum installation depths.

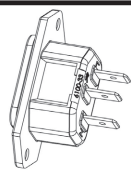

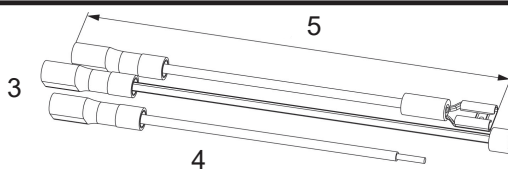

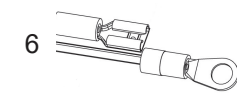
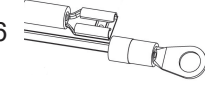








SPICE Library

Powerful filter simulation with SPICE

An efficient circuit design requires advance simulations. But each simulation is only as good as the data used at the start. SCHURTER provides sophisticated simulation models for many of its chokes.

Wire Harness Assembly / Inquiry Form

Customer Name	Date				
Customer Number					
Address					
City, State, Zip					
Country					
Inside Sales Representative					
CRM Customer Request No.					
1 SCHURTER Part No 2 Terminal Connection	Quantity/year				
 1	 2 Defined in part number	 3	 4	 5	 6
3 Wire Connection					
Not insulated		<input type="checkbox"/>			
Insulated		<input type="checkbox"/>			
Fully insulated		<input type="checkbox"/>			
Others		<input type="checkbox"/>			
4 & 5 Wire types & Length	Wire AWG18 UL3266	<input type="checkbox"/>	Wire AWG16 UL3266	<input type="checkbox"/>	
Standard colors: brown / light blue / yellow-green / black	Wire AWG14 UL3266	<input type="checkbox"/>	Custom specific*	<input type="checkbox"/>	
	Length		Color		Labeling (optional)
Wire 1					
Wire 2					
Wire 3					
Wire 4					
6 Wire end terminal					Comment
Stripped end		<input type="checkbox"/>			
Ring M4		<input type="checkbox"/>			
Ring M5		<input type="checkbox"/>			
Ring M4 insulated		<input type="checkbox"/>			
Ring M5 insulated		<input type="checkbox"/>			
Faston 4.8		<input type="checkbox"/>			
Faston 6.3		<input type="checkbox"/>			
Faston 4.8 insulated		<input type="checkbox"/>			
Faston 6.3 insulated		<input type="checkbox"/>			
Faston 4.8 fully insulated		<input type="checkbox"/>			
Faston 6.3 fully insulated		<input type="checkbox"/>			
Molex MLX 13mm		<input type="checkbox"/>			
Custom specific*		<input type="checkbox"/>			
Drawing / Description					
Final Article Number complete wire harness <small>(filled in by factory)</small>					

Indicates in stock for immediate sample

schurter.com

*) on request

safe&easy

schurter.com

