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Circuit Protection
Connectors
EMC Products
Switches
Input Systems
Electronic Manufacturing Services
Solutions

 **SCHURTER**
ELECTRONIC COMPONENTS

SCHURTER Range at a Glance



Safety, Worldwide

SCHURTER Holding AG is headquartered in Lucerne Switzerland.

Products are developed, manufactured and distributed by factories in Switzerland, Germany, Czech Republic, China, France, India, Romania and Slovakia, United Kingdom, and the Netherlands.

Regional headquarters in N.A., EMEA and APAC regions, as well as representatives in about 60 countries, together with more than 200 distributors, guarantee SCHURTER's international presence to over 100,000 customers.

SCHURTER products carry all major country-specific safety approvals such as VDE, ENEC, UL, CSA, CCC, METI or KTL.



Business Excellence

The SCHURTER Group meets its customers' highest demands through certified quality, environmental and safety management systems, ISO 9001, ISO 14001, OHSAS 18001, using highly developed Six Sigma processes.

Processes certified according to the Automotive Standard IATF 16949: 2016 assure AEC-Q200 qualified circuit protection devices.

Processes certified to the most demanding of standards by the European Space Agency, ESA, are also in place to assure ESCC QPL listed fuses for use in space flight applications.

- Headquarters
- Distribution
- Production

SCHURTER Inc in Santa Rosa, California is a wholly owned subsidiary of SCHURTER Holding AG and is the exclusive sales and distribution center in North America.

The company works closely with its U.S. and Canadian based distribution partners to reach an estimated 40,000 customers.



Quality and Innovation

SCHURTER is a progressive innovator and manufacturer of electronic and electrical components.

The division Components is comprised of: Circuit Protection, Connectors, Switches, and EMC Products including measurement services.

The division Input Systems provides leading touch solutions for human machine interface.

"Safe Power - Ease of Use." The two divisions focus foremost on providing products and solutions for safe power and ease of equipment use.

Application Areas

SCHURTER's main markets are Medical, Automotive, Energy, Data Communications, Avionics & Space, as well as the broader Industrial market.



IRWIN Industrial

MASTER
ELECTRONICS



MOUSER
ELECTRONICS



Newark
























RUTRONIK
ELECTRONICS WORLDWIDE

SAGER
ELECTRONICS





















Fuses

						Characteristic				Approvals / Standards									
						Super-Quick-Acting FF	Quick-Acting F	Medium-Time-Lag M	Time-Lag T	Super-Time-Lag TT	Europe			Americas		Asia			
Type	Size [mm]	Rated voltage	Current range 0 30 A	Breaking capacity		UMF	VDE	VDE ÜG	NF	GAM T1	NNO	ESA / ESCC QPL	UL Listed	cURus	AEC-Q200	PSE	CCC	CQC	KC
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 VAC 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)	32 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 125 - 250 VDC	0.063 - 30 A	100 A - 1.5 kA										•	•			•
	UMT 250 Primary and secondary 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 - 10 A	100 - 200 A	•									•				
	UMZ 250 With pre-assembled clip	3.6 x 11.3	250 - 277 VAC 63 - 250 VDC	0.08 - 4 A	35 - 200 A										•				
	UMK 250 With pre-assembled clip	4.2 x 11.3	250 VAC 63 - 125 VDC	0.5 - 4 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 - 300 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 - 300 A	•									•				
	MGA-S Hermetic seal ESA/ESCC qualified	1.55 x 3.2	32 - 125 VAC 125 VDC	0.14 - 3.5 A	100 - 200 A	•									•				
	HCF Medical, defense, aviation	8.05 x 5	125 VAC 125 VDC	5 - 15 A	200 - 1000 A	•									•				
	HCSF Hermetic seal ESA/ESCC qualified	8.05 x 5	63 VAC 125 VDC	5 - 15 A	200 - 1000 A	•									•				
	OMT AC and DC applications	4.6 x 11	125 - 250 VAC 125 VDC	0.75 - 5 A	50 - 100 A										•				
	OMF 250 AC and DC applications	4.6 x 11	250 VAC 250 VDC	0.25 - 4 A	100 A	•									•				













Fuses

						Characteristic						Approvals / Standards						
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	130 A							UMF	VDE	VDE ÜG	NF	GAM T1	NNO	UL Listed	cURus
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	125 VAC 125 VDC	0.063 - 10 A		50 A	•								•			
	OMK 63 OMF 63 with SMD fuseholder	5.2 x 12	125 VAC 125 VDC	0.063 - 5 A		50 A	•											
	172876 High breaking capacity, compact	2 x 7	63 - 125 VAC 63 - 125 VDC	0.063 - 15 A		300 A	•								•			
	MSB Compact	2 x 7	63 - 125 VAC 63 - 125 VDC	0.75 - 15 A		50 - 150 A			•						•			
	MKF High breaking capacity, square shaped	2.54 x 7	63 - 125 VAC 63 - 125 VDC	0.063 - 15 A		300 A	•								•			
	MKT Square shaped, compact	2.54 x 7	63 - 125 VAC 63 - 125 VDC	2 - 15 A		50 - 150 A			•						•			
	SMD-SPT High breaking capacity	5 x 20	125 - 250 VAC 125 - 300 VDC	1 - 16 A		35 - 125 A			•			•			•			•
	SMD-FST Gold-plated fuse caps	5 x 20	250 VAC	0.05 - 20 A		35 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	60 VDC	0 - 130 A		400 A									•			
Fuses for equipment																		
	FST 5x20 Pigtails optional	5 x 20	250 VAC	0.2 - 20 A		32 - 125 A			•			•	•		•	•	•	
	SPT 5x20 High breaking capacity	5 x 20	125 - 250 VAC 125 - 300 VDC	0.5 - 16 A		500 A - 10 kA												
	FSF 5x20 Pigtails optional	5 x 20	250 VAC	0.032 - 10 A		35 - 100 A	•					•			•	•	•	
	SP 5x20 Pigtails optional	5 x 20	125 - 250 VAC	0.5 - 16 A		500 A - 10 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	0.6 - 10 A		1500 A	•											

Fuses

Type	Size [mm]	Rated voltage	Current range 0 20 40 A	Breaking capacity	Characteristic				Approvals																
					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	cURus	UR	CSA	PSE	CCC	CQC	KC		
Fuses for equipment																									
	FSL UL standard, pigtails optional	5 x 20	125 - 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	125 - 250 VAC	0.05 - 6.3 A	35 A - 10 kA																				
	D1 AERO MIL MARINE	5 x 20	32 - 220 VAC	0.02 - 20 A	60 - 300 A																				
	D1TD AERO MIL MARINE	5 x 20	32 - 220 VAC	0.031 - 15 A	40 A - 100 A																				
	SHT 6.3x32 High breaking capacity, pigtails optional	6.3 x 32	400 - 500 VAC 63 - 400 VDC	1 - 32 A	1 - 20 kA																				
	SUT 6.3x32 High breaking capacity, pigtails optional	6.3 x 32	125 - 250 VAC	12 - 30 A	500 A - 10 kA																				
	SUT-H 6.3x32 Slow blow series with high I ² T	6.3 x 32	125 - 250 VAC	10 - 50 A	500 A - 10 kA																				
	SPT 6.3x32 High breaking capacity	6.3 x 32	125 - 250 VAC 48 - 63 VDC	0.5 - 32 A	1 - 20 kA																				
	FST 6.3x32 (UL) UL approval	6.3 x 32	125 -250 VAC	0.063 - 15 A	35 A - 10 kA																				
	SHF 6.3x32 High breaking capacity, pigtails optional	6.3 x 32	440 - 500 VAC 63 - 500 VDC	1 - 32 A	1 - 20 kA	•																			
	FSF 6.3x32 (UL) UL approval	6.3 x 32	125 -250 VAC	0.1 - 15 A	200A - 10 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	•																			
	172582 AERO MIL MARINE, high breaking capacity	6.3 x 32	250 VAC 125 VDC	0.16 - 20 A	1 - 10 kA	•																			
	172600 AERO MIL MARINE, high breaking capacity	6.3 x 32	125 - 250 VAC	2 - 20 A	200A - 10 kA																				
	FST 6.3x32 Wide current range, low rated currents	6.3 x 32	250 VAC	0.02 - 20 A	35 - 200 A																				
	SA 6.3x32 High breaking capacity	6.3 x 32	250 VAC	1.6 - 16 A	1.5 kA	•																			
	SP 6.3x32 High breaking capacity	6.3 x 32	250 VAC	0.5 - 20 A	1 - 1.5 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	
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														
	172593 Compact primary protection	4.05 x 10	125 - 250 VAC 125 - 250 VDC	0.08 - 5 A	50 - 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														
	AEO Different mounting options	10.3 x 38	1000 VDC	10 - 50 A	20 kA														AEC-Q200
Special fuses																			
	D0 AERO MIL MARINE	4.7 x 16	125 VAC	0.063 - 8 A	35 A														

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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/cp. 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/contact.

Fuseholders

Type	Fuse-Link	Rated voltage		Rated current		Power acceptance acc. IEC	Terminals				Approvals / Standards									
		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)																				
 OGN Cover optional	5 x 20	250 VAC	500 VAC 500 VDC	10 A	10 A	4 W / 10 A	•				•									•
 OGD Cover optional	5 x 20 6.3 x 32	500 VAC	600 VAC 600 VDC	10 A	16 A	4 W / 10 A	•				•	•								•
 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 250 VDC	10 A	10 A	1.6W / 6.3 A	•				•									•
 231409 Horizontal or vertical, AERO MIL MARINE	5 x 20	250 VAC	250 VAC 250 VDC	10 A	10 A	1.3 W / 10 A	•							•	•					•
 FAU Horizontal mounting, kicked or straight terminals	5 x 20 6.3 x 32	250 VAC	250 VAC 250 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	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	1.6 W / 6.3 A	•				•									•
 FAC Vertical mounting, kicked or straight terminals	5 x 20 6.3 x 32	250 VAC	400 VAC 400 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	500 VAC	600 VAC 600 VDC	16 A	30 A	4 W / 16 A	•				•									•










Fuseholders

Type	Rated voltage		Rated current			Power acceptance acc. IEC	Terminals				Approvals / Standards									
	Fuse-Link	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)																				
	FMS (125V) Vertical mounting, for subminiature fuses	MSx 125	-	125 VAC 125 VDC	-	5 A	-													
	FMS (250V) Vertical mounting, for subminiature fuses	Mxx 250	250 V	250 VAC 250 VDC	6.3 A	6.3 A	1.6 W / 6.3 A													
	FMR Horizontal mounting, for subminiature fuses	MSx 125	-	125 VAC 125 VDC	-	5 A	-													
	231787 THT fuseholder, 2 x 7 mm fuses	2 x 7	-	125 VAC 125 VDC	-	7 A	-													
	OG (Holder) 5x20 Cover optional	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	-													
	231786 SMD fuseholder	2 x 7	-	125 VAC 125 VDC	-	7 A	-													
	OGN-SMD Cover optional	5 x 20	250 VAC	500 VAC 500 VDC	16 A	10 A	4 W / 10 A													
	OGD-SMD Cover optional	5 x 20 6.3 x 32	500 VAC	600 VAC 600 VDC	10 A	16 A	4 W / 10 A													
	FPG7 Horizontal mounting	5 x 20	250 VAC	250 VAC 250 VDC	10 A	16 A	2.5 W / 10 A													
Panel mounting																				
	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 Fingergrasp or slot cap, IP54 optional	5 x 20	250 VAC	250 VAC 250 VDC	10 A	10 A	4 W / 10 A													
	FEF (snap) Snap-in mounting, front-side	5 x 20	250 VAC	250 VAC 250 VDC	10 A	10 A	4 W / 10 A													

Fuseholders

Type	Fuse-Link	Rated voltage		Rated current		Power acceptance acc. IEC	Terminals				Approvals / Standards								
		IEC	UL	IEC	UL		Solder (THT)	Solder (SMD)	Quick-Connect	Screw / Rivet	VDE	VDE ÜG	NF	GAM T1	NNO	cURus	UR	CSA	KC
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	10 A	10 A	1.5 W / 6.3 A	•	•	•	•	•	•	•	•	•	•	•	•	•
 23316P Screw mounting, AERO MIL MARINE	5 x 20	250 VAC	-	6.3 A	-	1.5 W / 6.3 A	•	•	•	•	•	•	•	•	•	•	•	•	•
 231411 Screw mounting, AERO MIL MARINE	5 x 20	250 VAC	-	6.3 A	-	1.3 W / 6.3 A	•	•	•	•	•	•	•	•	•	•	•	•	•
 FEU Screw mounting, front-side	5 x 20 6.3 x 32	250 VAC 250 VDC	250 VAC	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 250 VDC	250 VAC	10 A	20 A	4 W / 10 A	•	•	•	•	•	•	•	•	•	•	•	•	•
 FEU (Grip) Fingergrip screw-cap	5 x 20 6.3 x 32	250 VAC 250 VDC	250 VAC	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 new	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	•	•	•	•	•	•	•	•	•	•	•	•	•
 23312P Screw-cap, IP67 optional, AERO MIL MARINE	6.3 x 32	250 VAC	250 VAC	10 A	10 A	2.5 W / 10 A	•	•	•	•	•	•	•	•	•	•	•	•	•
 231549P Screw-cap, IP68, AERO MIL MARINE	6.3 x 32	250 VAC	-	16 A	-	3.6 W / 16 A	•	•	•	•	•	•	•	•	•	•	•	•	•
 231600P AERO MIL MARINE, for special fuse size	4.7 x 16	250 VAC	-	5 A	-	1 W / 5 A	•	•	•	•	•	•	•	•	•	•	•	•	•
 23530P Screw mounting, front-side, IP67 optional	10.3 x 38	-	600 VAC	-	25 A	-	•	•	•	•	•	•	•	•	•	•	•	•	•
 FEP Screw mounting, front-side	5 x 20	250 VAC	500 VAC 500 VDC	6.3 A	10 A	2.5 W / 6.3 A	•	•	•	•	•	•	•	•	•	•	•	•	•

Fuseholders

Type	Fuse-Link	Rated voltage			Rated current			Terminals					Approvals / Standards									
		IEC	UL		IEC	UL	Power acceptance acc. IEC	Solder	Solder (THT)	Solder (SMD)	Quick-Connect	Screw	Rivet	VDE	VDE ÜG	NF	GAM T1	NNO	cURus	UR	CSA	KC
Screw or rivet mounting																						
 UH Cover optional, 1 or 10 pole version	5 x 20	-	600 VAC 600 VDC		-	10 A	-	•				•	•						•			
In-line mounting																						
 FDI In-line mounting	5 x 20 6.3 x 32	32 VAC	-		6.3 A	-	-	•														
DIN-rail mounting																						
 FSO Solar / PV fuseholder, self-certified 1000 VDC	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 auto- matic 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	-	•				•	•						•			
 231660 Solar / PV applica- tions	10.3 x 38	-	-		-	20 A	-	•											•			

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Document links

- [White Paper Fuseholder standard](#)
- [White Paper Components and IEC 60335-1](#)

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/contact.





Circuit Breakers for Equipment

Type	Number of poles	Rated voltage	Current range	Application				Protection				Options				Con- nection		Mounting										
				General purpose	Industrial applications	Power supply	Household and leisure	Thermal	Thermal-Magnetic	Available without protection	Undervoltage protection	Illumination	Different printings	Auxiliary contact	Shunt contact	Remote tripping	Quick connect terminals	Screw terminals	PCB THT	Threaded neck	Snap-in front side	Snap-in rear side	Drop-in type	Flange type				
T9-611 Reset type, glow-wire version optional	1	240 VAC 48/32 VDC	3-16 A	•	•	•		•							•													
T9-311 / 211 Reset type, glow-wire version optional	1	240 VAC 48/32 VDC	3-16 A	•	•	•		•									•											
T9-711 Reset type, glow-wire version optional	1	240 VAC 48/32 VDC	3-16 A	•	•	•		•									•											
T9-818 Reset type, glow-wire version optional	1	240 VAC 48/32 VDC	3-15 A	•	•	•		•																				
T9-817 Reset type, glow-wire version optional	1	240 VAC 48/32 VDC	3-12 A	•	•	•		•																				
T11 Reset type	1	240 VAC 48 VDC	0.05A-16 A	•	•	•		•							•		•						•	•	•			•
T12 Reset- or switch type	1	240 VAC 28 VDC	0.05-16 A	•	•	•		•							•	•	•	•										•
T12-MSM Reset- or switch type	1	240 VAC 28 VDC	0.05-16 A	•	•	•		•							•	•	•	•										
TM12 Reset- or switch type	1	240 VAC 28 VDC	0.05-16 A	•	•	•		•	•						•	•	•	•										•
TM12-MSM Reset- or switch type	1	240 VAC 28 VDC	0.05-16 A	•	•	•		•	•						•	•	•	•										
T13 Reset- or switch type	1	250 VAC 28 VDC	0.05-30 A	•	•	•		•									•	•										
TA35 Switch type	1	277 VAC 32 VDC	0.05-20 A	•	•	•	•	•		•					•		•											•
TA35 Switch type	2	277 VAC 60 VDC	0.05-20 A	•	•	•	•	•		•					•		•											•
TA35 Switch type	3	240 VAC	0.05-12 A	•	•	•	•	•		•					•		•											•
TA45 Switch type	2	240/400 VAC 60 VDC	0.05-20 A	•	•	•	•	•		•	•				•	•	•											•
TA45 Switch type	3	240/400 VAC 60 VDC	0.05-12 A	•	•	•	•	•		•	•				•	•	•											•

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
 DG11 recessed switch, double pole CBE, optional IP67	1-10A IEC 1-15A UL	C14	•	•	•	•	•	•	•	•	•	•	•
 DF11 recessed switch, double pole CBE	1-10A IEC 1-15A UL	C14	•	•	•	•	•	•	•	•	•	•	•
 6145 double pole CBE	1-10A IEC 1-15A UL	C14/C18	•	•	•	•	•	•	•	•	•	•	•
 6135 double pole CBE	1-10A IEC 1-15A UL	C14	•	•	•	•	•	•	•	•	•	•	•
 EF11 recessed switch, double pole CBE	12-16A IEC 12-20A UL	C20	•	•	•	•	•	•	•	•	•	•	•
 6136 single pole CBE	12-16A IEC 12-20A 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
 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 you can enter the component type (e.g. TA35) into the search box and download the data sheets containing all relevant details.

schurter.com/cp schurter.com/connectors schurter.com/emc

Customized solutions



















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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																											
	0720-FS 0720-FP	• •		C8 C8	70 70											• •	• •					•					
	2576 2578	• •		C8 C8	70 70											•		•			•	•				5008	
	2570	•		C8	70													•	•		•	•					
	2577 2579	Polarized Polarized	• •	C8p C8p	70 70											•		•			•	•				5008	
	0724	•		C6	70											•	•				•						
	2563	Retaining bracket	•	C6	70													•			•	•					
	2565		•	C6	70													•			•	•					
	5084 5086		• •	D D	70 70											•			•		•						
	5083		•	D	70													•			•						
	5088		•	D	70											•					•						
	CMF1 CMF2 CMF3	Polarized	• • •	C8 C8p C6	70 70 70				• • •							• • •											
IEC 10 A / UL 15 A																											
	6100-3 6100-4	IP 54 opt.	• •	C14 C14	70 70	• •										• •	•				• •					5120 5110	
	6102-3 6102-5		• •	C18 C18	70 70	• •										• •		•			• •					5120	
	6150		•	C14	70													•									



























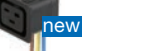
*Suitable for use in unattended home appliances according to IEC 60335-1 GWT

Connectors & Power Entry Modules

Connector type	Extras	IEC connector type						Features							Mounting					Connection				Alternate type with line filter			
		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
 1061		•		C14	C18	70												•			•	•	•				
 6010 6015		•		C14		70	•											•			•	•	•	•			
 6048		•		C14		70	•										•	•			•	•	•				
 6061 6061-G	Gold plated contacts	•		C14	C18	70	•										•				•	•	•				
 6130-56		•		C14		70		•										•							•		
 GSP1		•		C14	C18	70	•											•							•		
 GSP2		•		C14	C18	70	•	•										•	•	•					•		
 4761 <small>new</small>	IP 67	•		S16													•				•	•	•				
 6110-3 6110-4		•		C16		120	•										•	•			•	•					
 6120-3 6120-5		•		C16A		155											•	•			•	•					
 DC11		•		C14	C18	70	•	•		•	•	•				•	•	•	•		•						DC12
 DC21		•		C14		70	•				•	•					•								•		DC22
 KEB1		•		C14		70				•							•	•	•		•						DC12
 KEB2		•		C14		70				•	•						•	•	•		•						DC12
 6135		•		C14		70	•				•	•	•					•			•						
 6145		•		C14	C18	70					•	•	•				•				•						5145
 DF11		•		C14		70	•				•	•	•				•	•	•		•						DF12
 DG11 <small>new</small>	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				Alternate type with line filter				
		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	
IEC 10A / UL 15 A																												
	KEA KEA-Print		•	C14	C18	70	•	•	•	•					•	•	•	•				•						KFA
	6200 6202 6205		•	C14		70	•	•	•						•	•	•				•	•						5200
	6220		•	C14		70			•						•	•	•				•	•						5220
	6250 6255		•	C14		70		•	•									•							•			
	1062		•	C14	C18	70		•	•						•						•	•						
	1064	Versions in white	•	C14	C18	70		•	•									•			•	•						
	4707		•	C14	C18	70	•	•	•	•						•	•				•	•						5707
	GSF1 GSF2		•	C14	C18	70	•	•	•	•							•	•		•					•			
	KE KEC		•	C14	C18	70	•	•	•	•					•	•	•	•			•	•						CE KFC
	DD11		•	C14	C18	70	•	•	•	•	•				•	•					•							DD12
	DD21		•	C14	C18	70	•	•	•	•	•					•									•			DD22
	KM	 Shielded version	•	C14	C18	70		•	•	•	•										•							KMF
	6765 6762		•	C14	C18	70		•	•	•	•	•				•	•				•	•						FKH FKI
	KD		•	C14		70	•	•	•	•					•	•	•				•							CD
	KG		•	C14		70	•	•	•	•					•	•	•				•							CG
	6600-3 6600-4 6602-4		•	F		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	Shuttered	•		F	70											•				•	•					
	4723	Shuttered	•		F	70												•			•	•					
	4787		•		F	70											•				•	•					
	4788		•		F	70												•			•	•					
	5091		•		F	H 70											•				•	•				•	
	5001		•		F	H 70											•									•	
	4719	Shuttered, neon indication	•		F	70		•										•			•						
IEC 16 A / UL 20 A																											
	4798		•		C20	70	•	•									•				•	•					5130
	4793		•		C20 C24	70	•	•										•			•	•					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

Cord Connectors

		Connector type				Design					Approvals										
Connector type	Extras	Plug	Connector	IEC type	Max. pin temperature [°C]	Straight	Angled	Max. wire size [mm ²]	Max. wire size [AWG]	Max. cable dia. [mm]	VDE	ENEC	UR	cUR	UL	cUL	CSA	CSAus	CCC	PSE	Australia
REWIREABLE CORD CONNECTORS IEC 10 A / UL 15 A																					
	4732	•		E	70	•		1	18	8.5	•				•	•			•		•
	4733	•		E	70		•	1	18	8.5	•				•	•			•		•
	4735	•		E	70	•		1.5	14	10.0	•				•	•			•		•
	4736	•		E	70		•	1.5	14	10.0	•				•	•			•		•
	9009	•		E	70	•		1.5		8 10.0	•				•	•					
	P685	•		E	70		•	1	18	8.5			•				•				
	4782		•	C13	70	•		1 1.5	18 14	8.5 10.0		•			•	•					•
	4785		•	C13	70		•	1 1.5	18 14	8.5 10.0		•			•	•					•
	4300-06		•	C13	70		•	1	18	8.5		•	•				•				
 <small>new</small>	4762	IP 67	•	Special		•		1.5	14	10.0		•	•	•							
	4781		•	C15	120	•		1 1.5	18 14	8.5 10.0		•			•	•					•
	4784		•	C15	120		•	1 1.5	18 14	8.5 10.0		•			•	•					•
	4771		•	C15A	155	•		1	16	10.0		•			•	•	•		•	•	•
	4772		•	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 1.5	16 14	8.7 10.0		•			•	•			•		•
	4300.0922		•	I	70	•		2.5	12	12.0					•		•				
	4795		•	C19	70	•		1.5	14	10.0		•			•	•			•		•
	4790		•	C19	70		•	1.5 1.5	16 14	8.7 10.0		•			•	•			•		•
	0104U		•	C19	70	•		2.5	12	13.0		•	•				•	•			
	4300.0921		•	C19	70	•		2.5	12	12.0					•		•				
 <small>new</small> <small>new</small>	1658 / 1659	Hot conditions	•	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	pend- ing		•								

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											
	4712	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		•	•	•			
	4754 Quick connect or solder terminals		Appliance outlet type F	4	Space for another element C14	•	•	•		•	
	4758 Quick connect or solder terminals		Appliance outlet type F	4	Space for a 62xx inlet with fuse	•	•	•			
	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	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 1-15R				•		
	NR020 Solder terminals			1	Tamper resistant shutters; insulated wall between terminals				•		
DISTRIBUTION UNITS IEC 2.6 kW 400 VDC											
	GS21 Quick connect or PCB terminals		Socket-outlet Sheet 1	1	Mating rewirable plug GP21	pend- ing			•		

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. schurter.com/connectors

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Blind Cover BC320



Accessory blind cover BC320 for preventing access to outlets, IEC style F. Tamper-proof, key removal required.

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
DC appliance inlet																				
	5003 125 VDC AMP/Molex connector	3 - 15 A	not applicable																	not applicable
Appliance inlet 125/250 VAC																				
	5008 plastic housing ECO design unpotted	0.5 - 2.5 A IEC 0.5 - 6 A UL	C8																	
	5110 potted optional C X2 100nF	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																	
	5130 ECO design unpotted metal flange	16 A IEC 20 A UL	C20																	
	C20F* optional C X1 optional C X2 330nF	16 A IEC 20 A UL	C20																	
	C22F high temperature 65°C UL/75°C IEC	16 A IEC 20 A UL																		
Appliance inlet with fuse holder																				
	5200 compact spare fuse comp.	1-10 A	C14																	
	5220 compact optional C X2 100nF	1-10 A	C14																	
	KFA optional step vs optional PE choke	1-10 A	C14																	
	DA22 optional C X1, Y1 optional C X2 220nF	1-10 A	C14																	
	5707 IP65 water proof optional white color	1-8 A	C14 C18																	
	KFC fuse: 5x20/6.3x32 step vs voltage selector	1-10 A	C14																	
	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	1-10 A	C14	C18	•			•	•	•		•	•	•		•	•	•	•	•	•	•
DC21	 DC22 for high inrush current optional C X1	1-10 A	C14		•			•	•	•		•			•					•	•	•
EC11	 EC12 pre-wired for high inrush current	12-16 A IEC 12-20 A UL	C20		•			•				•			•					•	•	•
Appliance inlet with fuse holder and switch																						
DD11	 DD12 ultra compact optional PE choke	1-10 A IEC 1-8 A UL	C14		•	•	•	•	•	•		•	•	•		•				•	•	•
	 DD14 ultra compact 2-stage filter	1-10 A IEC 1-8 A UL	C14		•	•	•	•	•	•		•	•		•					•	•	•
DD21	 DD22 PCB mounting for high inrush current	1-10 A	C14		•	•	•	•	•	•		•			•					•	•	•
KM	 KMF ultra compact	1-10 A	C14	C18		•	•	•				•			•					•	•	•
KD	 CD multifunctional fuse: 5x20 / 6.3x32	1-10 A	C14		•	•	•	•	•	•		•			•					•	•	•
KG	 CG multifunctional fuse: 5x20 / 6.3x32	1-10 A	C14		•	•	•	•	•	•		•			•					•	•	•
6765	 FKH compact side flange mounting	1-10 A	C14			•		•				•			•					•	•	•
	 FKI compact side flange mounting	1-10 A	C14			•		•				•			•					•	•	•
	 FKHD / FKID double stage filter side flange mounting	1-10 A	C14			•		•				•			•					•	•	•
Felcom 64	 Felcom 54 modular system on PCB	1-10 A	C14			•	•	•				•			•	•				•	•	•
Appliance inlet with circuit breaker																						
DG11	 DG12 IP67 water proof	1-10 A IEC 1-15 A UL	C14	C18	•			•	•	•		•	•	•		•				•	•	•
DF11	 DF12 recessed switch pre-wired	1-10 A IEC 1-15 A UL	C14		•			•	•	•		•			•					•	•	•
6145	 5145 pre-wired	1-10 A IEC 1-15 A UL	C14	C18	•			•	•	•		•			•					•	•	•
EF11	 EF12 recessed switch pre-wired	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

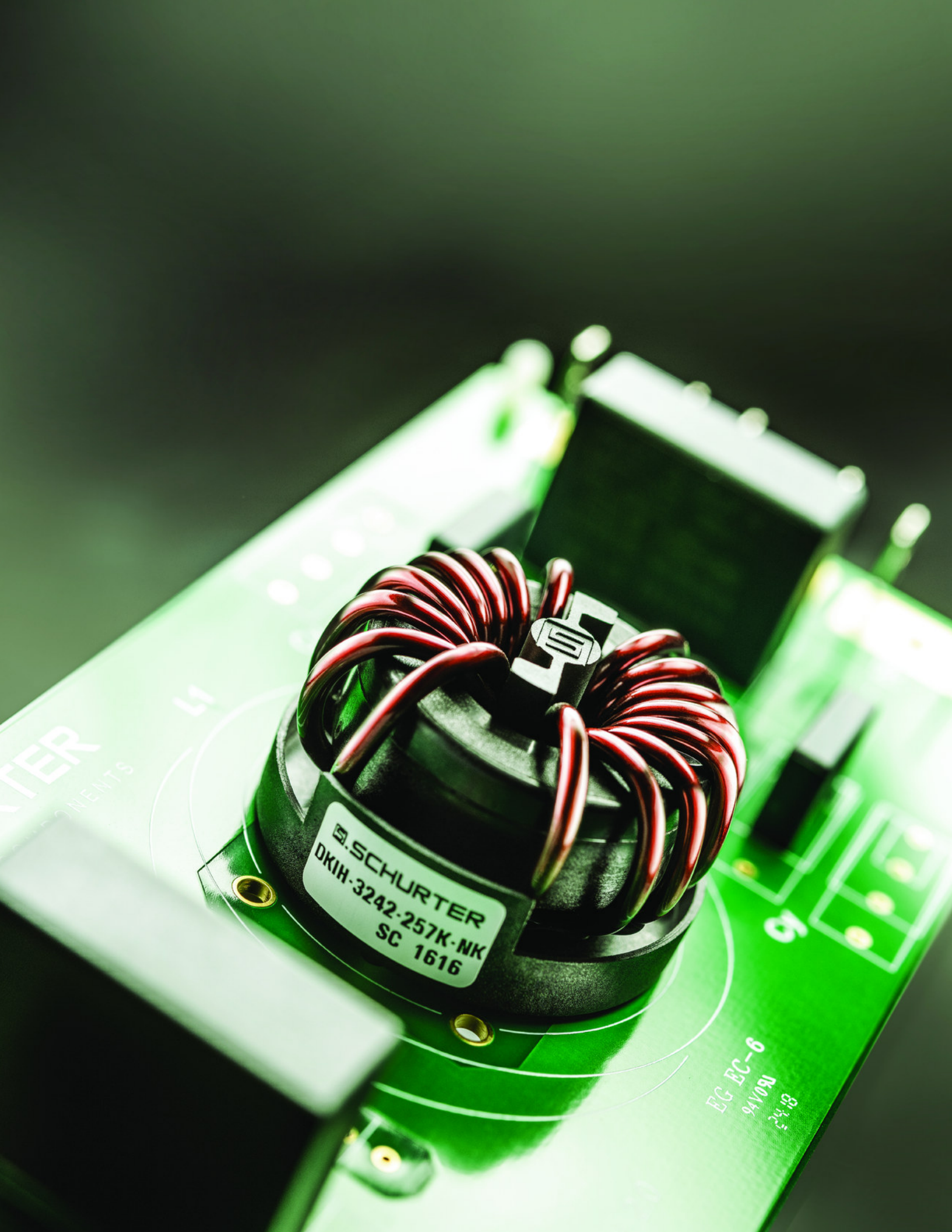
Filter type	Rated voltage	Current range 0 15 32 A	IEC connector type		Ap-provals		Mounting			Connection				Filter					
			Protection class I	Protection class II	ENEC	cURus	Screw front	Screw rear	Snap-in	PCB	Quick-Connect	Solder	Wire leads	Screw terminals	Attenuation		Leakage current		
													Standard 20-50 dB	High 40-70 dB	Medical <5µA / 80 A	Standard <0.5mA	Industrial <0.5mA	Industrial <1mA	Industrial <10mA
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 you can enter the filter type (e.g. DC12) into the search box and download the data sheets containing all relevant details. schurter.com/emc

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/contact.



SCHURTER
DKIH-3242-257K-NK
SC 1616

TER
MENTS

L1


L2

EG EC-6
94V0R1
2418

1-Phase AC Filters/DC Filters

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/contact.


















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
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 high symmetrical attenuation	125 VAC 250 VAC	1 - 60 A	•	•	•	•											
	FMAB HV High AC or DC voltages	277 VAC 400 VDC	1 - 20 A	•	•	•	•											
	FMAB CEE high symmetrical attenuation	125 VAC 250 VAC	16 - 32 A	•	•													
	FMAB-RAIL DIN rail mounting	125 VAC 250 VAC	12 - 30 A	•	•							not applicable						
	FMEB DC single pole	43 VDC 80 VDC	5 - 30 A									not applicable						
	FMEC DC dual pole	± 80 VDC	5 - 30 A															
Double stage filter																		
	FMBB broad band attenuation	125 VAC 250 VAC	8 - 25 A	•	•													
	FMBB-NEO broad band attenuation	125 VAC 250 VAC	1 - 36 A	•	•	•												
	FPBB-RAIL DIN rail mounting broad band	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 0 2500 A	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	Standard < 1 mA	Industrial < 15 mA	Industrial > 15 mA	Quick connect	Bolt and nut	Screw terminals	Bus bar
Single stage filter																		
 FMAC wide current range	3P	480 VAC 520 VAC	6 - 1100 A	•	•	•	•	•	•	•	•	•	•	•	•	•		
 FMAC ECO cost optimized	3P	480 VAC	16 - 150 A	•	•	•	•	•	•	•	•	•	•	•	•			
 FMAC NEO very high attenuation	3P	300 VAC 520 VAC	16 - 230 A	•	•	•	•	•	•	•	•	•	•	•	•	•		
 FMAC RAIL DIN rail mounting	3P	480 VAC	3 - 20 A	•	•	•	•	•	•	•	•	•	•	•	•	•		
 FMW4-65 compact design	3P N	440 VAC	3 - 20 A	•	•	•	•	•	•	•	•	•	•	•	•	•		
 FMAD high attenuation	3P N	277 VAC 480 VAC	6 - 250 A	•	•	•	•	•	•	•	•	•	•	•	•	•		
 FMAD CEE CEE connector	3P N	415 VAC 480 VAC	16 - 32 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 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	•	•	•	•	•	•	•	•	•	•	•	•	•		
 FMBD 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	•	•	•	•	•	•	•	•	•	•	•	•	•		
 FMAC SINE / FMAC SINE DCL optional voltage DC link	3P	500 VAC 288 VAC	4 - 16 A	•	•	•	•	•	•	•	•	•	•	•	•	•		
Filter Evaluation Boards																		
 DKIH-EVB PCB for filter design with DKIH-1 and capacitors		250 VAC 250 VDC	1 - 50 A	•	•	•	•	•	•	•	•	•	•	•	•	•		

0165.0622/2019_2/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	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		•			•		•	•	•	•	•
 DFK fully potted	440 VAC			0.5 - 15 A		1 - 20 mH		•			•	•	•		•	•	•
 DKLP-1 high inductance	540 VAC 760 VDC			4 - 20 A		14 - 60 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		•			•		•		•	•	•
 DKLL-3 high inductance	540 VAC 760 VDC			3 - 8 A		4 - 50 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		•			•				•	•	•
 DLO open version	600 VDC			0.45 - 7 A		0.02 - 5 mH			•		•				•	•	•

Chokes

Type	Rated voltage	Current range 0 25 50 A	Inductance range 0 50 100 mH	Style		Terminals			Features				
				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

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. schurter.com/emc

Customized solutions



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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.

schurter.com/switches

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 19 tactile	24/48 VDC	80/125 mA	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	IP 65	IK 05	•	•	•	•	•	•
 MCS 30 tactile	48 VDC	125 mA	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	IP 65	IK 05	•	•	•	•	•	•
 MCS ES 18 momentary	36 VDC	2 A	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	IP 65	IK 07	•	•	•	•	•	•
 MCS ES 22 momentary	24 VDC	50 mA	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	IP 40	IK 07	•	•	•	•	•	•
 MSM 16 momentary	30 VDC 125/250 VAC	0.1 - 10 A	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	IP 67	IK 06	•	•	•	•	•	•
 MSM 19 momentary	30 VDC 125/250 VAC	0.1 - 10 A	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	IP 67	IK 07	•	•	•	•	•	•
 MSM 22 momentary	30 VDC 125/250 VAC	0.1 - 10 A	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	IP 67	IK 07	•	•	•	•	•	•
 MSM 30 momentary	30 VDC 125/250 VAC	0.1 - 10 A	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	IP 67	IK 07	•	•	•	•	•	•
 MSM CS 16 CS - ceramic actuator	30 VDC 125/250 VAC	0.1 - 10 A	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	IP 69	IK 07	•	•	•	•	•	•
 MSM CS 19 CS - ceramic actuator	30 VDC 125/250 VAC	0.1 - 10 A	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	IP 69	IK 07	•	•	•	•	•	•
 MSM CS 22 CS - ceramic actuator	30 VDC 125/250 VAC	0.1 - 10 A	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	IP 69	IK 07	•	•	•	•	•	•
 MSM DP 19, 22, 30 DP - double pole	30 VDC 125/250 VAC	0.1 - 10 A	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	IP 69	IK 07	•	•	•	•	•	•
 MSM LA 19, 22 LA - latching (on - off)	30 VDC 125/250 VAC	0.5 - 12 A	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	IP 69	IK 07	•	•	•	•	•	•
 MSM LA CS 19, 22 LA - latching (on - off)	30 VDC 125/250 VAC	0.5 - 12 A	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	IP 64	IK 07	•	•	•	•	•	•
Switches and Touchscreens with capacitive actuation																										
 CPS capacitive actuation	42 VAC 60 VDC	100 mA	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	IP 67	IK 09	•	•	•	•	•	•
 CDS 1 touch display	3.3 VDC	260 mA	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	IP 67	IK 05	•	•	•	•	•	•
 TouchKit touch display	3.5V - 5.5V	<50 mA	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

Pushbutton Switches

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 piezo pulse actuation																												
	PSE NO 16 standard pulse	42 VAC 60 VDC	100 mA	•	•	•	•	•	•									•	•	•	•	IP 67	IK 02	•	•	•	•	
	PSE NO 19 standard pulse	42 VAC 60 VDC	100 mA	•	•	•	•	•	•									•	•	•	•	IP 67	IK 02	•			•	•
	PSE NO 22 standard pulse	42 VAC 60 VDC	100 mA	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	IP 67	IK 02	•			•	•
	PSE NO 24 standard pulse	42 VAC 60 VDC	100 mA	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	IP 67	IK 02	•			•	•
	PSE NO 27 standard pulse	42 VAC 60 VDC	100 mA	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	IP 67	IK 02	•			•	•
	PSE NO 30 standard pulse	42 VAC 60 VDC	100 mA	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	IP 67	IK 02	•			•	•
	PSE EX 16, 19, 22 EX - intrinsically safe	24 VAC 24 VDC	40 mA															•				IP 67	IK 02	•			•	
	PSE HI 22 HI - high impact	42 VAC 60 VDC	100 mA	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	IP 67	IK 06	•			•	
	PSE IV 22 IV - extended pulse	32 VAC 48 VDC	1 A	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	IP 67	IK 02	•			•	
Public transport switch																												
	PTS door control switch	5-137 VDC	5-250 mA																			IP 67					•	
Print mount switches																												
	SMS/PMS SMD or THT	32 VAC 42 VDC	50 mA	•	•	•																IP 67		•				
	MCS 18 Print specific lettering	48 VDC	125 mA	•	•	•																IP 65		•				
	6x6 Switches different shapes	12 VDC	50 mA	•	•	•																IP 40		•				
	MTG configurable height	24 VDC	50 mA	•	•	•																IP 40		•				
	SDK opening or closing contact	125 VAC 50 VDS	43 mA 80 VAC	•	•	•																IP 40		•				
Panel mount switches																												
	LDT momentary switch	60 VAC 50 VDS	200 mA	•	•	•																IP 40		•				
	LDS latching switch	60 VAC 50 VDS	200 mA	•	•	•																IP 40		•				
	MCS 18 Front specific lettering	48 VDS	125 mA	•	•	•																IP 65		•				

Customized Solutions

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RTS

Reflowable Thermal Switch

SCHURTER introduces its new RTS. The RTS is a particularly compact overtemperature protection device using advanced SMD technology. It is suited for the highest demands of protection in power semiconductors.

schurter.com/thermal-protection

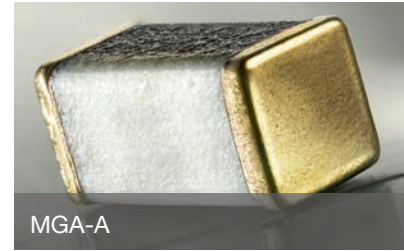


BONDING

Comprehensive BONDING expertise

In addition to the sensor bonding process (Liquid Bonding or Optical Clear Adhesive lamination), SCHURTER also offers the optical bonding process for displays using dry bonding and liquid bonding. This greatly improves the performance of the PCAP touchpanels and displays.

schurter.com/optical-bonding



MGA-A

No tin whiskers, no tin dendrites

SCHURTER extends its successful MGA / MGA-S line of 1206 dimension SMD ceramic fuses with an aviation version that is tin whisker free and completely dispenses with leaded coating. The approval according to the quality requirements of ESA is in progress.

schurter.com/space



4797-5

Light Pipe portfolio expanded

SCHURTER improves upon a classic product: the new 4797-5 series IEC outlets are available with integrated Light Pipes. An intelligent, space and cost-saving solution for PDUs used in data centers and other multi-distributed power applications.

lightpipe.schurter.com



CDS1

Configurable Display Switch

SCHURTER is launching 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.

schurter.com/cds1



FUS

Shock-safe fuseholder

With the new FUS fuseholder, SCHURTER is building on its successful FUL series for high-performance applications and presents the first dust and water-proof fuseholder (IP67) especially for rough applications. The snap-in fuseholder series guarantees fast and tool-free assembly. The carrier is available in both versions with slot and fingergrip and can accommodate fuse sizes 5 x 20 / 6.3 x 32.

fus.schurter.com



Automotive Standard IATF

Certification according to IATF 16949 sets new standard

SCHURTER AG in Lucerne successfully passed the certification audits according to the new IATF 16949:2016 automotive standard. This new standard of the IATF (International Automotive Task Force) demands the highest system and process quality standards of a company.

schurter.com/automotive

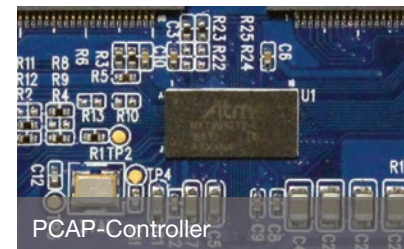


DG11

IEC appliance plug with circuit breaker

The DG11 was launched to meet the increasing requirements of high-performance medical equipment. The variably mountable IEC device plug C14/C18 with integrated device circuit breaker TA35 was developed for a variety of applications requiring, among other things, increased IP protection.

schurter.com/datasheet/DG11



PCAP-Controller

PCAP controller for industry and medical market

All PenMount PCAP controller systems, whether as chip-on-flex or separate board, are certified according to the industrial standard IEC 61000-4-X and to the new medical standard IEC 60601-1-2 (EMC, 28 V/m). In addition, the controller portfolio was extended by in-house developments with maXTouch chip as well as EETI and ILITEK solutions.

schurter.com/PCAP-technology



FMAB NEO

Overvoltage protection

SCHURTER expands the successful range of built-in filters for single-stage systems FMAB NEO with optionally available overvoltage protection (varistors). The single-stage filter series has a compact design with high performance at the same time.

fmab-neo.schurter.com



MSM

New Metal Line switches with ring illumination

SCHURTER has revised and fine-tuned its MSM Metal Line series with ring lighting, which has been successful for years.

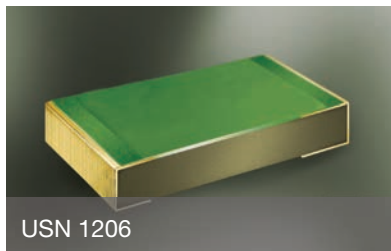
schurter.com/pg70



Solutions

Customer specific manufacturing service

The department Solutions coordinates and links all SCHURTER competences for the development of most demanding customer requirements in the context of system solutions. Solutions is in close cooperation with the Electronic Manufacturing Services and supports projects during the entire product lifecycle. The customer is the focus of our actions. schurter.com/solutions



USN 1206

Temperature and overcurrent protection

SCHURTER's USN 1206 offers a temperature-sensitive SMD fuse suitable for both overcurrent protection and protection against excessive ambient temperatures. The USN 1206 from SCHURTER is not a pure thermal fuse. It needs a current flow to trigger. The temperature-sensitive SMD fuse is therefore reflowable at 245 °C.

schurter.com/thermal-protection



4761 / 4762

Waterproof push/pull appliance coupler

SCHURTER presents the waterproof IEC appliance inlet type 4761 and rewirable cord connector type 4762. The set is rated IP67 when connected or IP69K unconnected, when used with the accessory covers. This appliance coupler is perfect for supplying power to medical equipment used in offices or hospitals and is ideally suited for portable devices with exposure to ingress of particles or liquids.

ip67.schurter.com



FPBB RAIL

Compact DIN-Rail filter

The FPBB RAIL filter from SCHURTER is an extraordinarily slim double-stage, single-phase filter. The attractive space-saving design integrates an optional fuseholder or circuit breaker.

schurter.com/din-rail



400 VDC

400 VDC for Data Centers

The supply of a data center using direct current has enormous potential for savings. Converting, transforming, converting, transforming vast amounts of unused electricity simply disappear in data centers. The idea of switching the power supply to direct current and bypassing a large proportion of these losses results in a paradigm shift.

schurter.com/data-center



HCF

SMD solid-state fuse

The new HCF has a similar structure as the two ESA-certified types SCHURTER MGA-S and HCSF. In contrast to conventional fuses with a melting wire, the HCF has a metallic thin film layer. Due to its robust design, the HCF fuse is particularly suited for applications which offer high reliability under particularly difficult conditions (thermal and mechanical shock, cycle endurance, etc.).

schurter.com/datasheet/HCF



DD14

Power entry module with double-stage filter

Today's electronic equipment is designed to deliver high performance in a compact size. Often this causes problems affecting the equipment itself or other nearby devices due to the inherent electro-magnetic interferences. To meet these EMC challenges, high performance power entry modules must also keep pace, and such is the case with the new DD14 series from SCHURTER.

schurter.com/datasheet/DD14

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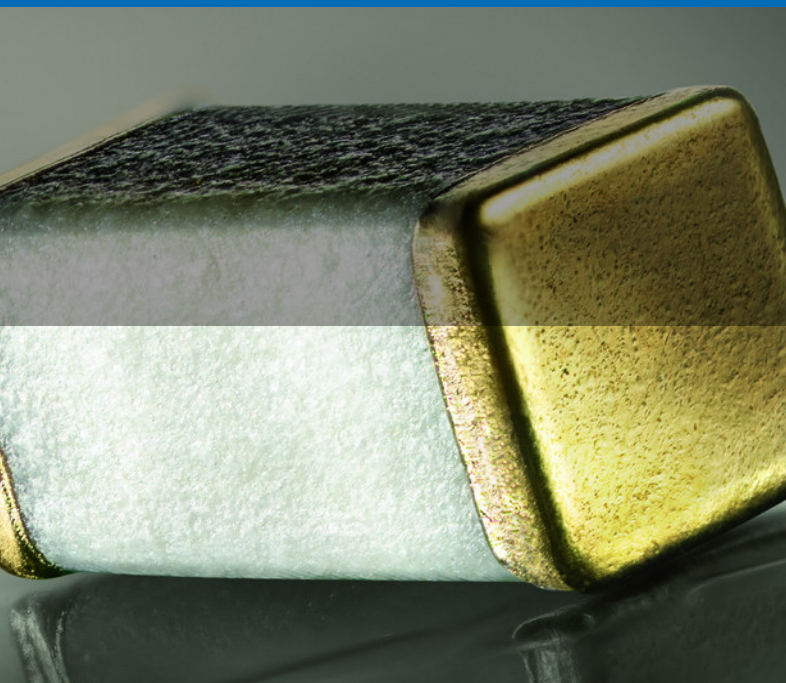
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