IEC Connector C15, Rewireable, Straight







Description

- Cord connector straight
- Rewireable cable assembly
- Pin temperature 120 °C , Protection class I
- Max. cable diameter 10.0 mm
- Max. wire size 1.0 mm² / 16AWG
- Min. wire size 0.75 mm² / 18AWG

See below:

Approvals and Compliances

References

We recommend for new applications the type 4781 Last order date: 15.12.2020

Weblinks

pdf data sheet, html datasheet, General Product Information, Approvals, Distributor-Stock-Check, Accessories, Mounting instruction, Detailed request for product

Te	ch	nica	al C)ata

Ratings IEC	10A / 250VAC; 50Hz
Ratings UL/CSA	15 A / 250 VAC; 60 Hz
Dielectric Strength	> 3 kVAC between L-N > 1.5 kVAC between L/N-PE (1 min/50 Hz)
Allowable Operation Tempe-	-25 °C to 120 °C
rature	
IP-Protection	from front side IP20 acc. to IEC 60529
Protection against electric	Suitable for appliances with protection
shock	class I acc. to IEC 61140
Terminal	Screw clamps
Material: Housing	PA6, black or grey, UL 94V-0

Appliance inlet/-outlet	C15 acc. to IEC 60320-1
	UL 498, CSA C22.2 no. 42 (For hot
	conditions) pin-temperature 120 °C,
	10 A, Protection Class I

Approvals and Compliances

Detailed information on product approvals, code requirements, usage instructions and detailed test conditions can be looked up in Details about Approvals

SCHURTER products are designed for use in industrial environments. They have approvals from independent testing bodies according to national and international standards. Products with specific characteristics and requirements such as required in the automotive sector according to IATF 16949, medical technology according to ISO 13485 or in the aerospace industry can be offered exclusively with customer-specific, individual agreements by SCHURTER.

Approvals

The approval mark is used by the testing authorities to certify compliance with the safety requirements placed on electronic products. Approval Reference Type: 8101

Approval Logo	Certificates	Certification Body	Description
c⊕ us	CSA Approvals	CSA	CSA Certification Record: 1612079
A PB	METI Approvals	METI	Japan Electrical Safety and Environment technology Laboratories

Product standards

Product standards that are referenced

Organization	Design	Standard	Description
<u>IEC</u>	Designed according to	IEC 60320-1	Appliance couplers for household and similar general purposes
<u>IEC</u>	Designed according to	IEC 60320-1	Appliance couplers for household and similar general purposes
(I)	Designed according to	UL 498	Standard for Attachment Plugs and Receptacles
GE CSA Group	Designed according to	CSA C22.2 no. 42	General Use Receptacles, Attachment Plugs, and Similar Wiring Devices

Application standards

Application standards where the product can be used

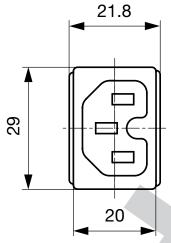
Organization	Design	Standard	Description
<u>IEC</u>	Designed for applications acc.	IEC/UL 62368-1	IEC 62368-1 includes the basic requirements for safety of audio, video, information technology and office equipment.

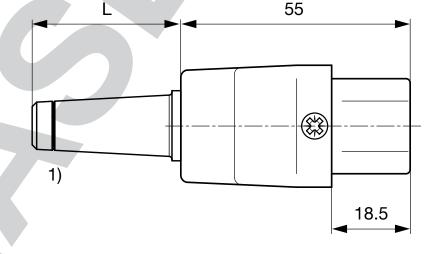
Compliances

The product complies with following Guide Lines

	O .		
Identification	Details	Initiator	Description
C€	CE declaration of conformity	SCHURTER AG	The CE marking declares that the product complies with the applicable requirements laid down in the harmonisation of Community legislation on its affixing in accordance with EU Regulation 765/2008.
ROHS	RoHS	SCHURTER AG	Directive RoHS 2011/65/EU, Amendment (EU) 2015/863
50	China RoHS	SCHURTER AG	The law SJ / T 11363-2006 (China RoHS) has been in force since 1 March 2007. It is similar to the EU directive RoHS.
REACH	REACH	SCHURTER AG	On 1 June 2007, Regulation (EC) No 1907/2006 on the Registration, Evaluation, Authorization and Restriction of Chemicals 1 (abbreviated as "REACH") entered into force.

Dimensions [mm]





All Variants

Color	Recommended cable diameter	Max. wire size	L = Length of cable guard	Order Number	_
black	10 mm	3 x 1 mm ² / 16 AWG	L = 35.5 mm	3-109-001	
grey	8.5 - 10 mm	3 x 1 mm ² / 16 AWG	L = 35.5 mm	3-109-012	
grey	10 mm	3 x 1 mm ² / 16 AWG	L = 35.5 mm	3-109-013	
black	8.5 - 10 mm	3 x 1 mm ² / 16 AWG	L = 35.5 mm	4310.0042	

Most Popular.

Availability for all products can be searched real-time:https://www.schurter.com/en/Stock-Check/Stock-Check-SCHURTER

Max. torque for screws: Terminals: 0.5 Nm, Cable clamps: 0.8 Nm, Cover: 0.8 Nm



¹⁾ Cut cable guard to suit cable diameter

50 Pcs Packaging unit

Accessories

Description



Cable Guard KT14 PVC Cable Guard for rewireable connectors

Mating Inlets/Plugs

Category / Description

Appliance Inlet Overview complete



6100-3, Mounting: Screw, Solder terminals or quick connect terminals, Appliance Inlet: IEC C14	6100-3	
6100-4, Mounting: Snap-in, Solder terminals or quick connect terminals, Appliance Inlet: IEC C14	6100-4	
6102-3, Mounting: Screw, Solder terminals or quick connect terminals, Appliance Inlet: IEC C18	6102-3	
6102-5, Mounting: Snap-in, Solder terminals or quick connect terminals, Appliance Inlet: IEC C18	6102-5	
G-Stecker, Mounting: Appliance Inlet: IEC C14 Without fuse holder	6150	
Appliance Inlet further types to 8101		

Distribution Unit Overview complete

0712-PQ, Mounting: Snap-in, Front Side, Solder terminal (4.8 x 0.8 mm), 1x Appliance Outlet: IEC F	0712	
4741, Mounting: 2x Appliance Outlet: IEC F	4741	
4747, Mounting: 4x Appliance Outlet: IEC F	4747	
4740, Mounting: 6x Appliance Outlet: IEC F	4740	
Distribution Unit further types to 8101		



IEC Inlet Filter Overview complete

GRF2, Mounting: Rear Side, With EMC-shield and without line filter, 10 A, Plug Connector, Appliance Inlet: IEC C14, Suitable for appliances with protection class I GRF2 5110, Mounting: Screw, Front Side, Filter: Standard and Medical Version, Without fuse holder: 10 A, Thermoplastic 5110 Appliance Inlet: IEC C14, prewired, Suitable for appliances with protection class I KFS, Mounting: Screw, Front Side, Filter: Standard version, Without fuse holder: 10 A, Appliance Inlet: IEC C14, pre-**KFS** wired



Plug Overview complete



4732, Mounting: Power Cord, Plug: IEC E, Cable	4732
4735, Mounting: Power Cord, Plug: IEC E, Cable	4735
9009, Mounting: Plug: IEC E, Screw clamps	9009
4733, Mounting: Power Cord, Plug: IEC E, Cable	4733
4736, Mounting: Power Cord, Plug: IEC E, Cable	4736
Plug further types to 8101	



DD11

DD21

DC11

KEB2

Category / Description

Power Entry Module Overview complete



DF11, Mounting: Screw, Rocker switch: non-illuminated or illuminated 2-pole, Quick connect terminals 6.3×0.8 mm, Appliance Inlet: IEC C14, Without fuse holder: Suitable for appliances with protection class I or II 0 DF11, Mounting:Screw, Quick connect terminals 6.3 x 0.8 mm, Without fuse holder: Rocker switch, non-illuminated or illuminated, 2-pole, Appliance Inlet: IEC C14, 250 VAC, prewired, Suitable for appliances with protection class I or II 0 DF11, Power Entry ModuleC14, 55°C, version: L: N: ground: : fuseholder: color: design: dimension S: features: 0 DF11, Mounting: Snap-in or screw-on, Appliance Inlet: IEC C14, Without fuse holder: : black, Suitable for appliances with protection class I or II 0 DF11, Mounting: Snap-in or screw-on8 mm, Quick connect terminals 6.3 x 0.8 mm, IP40,: black, Appliance Inlet: IEC C14, Circuit Breakers TA45, A, non-illuminated, Protection Class I or II 0 DF11, Mounting: Snap-in or screw-on, mm, Without fuse holder: : IEC Suitable for appliances with protection class I or II 0

DD11, Mounting: Screw-on mounting, Rocker switch: non-illuminated or illuminated 2-pole, Quick connect terminals 4.8 x 0.8 mm, Appliance Inlet: IEC C14, With or without protection cover, Fuseholder: 1 or 2 pole, Suitable for appliances with protection class I

DD21, Mounting: Screw-on mounting Rear Side, Rocker switch: non-illuminated or illuminated 2-pole, additional quick connect 4.8 x 0.8 mm Appliance Inlet: IEC C14, Fuseholder: 1 or 2 pole

DC11, Mounting: Screw, Rocker switch: non-illuminated or illuminated 1 or 2 pole, Quick connect terminals 4.8×0.8 mm, Appliance Inlet: IEC C14, Without fuse holder: Suitable for appliances with protection class I or II

KEB2, Mounting:Screw, Quick connect terminals 4.8 x 0.8 mm, Without fuse holder: Rocker switch, non-illuminated or illuminated, 2-pole, Appliance Inlet: IEC C14, 250 VAC, prewired, Suitable for appliances with protection class I

Power Entry Module further types to 8101



Power Entry Module with line filter further types to 8101



DG12, Mounting: Screw, 8 mm, 15 A, prewired, Standard and Medical Version, Appliance Inlet: IEC C14 C18, Circuit DG12 Breakers TA35: DG12, Suitable for appliances with protection class I or II DD14, Mounting: Screw-on mounting, Front Side, Filter, Standard and Medical Version, Fuseholder:1 or 2 pole, 10 A, DD14 Rocker switch: 2-pole, non-illuminated Appliance Inlet: IEC C14, prewired KFB1, Mounting: Screw, Front Side, Filter: Standard version, Without fuse holder: 10 A, Rocker switch: 1-pole, Appli-KFB1 ance Inlet: IEC C14, prewired KFB2, Mounting: Screw, Front Side, Filter: Standard and Medical Version, Without fuse holder: 10 A, Rocker switch: KFB2 2-pole, Appliance Inlet: IEC C14, prewired DC12, Mounting: Screw, Front-/Rear-Side, Filter, Standard and Medical Version, Without fuse holder:10 A, Rocker DC12 switch: 1 or 2 pole, non-illuminated or illuminated Appliance Inlet: IEC C14, prewired

> The specifications, descriptions and illustrations indicated in this document are based on current information. All content is subject to modifications and amendments. Information furnished is believed to be accurate and reliable. However, users should independently evaluate the suitability and test each

product selected for their own applications.



ПОСТАВКА ЭЛЕКТРОННЫХ КОМПОНЕНТОВ

многоканальный

Общество с ограниченной ответственностью «МосЧип» ИНН 7719860671 / КПП 771901001 Адрес: 105318, г.Москва, ул.Щербаковская д.3, офис 1107

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