

IEC Appliance Inlet C14/C18, Screw-on Mounting, Front Side, Solder or Quick-connect, Screw Terminal



C14



70° C

C18



70° C

See below:

Approvals and Compliances

Description

- Panel mount :
- Screw-on mounting , Front Side
- 1 Function
- Appliance Inlet , Pin temperature 70 °C , protection class I or II
- Solder / Quick Connect / Screw Terminals

Other versions on request

- Variant with notch for V-Lock mating Cordsets
- PCB terminals

Weblinks

[pdf data sheet](#), [html datasheet](#), [General Product Information](#), [Approvals](#), [Distributor-Stock-Check](#), [Accessories](#), [Detailed request for product](#)

Newly available variants corresponding to V-Lock mating cordset. The connector is equipped with a notch intended for use with the latching cordset. The cord latching system prevents against accidental removal of the cordset.

Technical Data

Ratings IEC	10A / 250VAC; 50Hz
Ratings UL/CSA	15A / 250VAC; 60Hz
Dielectric Strength	> 3kVAC between L-N > 1.5kVAC between L/N-PE (1 min/50Hz)
Allowable Operation Temperature	-25 °C to 70 °C
IP-Protection	front side IP20 acc. to IEC 60529
Protection against electric shock	Suitable for appliances with protection class I or II acc. to IEC 61140
Material: Housing	PA6, black / grey / white, UL 94V-0

Appliance inlet/-outlet	C14 / C18 acc. to IEC 60320-1 UL 60320-1, CSA C22.2 no. 60320-1 (for cold conditions) pin-temperature 70 °C, 10A, Protection Class I or II
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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: 6061

Approval Logo	Certificates	Certification Body	Description
 10	VDE Approvals	VDE	Certificate Number: 40011871
 us	UL Approvals	UL	UR File Number: E96454

Product standards

Product standards that are referenced

Organization	Design	Standard	Description
	Designed according to	IEC 60320-1	Appliance couplers for household and similar general purposes
	Designed according to	UL 60320-1	Standard for Attachment Plugs and Receptacles
	Designed according to	CSA C22.2 no. 60320-1	General Use Receptacles, Attachment Plugs, and Similar Wiring Devices

Application standards

Application standards where the product can be used

Organization	Design	Standard	Description
	Suitable for applications acc.	IEC/UL 62368-1	Audio/video, information and communication technology equipment - Part 1: Safety requirements

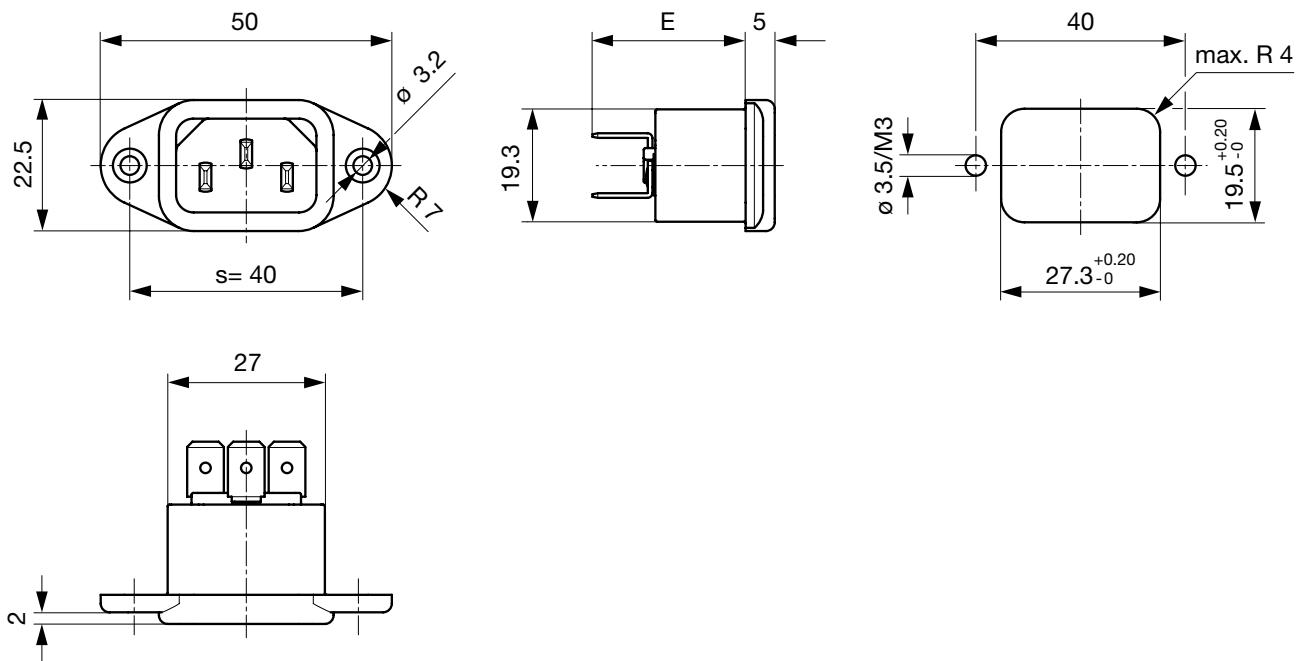
Compliances

The product complies with following Guide Lines

Identification	Details	Initiator	Description
	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.
	UKCA declaration of conformity	SCHURTER AG	The UKCA marking declares that the product complies with the applicable requirements laid down in the British Amendment of Regulation (EC) 765/2008.
	RoHS	SCHURTER AG	Directive RoHS 2011/65/EU, Amendment (EU) 2015/863
	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	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.
		SCHURTER AG	V-Lock system are based on a matching plug-dose combination. The connector is equipped with a notch intended for use with the latching cordset. The cord latching system prevents against accidental removal of the cordset.

Dimensions [mm]

Countersunk mounting holes, 40 mm distance, quick connect and solder terminals



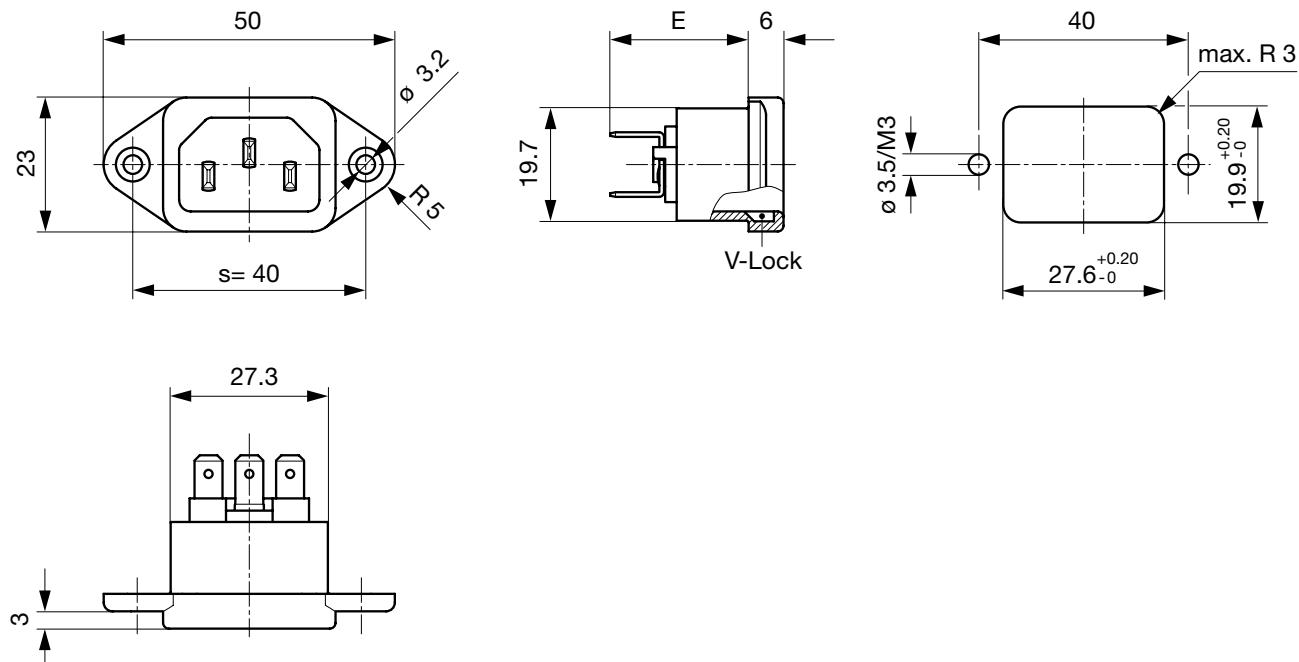
E: Quick-connect terminals 4.8x0.8 mm: 25.3 mm

E: Quick-connect terminals 6.3x0.8 mm: 26.3 mm

E: Solder terminals short: 21.1 mm

E: Solder terminals long: 24.5 mm

V-Lock version, countersunk mounting holes, 40 mm distance, quick connect and solder terminals



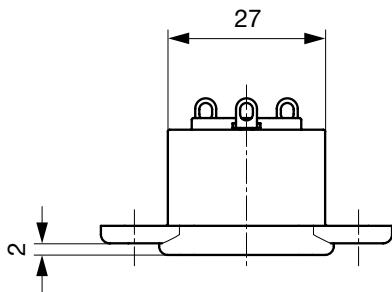
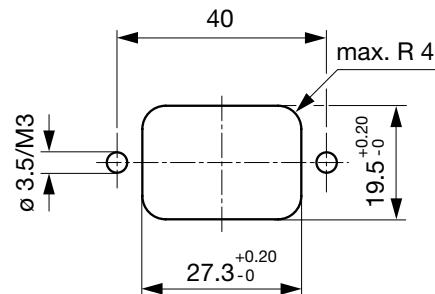
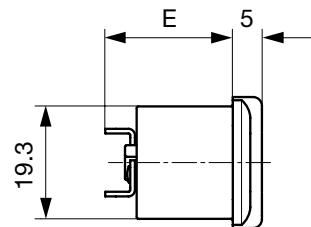
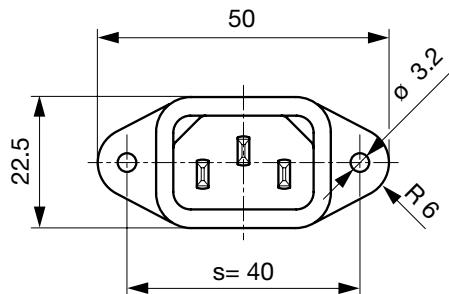
E: Quick-connect terminals 4.8x0.8 mm: 23.8 mm

E: Quick-connect terminals 6.3x0.8 mm: 24.8 mm

E: Solder terminals short: 19.6 mm

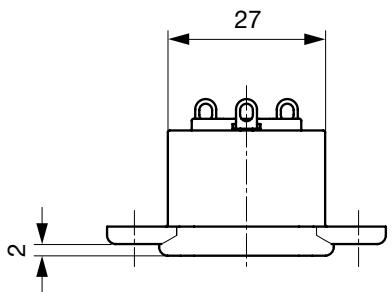
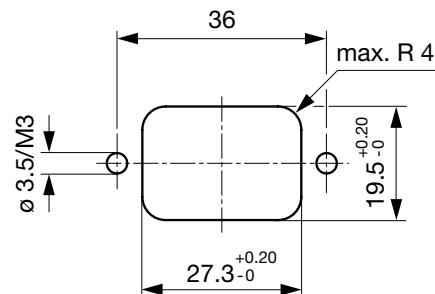
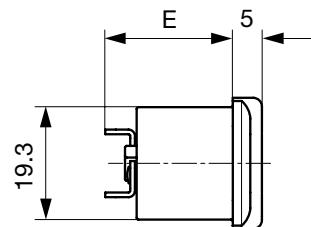
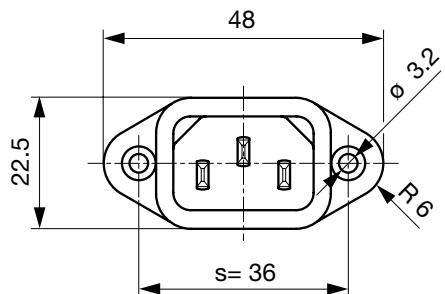
E: Solder terminals long: 23.0 mm

Through hole mounting holes, 40 mm distance, quick connect and solder terminals



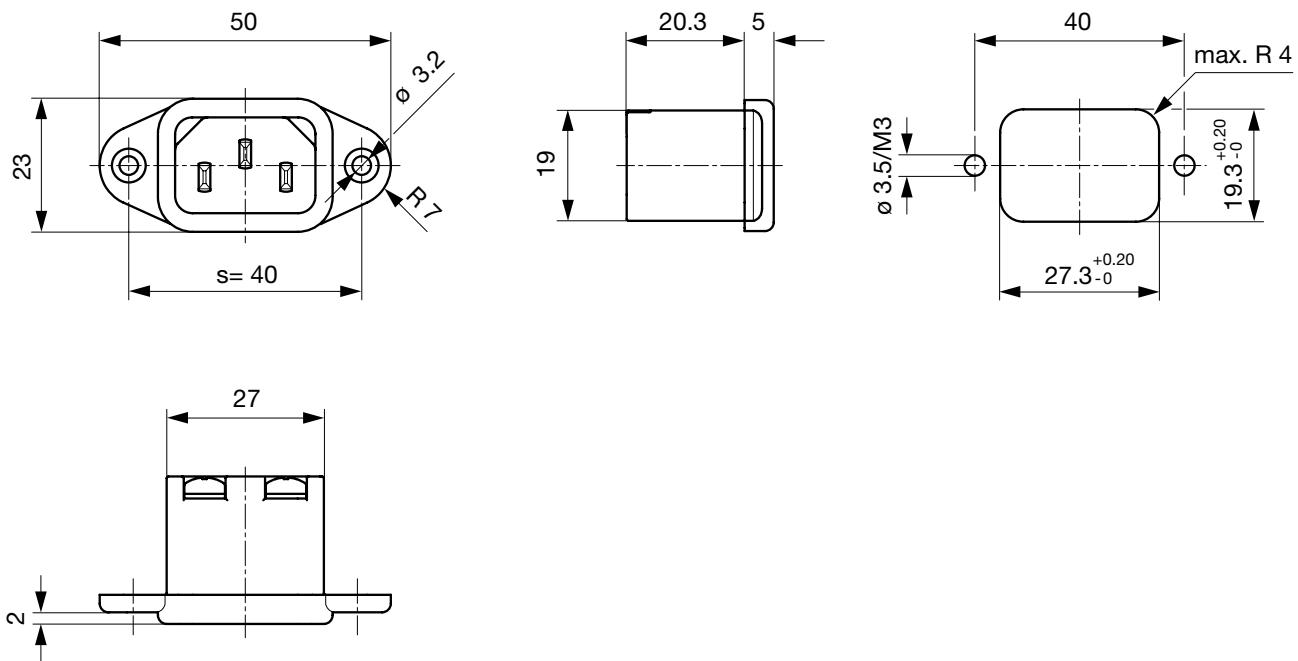
E: Quick-connect terminals 4.8x0.8 mm: 26.1 mm
E: Quick-connect terminals 6.3x0.8 mm: 27.1 mm
E: Solder terminals short: 21.9 mm
E: Solder terminals long: 25.3 mm

Countersunk mounting holes, 36 mm distance, quick connect and solder terminals

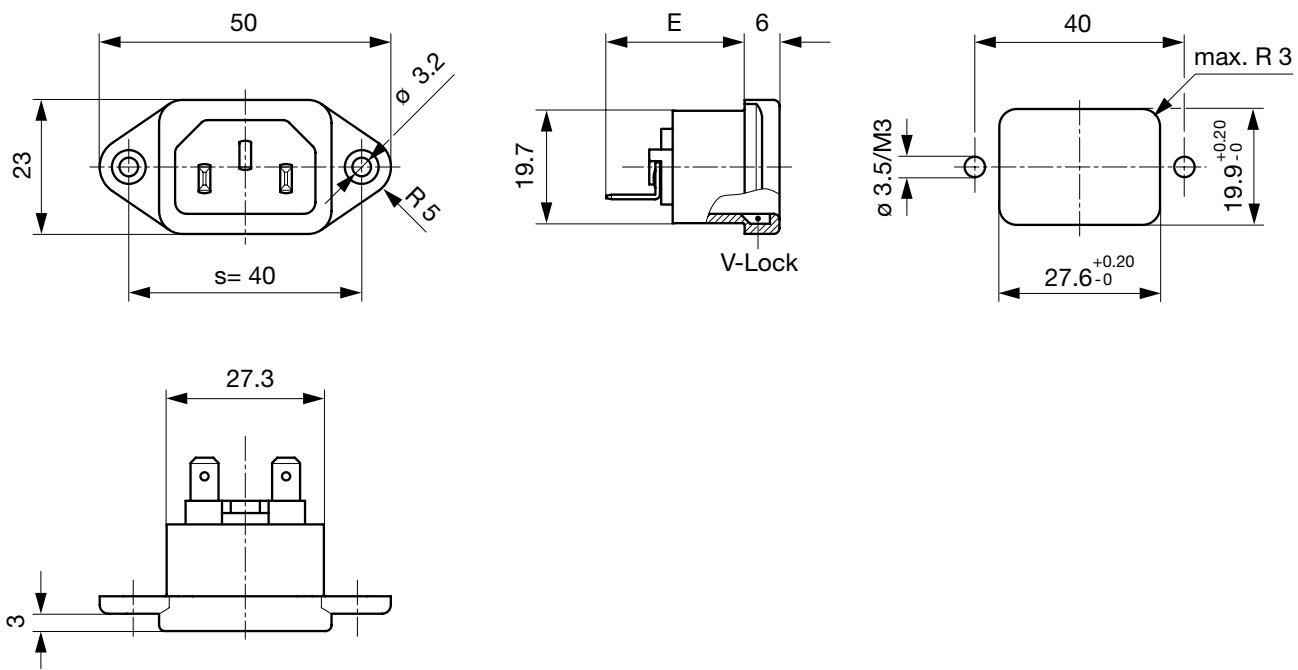


E: Quick-connect terminals 4.8x0.8 mm: 26.1 mm
E: Quick-connect terminals 6.3x0.8 mm: 27.1 mm
E: Solder terminals short: 21.9 mm
E: Solder terminals long: 25.3 mm

Countersunk mounting holes, 40 mm distance, screw terminals



Protection class II, countersunk mounting holes, 40 mm distance, quick connect and solder terminals



- E: Quick-connect terminals 4.8x0.8 mm: 23.8 mm
- E: Quick-connect terminals 6.3x0.8 mm: 24.8 mm
- E: Solder terminals short: 19.3 mm
- E: Solder terminals long: 23.0 mm

Variants

Type	Terminals L / N	Terminal Ground	Color	Style	Hole distance s [mm]	Features	Config. Code	Order Number
Protection class I	Solder terminal short (L = 4.8 mm)	Solder terminal short (L = 4.8 mm)	black	Flange with countersunk holes	36	-	6061-X-2220-A-1360	6162.0045
Protection class I	Solder terminal short (L = 4.8 mm)	Solder terminal short (L = 4.8 mm)	black	Flange with countersunk holes	40	-	6061-X-2220-A-1400	6162.0046
Protection class I	Solder terminal short (L = 4.8 mm)	Solder terminal short (L = 4.8 mm)	black	Flange with through holes	40	-	6061-X-2220-A-2400	6162.0047
Protection class I	Solder terminal short (L = 4.8 mm)	Solder terminal short (L = 4.8 mm)	grey	Flange with countersunk holes	40	-	6061-X-2220-B-1400	6162.0048
Protection class I	long solder terminal (L = 8.5 mm)	long solder terminal (L = 8.5 mm)	black	Flange with countersunk holes	36	-	6061-X-3330-A-1360	6162.0049
Protection class I	long solder terminal (L = 8.5 mm)	long solder terminal (L = 8.5 mm)	black	Flange with countersunk holes	40	-	6061-X-3330-A-1400	6162.0050
Protection class I	long solder terminal (L = 8.5 mm)	long solder terminal (L = 8.5 mm)	grey	Flange with countersunk holes	40	-	6061-X-3330-B-1400	6162.0052
Protection class I	Quick connect terminal (4.8 x 0.8 mm)	Quick connect terminal (4.8 x 0.8 mm)	black	Flange with countersunk holes	36	-	6061-X-8880-A-1360	6162.0054
Protection class I	Quick connect terminal (4.8 x 0.8 mm)	Quick connect terminal (4.8 x 0.8 mm)	black	Flange with countersunk holes	40	-	6061-X-8880-A-1400	6162.0055
Protection class I	Quick connect terminal (6.3 x 0.8 mm)	Quick connect terminal (6.3 x 0.8 mm)	black	Flange with countersunk holes	36	-	6061-X-9990-A-1360	6162.0057
Protection class I	Quick connect terminal (6.3 x 0.8 mm)	Quick connect terminal (6.3 x 0.8 mm)	black	Flange with countersunk holes	40	-	6061-X-9990-A-1400	6162.0058
Protection class I	Quick connect terminal (6.3 x 0.8 mm)	Quick connect terminal (6.3 x 0.8 mm)	grey	Flange with countersunk holes	40	-	6061-X-9990-B-1400	6162.0059
Protection class I	Screw terminal	Screw terminal	black	Flange with countersunk holes	40	-	6061-X-AAA0-A-1400	6162.0061
Protection class I	Solder terminal short (L = 4.8 mm)	Solder terminal short (L = 4.8 mm)	black	Flange with countersunk holes	40	V-Lock	6061-X-2220-A-140V	6162.0157
Protection class I	Quick connect terminal (4.8 x 0.8 mm)	Quick connect terminal (4.8 x 0.8 mm)	black	Flange with countersunk holes	40	V-Lock	6061-X-8880-A-140V	6162.0158
Protection class I	Quick connect terminal (6.3 x 0.8 mm)	Quick connect terminal (6.3 x 0.8 mm)	black	Flange with countersunk holes	40	V-Lock	6061-X-9990-A-140V	6162.0159
Protection class II	Quick connect terminal (6.3 x 0.8 mm)	Quick connect terminal (6.3 x 0.8 mm)	black	Flange with countersunk holes	40	V-Lock	6061-B-9900-A-140V	6162.0175

The listed variants should be available from stock. Other versions on request www.schurter.com/contact

Availability for all products can be searched real-time: <https://www.schurter.com/en/info-center/support-tools/stock-check-distributors>

Packaging unit

50 Pcs

Accessories

Description



RC320

Rear Cover for Power Entry Module

Mating Outlets/Connectors

Category / Description

Appliance Outlet Overview complete



4787, Mounting: Screw-on mounting, Appliance Outlet: IEC Solder terminals, 10 A, Suitable for appliances with protection class I

4787

4788, Mounting: Snap-in version, Appliance Outlet: IEC Solder / Quick Connect, 10 A, Suitable for appliances with protection class I

4788

IEC Appliance Outlet F or H, Screw-on Mounting, Front Side, Solder, PCB or Quick-connect Terminal

5091

Connector Overview complete



4782 Mounting: Power Cord, 3 x 1 mm² / 3 x 18 AWG, Cable, Connector: IEC C13

4782

4785 Mounting: Power Cord, 3 x 1 mm² / 3 x 18 AWG, Cable, Connector: IEC C13

4785

4300-06 Mounting: Power Cord, 3 x 1 mm² / 3 x 18 AWG, Cable, Connector: IEC C13

4300-06

4781 Mounting: Power Cord, Cable, Connector: IEC C15

4781

4784 Mounting: Power Cord, 3 x 1 mm² / 3 x 18 AWG, Cable, Connector: IEC C15

4784

Mating Outlets/Connectors shuttered

Connector Overview complete



4783 Mounting: Power Cord, 3 x 1 mm² / 3 x 18 AWG, Cable, Connector: IEC C13

4783

Power Cord Overview complete



VAC13KS, Overview, V-Lock cord retaining, diverse Connector IEC C13, diverse, black

VAC13KS

VAC17KS, V-Lock cord retaining, diverse m, Connector IEC C17, diverse, black / grey / white

VAC17KS