

Overview Power Cord with IEC Appliance Connector C19, V-Lock, straight



C19

 70° C

Approvals and Compliances

Description

- Power Supply Cord / Interconnection Cord ,
- Protection class I , Pin temperature 70 °C ,
- with V-Lock interlocking system

Weblinks

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

Technical Data

Ratings IEC	16A / 250VAC; 50Hz
Ratings UL/CSA	16A / 125VAC; 60Hz
Dielectric Strength	> 2 kVDC between L-N > 2 kVAC between L/N-PE (1 min/50Hz)
Allowable Operation Temperature	-25 °C to 70 °C
IP-Protection	from front side IP 20 acc. to IEC 60529
Insulation cover	Suitable for appliances with protection class I acc. to IEC 61140
Terminal	moulded
Material: Housing	PVC, black





appliance inlet/-outlet	C19 acc. to 60320-2-2 IEC 60320-1 UL 498, CSA C22.2 no. 42 (for cold conditions) pin-temperature 70 °C, 16A, Protection Class I
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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](#)


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	60320-2-2	Appliance couplers for household and similar general purposes
	Designed according to	UL 498	Standard for Attachment Plugs and Receptacles
	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
	Designed for applications acc.	IEC/UL 60950	IEC 60950-1 includes the basic requirements for the safety of information technology equipment.

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.
	RoHS	SCHURTER AG	EU Directive RoHS 2011/65/EU
	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.
	MicrositeV-Lock	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.

All Variants

Connector		cable				Plug					Order Number
Type	V-Lock	Cord Type	Conductor cross section	Length [m]	Color	Type	Country	Standard	Style		
C19	●	H05VV-F3G1.5	3 x 1.5 mm ²	2.0	black	Australia	AU	AS 3112	straight	-	6051.2050
C19	●	RVV 300/500 3x1.5	3 x 1.5 mm ²	2.0	black	China	CN	GB 2099	straight	-	6051.2052
C19	●	RVV 300/500 3x1.5	3 x 1.5 mm ²	6.0	black	China	CN	GB 2099	straight	-	3-102-501
C19	●	H05VV-F3G1.5	3 x 1.5 mm ²	2.0	black	Europlug	EU	CEE 7 / VII	angled	-	3-100-965
C19	●	H05VV-F3G1.5	3 x 1.5 mm ²	2.0	black	Europlug	EU	CEE 7 / VII	straight	-	6051.2043
C19	●	H05VV-F3G1.5	3 x 1.5 mm ²	3.0	black	Europlug	EU	CEE 7 / VII	angled	-	6051.2103
C19	●	H05VV-F3G1.5	3 x 1.5 mm ²	6.0	black	Europlug	EU	CEE 7 / VII	straight	-	6051.2123
C19	●	H05VV-F3G1.5	3 x 1.5 mm ²	1.0	black	Interconnection	INT	IEC 60320-1	straight	-	6051.2147
C19	●	H05VV-F3G1.5 / SJT 3x14 AWG	3 x 1.5 mm ² / 14 AWG	1.0	black	Interconnection	INT	IEC 60320-1	straight	-	6051.2197
C19	●	H05VV-F3G1.5 / SJT 3x14 AWG	3 x 1.5 mm ² / 14 AWG	2.0	black	Interconnection	INT	IEC 60320-1	straight	-	3-100-362
C19	●	H05VV-F3G1.5	3 x 1.5 mm ²	2.0	black	Interconnection	INT	IEC 60320-1	straight	-	6051.2047
C19	●	H05VV-F3G1.5 / SJT 3x14 AWG	3 x 1.5 mm ² / 14 AWG	3.0	black	Interconnection	INT	IEC 60320-1	straight	-	3-100-363
C19	●	VCTF 3x2.0	3 x 2 mm ²	2.0	black	Japan	JP	JIS 8303	straight	-	6051.2051
C19	●	SJT 3x14 AWG	3 x 14 AWG	2.0	black	North America	USA	NEMA 5-15P	straight	-	6051.2041
C19	●	SJT 3x14 AWG	3 x 14 AWG	2.5	black	North America	USA	NEMA 6-15P	straight	-	6051.2042
C19	●	SJT 3x14 AWG	3 x 14 AWG	3.0	white	North America	USA	NEMA 5-15P	straight	-	6051.2131
C19	●	SJT 3x14 AWG	3 x 14 AWG	6.0	black	North America	USA	NEMA 5-15P	straight	-	3-102-524
C19	●	SJT 3x14 AWG	3 x 14 AWG	6.0	black	North America	USA	NEMA 5-15P	straight	-	6051.2141
C19	●	H05VV-F3G1.5	3 x 1.5 mm ²	2.5	black	Switzerland	CH	SEV Typ 23	straight	-	6051.2045
C19	●	H05VV-F3G1.5	3 x 1.5 mm ²	2.0	black	United Kingdom	UK	BS 1363	angled	-	6051.2048
C19	●	H05VV-F3G1.5	3 x 1.5 mm ²	3.0	black	uninsulated wires	-	-	-	-	6051.2109
C19	●	H05VV-F3G1.5	3 x 1.5 mm ²	6.0	black	uninsulated wires	-	-	-	-	6051.2129

Connector	cable					Plug				Order Number
Type	V-Lock	Cord Type	Conductor cross section	Length [m]	Color	Type	Country	Standard	Style	

Most Popular.

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

Mating Inlets/Plugs shuttered

Category / Description

[Appliance Inlet Overview complete](#)



IEC Appliance Inlet C20 or C24, Split panel or screw-on mounting, PCB Terminal	GSP4
IEC Appliance Inlet C20, Screw-on Mounting, Rear Side, PCB Terminal	1601
IEC Appliance Inlet C20, Screw-on Mounting, Front Side, Solder or Quick-connect Terminal	4798
IEC Appliance Inlet C20, Snap-in Mounting, Front Side, Solder or Quick-connect Terminal	4793
IEC Appliance Inlet C20, Snap-in Mounting, Front Side, Solder or Quick Connect Terminal	1624
Appliance Inlet further types to VAC19KS	...

[IEC Inlet Filter Overview complete](#)



IEC Appliance Inlet C20 with Filter, ECO design, front or rear side Mounting	5130
C20F, 20 A, prewired, Standard and Medical Version, Solder, quick connect or wires (stranded), Capacitor: X2, Screw, Mounting Front-/Rear-Side, Power Entry Modules with Filter	C20F
IEC Inlet Filter further types to VAC19KS	

[Power Entry Module Overview complete](#)



IEC Appliance Inlet C20 with Line Switch, 2-pole	EC11
0 0 0 0 0	6136
IEC Appliance Inlet C20 with Circuit Breaker TA45	EF11
Power Entry Module further types to VAC19KS	

[Power Entry Module with line filter Overview complete](#)



EC12, 20 A, prewired, Standard and Medical Version, Quick connect terminals 6.3 x 0.8 mm, Capacitor: X2, Screw, Mounting Front-Side, Power Entry Modules with Filter	EC12
IEC Appliance Inlet C20 with Filter, Circuit Breaker TA45 (recessed)	EF12
Power Entry Module with line filter further types to VAC19KS	