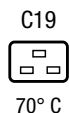Overview Power Cord with IEC Appliance Connector C19, V-Lock, straight

Volex C19

C19

70° C

See below:
Approvals and Compliances

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

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

Technical Data

Ratings IEC	16 A / 250 VAC; 50 Hz
Ratings UL/CSA	20 A / 125 VAC; 60 Hz
Dielectric Strength	> 2 kVDC between L-N > 2 kVAC between L/N-PE (1 min/50 Hz)
Allowable Operation Temperature	-25 °C to 70 °C
IP-Protection	from front side IP20 acc. to IEC 60529
Protection against electric shock	Suitable for appliances with protection class I acc. to IEC 61140
Terminal	moulded
Material: Housing	PVC, black

Appliance inlet/-outlet	C19 acc. to IEC 60320-3 IEC 60320-1 , (for cold conditions) pin-temperature 70 °C, 16 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.

Product standards
Product standards that are referenced

Organization	Design	Standard	Description
IEC	Designed according to	IEC 60320-1	Appliance couplers for household and similar general purposes
IEC	Designed according to	IEC 60320-3	Appliance couplers for household and similar general purposes
ATA	Designed according to	IEC 60320-1	Appliance couplers for household and similar general purposes
ATA	Designed according to	BS 1363-1	Socket-outlets, adapters and connection units

Application standards
Application standards where the product can be used

Organization	Design	Standard	Description
IEC	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

Identification	Details	Initiator	Description
CE	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 COMPLIANT	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.
V-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 mm²	2.0	black	Australia	AU	AS 3112	straight	-	6051.2050	
C19	●	H05VV-F3G1.5	3 x 1.5 mm²	6.0	black	Australia	AU	AS 3112	straight	-	3-108-857	
C19	●	RVV 300/500 3x1.5	3 x 1.5 mm²	2.0	black	China	CN	GB 2099	straight	-	6051.2052	
C19	●	RVV 300/500 3x1.5	3 x 1.5 mm²	6.0	black	China	CN	GB 2099	straight	-	3-102-501	
C19	●	H05VV-F3G1.5	3 x 1.5 mm²	2.0	black	Europlug	EU	CEE 7 / VII	angled	-	3-100-965	
C19	●	H05VV-F3G1.5	3 x 1.5 mm²	2.0	black	Europlug	EU	CEE 7 / VII	straight	-	6051.2043	
C19	●	H05VV-F3G1.5	3 x 1.5 mm²	3.0	black	Europlug	EU	CEE 7 / VII	angled	-	6051.2103	
C19	●	H05VV-F3G1.5	3 x 1.5 mm²	6.0	black	Europlug	EU	CEE 7 / VII	straight	-	6051.2123	
C19	●	H05VV-F3G1.5	3 x 1.5 mm²	1.0	black	Interconnection	INT	IEC 60320-1	straight	-	6051.2147	
C19	●	H05VV-F3G1.5 / SJT 3x14 AWG	3 x 1.5 mm² / 14 AWG	1.0	black	Interconnection	INT	IEC 60320-1	straight	-	6051.2197	
C19	●	H05VV-F3G1.5 / SJT 3x14 AWG	3 x 1.5 mm² / 14 AWG	2.0	black	Interconnection	INT	IEC 60320-1	straight	-	3-100-362	
C19	●	H05VV-F3G1.5 / SJT 3x14 AWG	3 x 1.5 mm² / 14 AWG	3.0	black	Interconnection	INT	IEC 60320-1	straight	-	3-100-363	
C19	●	H05VV-F3G1.5	3 x 1.5 mm²	6.0	black	Israel	IL	SI 32	straight	-	3-124-070	
C19	●	VCTF 3x2.0	3 x 2 mm²	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 mm²	2.5	black	Switzerland	CH	SEV Typ 23	straight	-	6051.2045	
C19	●	H05VV-F3G1.5	3 x 1.5 mm²	6.0	black	Switzerland	CH	SEV Typ 23	straight	-	3-124-069	
C19	●	H05VV-F3G1.5	3 x 1.5 mm²	2.0	black	United Kingdom	UK	BS 1363	angled	-	6051.2048	

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 mm²	6.0	black	United Kingdom	UK	BS 1363	angled	-	3-107-922
C19	●	H05VV-F3G1.5	3 x 1.5 mm²	3.0	black	uninsulated wires	-	-	-	-	6051.2109
C19	●	H05VV-F3G1.5	3 x 1.5 mm²	6.0	black	uninsulated wires	-	-	-	-	6051.2129

▮ 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

GSP4, Mounting: Screw, additional ground terminal IP20, Appliance Inlet, C20	GSP4
1601, Mounting: Screw, Solder terminal straight, IP20, Appliance Inlet, C20	1601
4793, Mounting: Snap-in, IP30, Appliance Inlet: IEC C20, Suitable for appliances with protection class I or II	4793
IEC Appliance Inlet C20, Snap-in Mounting, Front Side, Solder or Quick Connect Terminal	1624
IEC Appliance Inlet C20, Screw-on Mounting, Front Side, Solder, Quick-connect or Screw Terminal	1621

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, Mounting: Screw Front-/Rear-Side, Filter: Standard and Medical Version, Capacitor: X2, 16 A, Solder, quick connect or wires (stranded), prewired	C20F

IEC Inlet Filter further types to VAC19KS

Power Entry Module Overview complete

EC11, Mounting: Screw, Rocker switch: non-illuminated or illuminated 2-pole, Appliance Inlet IEC C20, Quick connect terminals 6.3 x 0.8 mm, prewired	EC11

Power Entry Module further types to VAC19KS

Power Entry Module with line filter Overview complete

EC12, Mounting: Screw Front Side, Filter: Standard and Medical Version, Capacitor: X2, 16 A, Quick connect terminals 6.3 x 0.8 mm, prewired	EC12
IEC Appliance Inlet C20 with Filter, Circuit Breaker TA45 (recessed)	EF12

Power Entry Module with line filter further types to VAC19KS

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