

Power cord with Locking System



- | Locking systems for standardized IEC C20 inlet filter
- | No accidental disconnection
- | Rated current up to 16 A (C19 plug)
- | Fit to any Schaffner IEC C20 inlet filter
- | Retrofit for any electronic equipment with IEC C20 inlet filter
- | Various power line plugs for international usage



Technical specifications

Maximum continuous operating voltage	250 VAC, 50/60 Hz
Rated currents	16A (IEC)
Operating frequency	50 to 400 Hz
High potential test voltage	P -> PE 2000 VAC (1 min 50 Hz) P -> N 2000 VAC (1 min 50 Hz)
Protection category	IP20 according IEC 60529
Temperature range (operation and storage)	-25 °C to +70 °C
Cable	2 m; 3 x 1.50 mm ² ; H05 VV-F; 6 ft; 3 x AWG14 SJT; black; other lengths or colors on request
Connector (load side)	IEC C19 according to IEC/EN 60320-2-2 with IEC lock, UL 498, CSA C22.2 no. 42 (for cold conditions) pin temperature 70 °C, 16 A, Protection Class I
Connector (line side)	C20 according to IEC/EN 60320-2-2; EU Schuko plug CEE7/VII angled; UK plug BS1363 angled; US plug NEMA5-15 straight; other plugs on request
Flammability corresponding to	Plugs: UL 94 V-2 or better; Cable: IEC 60332-1 Cat. F2

Approvals



The locking system has a tensile force of typical 200N. It is recommended to use it with flange mount filters. For details refer to our Application Note "Using IEC Lock Power Cords with IEC Inlets and Filters"

Schaffner cables with ICE lock guard against accidental disconnection of all electrical appliances with an IEC C20 inlet.
 No exchange of the IEC inlet or IEC inlet filter system is needed.
 Easy retrofit for all electronic equipment and devices.

Features and benefits

- | Power cord with locking system for IEC inlets
- | Suitable for use with any C20 IEC inlet
- | Fits the complete Schaffner IEC inlet filter program with C20 IEC inlet
- | Max. pin temperature 70 °C

Typical applications

- | Data centers
- | Industrial equipment
- | Medical devices
- | In-vitro-devices
- | Broadcast stations
- | Mobile applications

Cable selection table

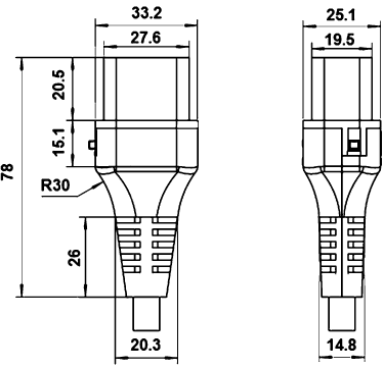
IL19-C20-H05-3150-200	IEC cable assembly with locking system for IEC C20 inlet, IEC version
IL19-EU1-H05-3150-200	IEC cable assembly with locking system for IEC C20 inlet, EU version
IL19-US1-SJT-3150-183	IEC cable assembly with locking system for IEC C20 inlet, USA version
IL19-UK1-H05-3150-200	IEC cable assembly with locking system for IEC C20 inlet, UK version
IL19-SE-H05-3150-200	IEC cable assembly with locking system for IEC C20 inlet, stripped ends

Product selector:

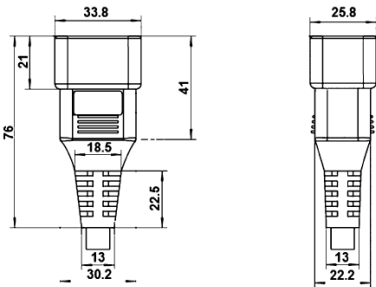
ILxx-yyy-zzz-aaaa-bbb	
183	cable length 183 cm (6ft)
200	cable length 200cm (6ft 7inch)
3150	H05 3x1.5mm2 (SJT AWG14)
H05	cable type H05VV-F
SJT	cable type SJT
C20	line side plug IEC C20 male, straight
EU1	line side plug CEE7/VII, angled
US1	line side plug NEMA5-15, straight
UK1	line side plug BS1363, angled, fused 13A
SE	line side with stripped ends
IL19	cable with IEC C19 female plug, straight, IEC-lock

Mechanical data

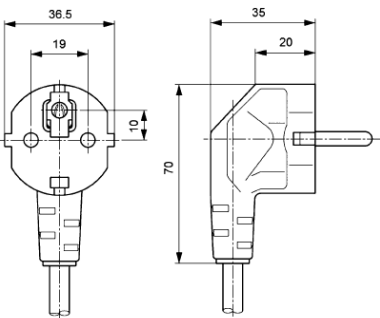
ICE Lock C19



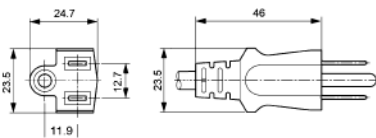
C20



CEE7/VII



NEMA5-15





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