



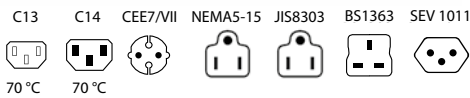
IEC Inlet Locking System IL 13

Power Cord with Locking System



- Locking system for standardized IEC C14 inlet
- No accidental disconnection
- Rated current up to 10A (C13 plug)
- Fits any SCHAFFNER IEC C14 inlet filter
- Retrofit for any IEC C14 inlet
- Various power line plugs for international usage
- Standard and hospital grade plugs available

Approvals



Technical specifications

Maximum continuous operation voltage:	250 VAC 50/60 Hz
Rated current:	10 A
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:	EU: type H05-VV-F; US type SJT or SVT; JP: type HVCTF; black Other colors on request
Connector (load side):	IEC C13 according to IEC/EN 60320-2-2 with IEC Lock UL 498, CSA C22.2 no. 42 (for cold conditions) pin temperature 70 °C, 10 A, Protection Class I
Connector (line side):	IEC C14 according to IEC/EN 60320-2-2; EU Schuko plug CEE7/VII; UK plug BS1363; US NEMA5-15 plug standard or hospital grade (UL817); CH plug SEV 1011; JP plug JIS8303 Other plugs on request
Flammability corresponding to:	Plugs: UL94V-2 or better; Cable: IEC 60332-1 Cat. F2

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“

Features and benefits

Schaffner power cords with IEC lock guard against accidental disconnection of all electrical appliances with an IEC inlet. No exchange or modification of the IEC inlet or IEC inlet filter system is needed. Easy retrofit for all electronic equipments and devices.

- Power cord with locking system for IEC inlets
- Protection class I
- Suitable for use with any C14 IEC inlet
- Fits the complete Schaffner IEC inlet filter program with C14 IEC inlet
- Max. pin temperature 70°C

Typical applications

- Data centers
- Industrial equipment
- Medical devices
- In-vitro diagnostic devices
- Broadcasting stations
- Mobile applications

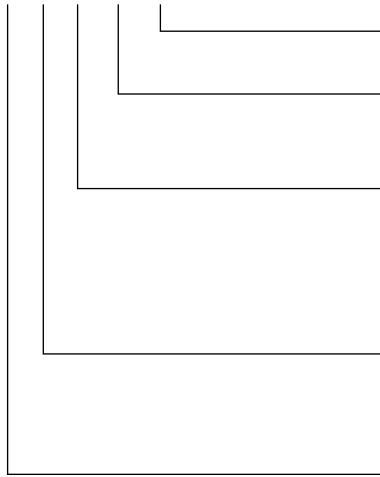
Cable selection table

IL13-C14-H05-3100-200	IEC cable assembly with locking system for IEC C14 inlet, EU version
IL13-C14-SVT-3100-183	IEC cable assembly with locking system for IEC C14 inlet, US version
IL13-EU1-H05-3100-200	IEC cable assembly with locking system for IEC C14 inlet, EU version
IL13-US1-SVT-3100-183	IEC cable assembly with locking system for IEC C14 inlet, US version
IL13-US2-SJT-3100-...*	IEC cable assembly with locking system for IEC C14 inlet, US version, hospital grade
IL13-UK1-H05-3100-200	IEC cable assembly with locking system for IEC C14 inlet, UK version
IL13-CH1-H05-3100-200	IEC cable assembly with locking system for IEC C14 inlet, CH version
IL13-JP1-HVCTF-3125-200	IEC cable assembly with locking system for IEC C14 inlet, JP version

* To compile a complete part number, please replace the -... with the required length. This power cord is with 6ft. (-183) 9ft. (-275) and 12ft. (-366) deliverable.

Product selector

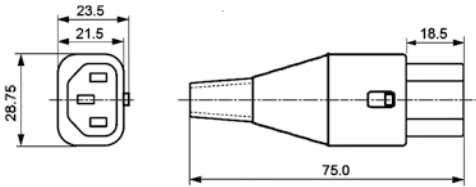
IL13-yyy-zzz-aaaa-bbb



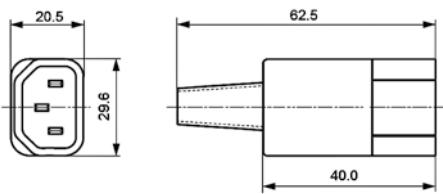
- 183 cable length 183 cm (6ft), (only US versions)
- 200 cable length 200 cm (6ft 7in)
- 3100 3 x 1.0 mm² (US: AWG18)
- 3125 3 x 1.25 mm² (only Japan version)
- H05 cable type H05VV-F
- SVT cable type SVT
- SJT cable type SJT
- HVCTF cable type HVCTF
- C14 line side plug IEC C14 male, straight
- EU1 line side plug CEE7/VII, right angled
- US1 line side plug NEMA5-15, straight
- US2 line side plug NEMA5-15, straight, hospital grade according UL817
- UK1 line side plug BS1363, right angled, fused 5A
- CH1 line side plug SEV1011, straight
- JP1 line side plug JIS8303, straight
- IL13 load side IEC C13 female plug, straight, lock

Mechanical data

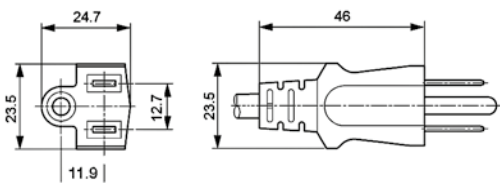
C13



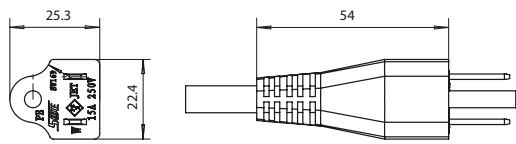
C14



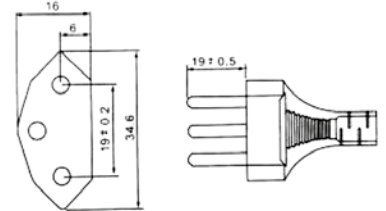
NEMA5-15



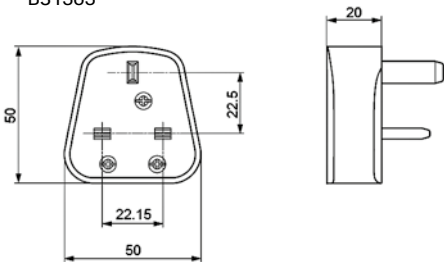
JIS 8303



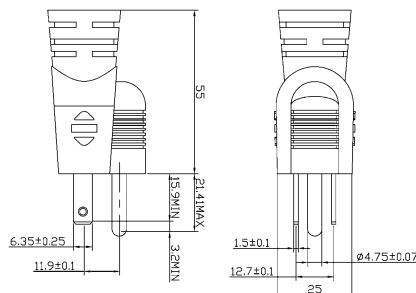
SEV1011



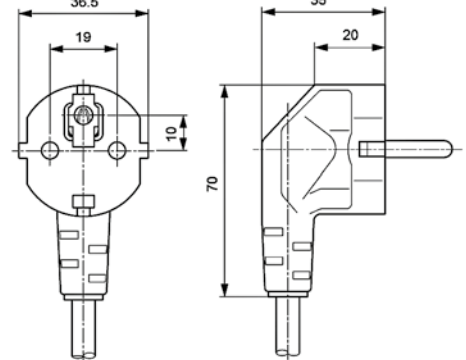
BS1363



NEMA5-15 (Hospital grade)



CEE7/VII



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