



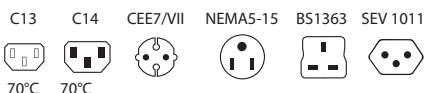
# IEC Inlet Locking System IL 13

## Power Cord with Locking System



- Locking system for standardized IEC C14 inlet
- No accidental disconnection
- Rated current up to 10A (C13 plug)
- Fits any SCHAFNER 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:	250VAC 50/60Hz
Rated current:	10A
High potential test voltage:	P → PE 2000VAC (1min 50Hz) P → N 2000VAC (1min 50Hz)
Protection category:	IP20 according IEC 60529
Temperature range (operation and storage):	-25°C to +70°C
Cable:	2m; 3 x 1.00mm <sup>2</sup> ; H05 VV-F; 6 ft; 3 x 18AWG; SVT black; other lengths or 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; 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

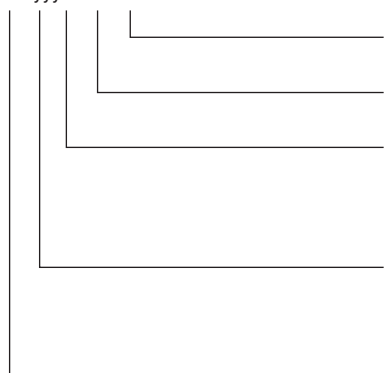
**Cable selection table**

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

\* 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**

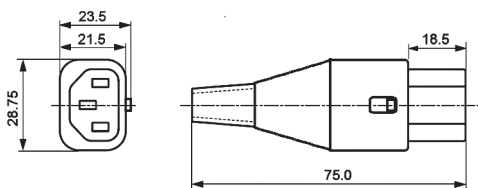
IL13-yyy-zzz-aaaa-bbb



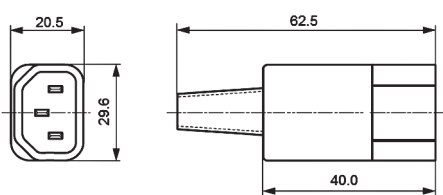
183	cable length 183cm (6ft)
200	cable length 200cm (6ft 7in)
3100	3x1.0mm <sup>2</sup> (US: AWG18)
H05	cable type H05VV-F
SVT	cable type SVT
C14	line side plug IEC C14 male, straight
EU1	line side plug CEE7/VII, right angled
US1	line side plug NEMA5-15, straight
US2	line side plug NEMA5-15, straight, hospital grade according UL817
UK1	line side plug BS1363, right angled, fused 5A
CH1	line side plug SEV1011, straight
IL13	load side IEC C13 female plug, straight, lock

**Mechanical data**

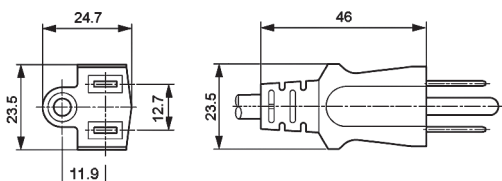
C13



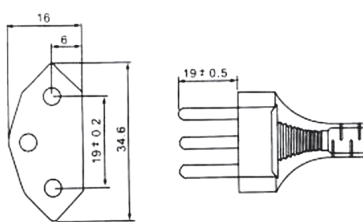
C14



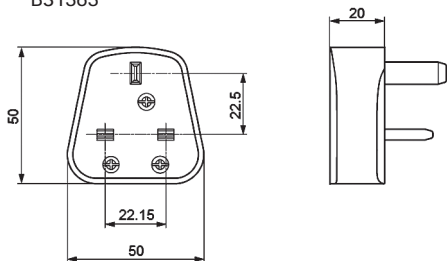
NEMA5-15



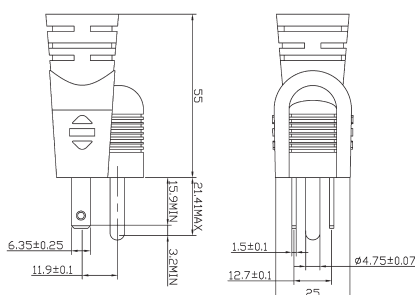
SEV1011



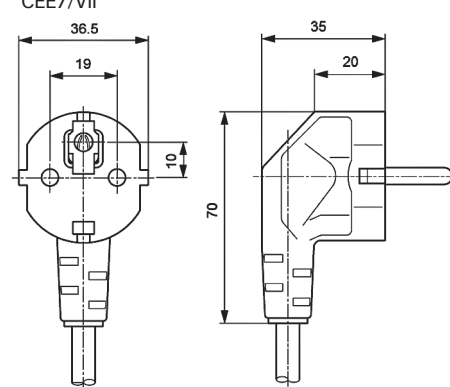
BS1363



NEMA5-15 (Hospital grade)



CEE7/VII



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