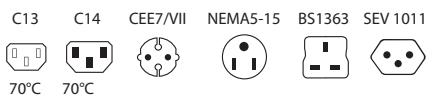


IEC Inlet Locking System IL 13

Power Cord with Locking System



SCHAFNER
energy efficiency and reliability



- 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



RoHS

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 ² ; 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

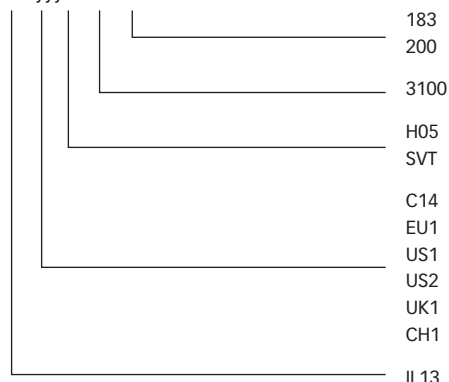
Cable selection table

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

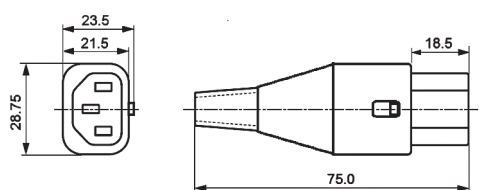
IL13-yyy-zzz-aaaa-bbb



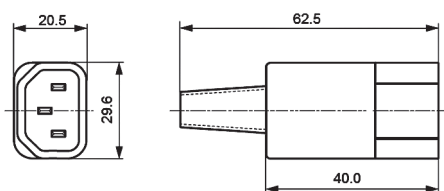
cable length 183cm (6ft)
 cable length 200cm (6ft 7in)
 3x1.0mm² (US: AWG18)
 cable type H05VV-F
 cable type SVT
 line side plug IEC C14 male, straight
 line side plug CEE7/VII, right angled
 line side plug NEMA5-15, straight
 line side plug NEMA5-15, straight, hospital grade according UL817
 line side plug BS1363, right angled, fused 5A
 line side plug SEV1011, straight
 load side IEC C13 female plug, straight, lock

Mechanical data

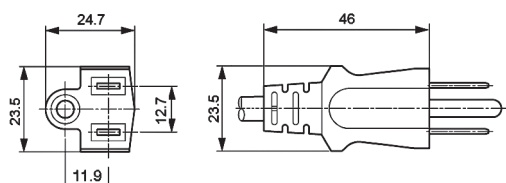
C13



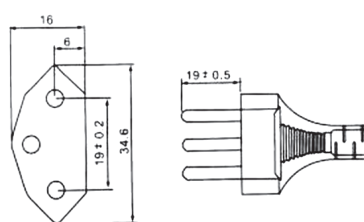
C14



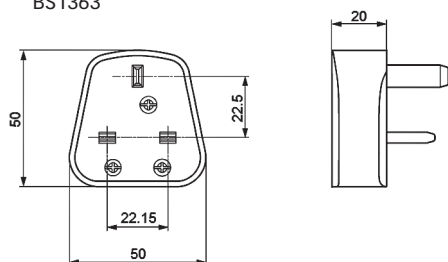
NEMA5-15



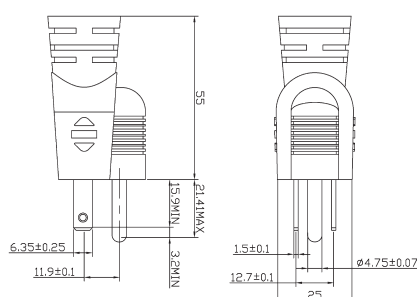
SEV1011



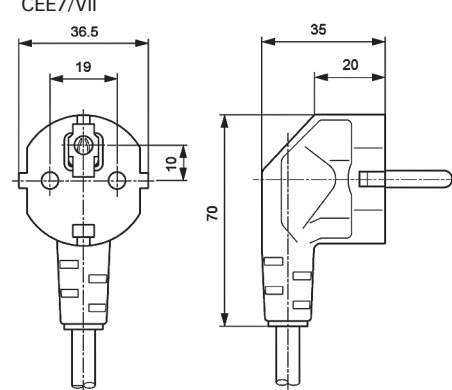
BS1363



NEMA5-15 (Hospital grade)



CEE7/VII



**Headquarters, global innovation
and development center**

Schaffner Group
Nordstrasse 11
4542 Luterbach
Switzerland
T +41 32 681 66 26
F +41 32 681 66 30
info@schaffner.com
www.schaffner.com

Sales and application centers

China
Schaffner EMC Ltd. Shanghai
T20-3, No 565 Chuangye Road
Pudong New Area
Shanghai 201201
T +86 21 3813 9500
F +86 21 3813 9501 / 02
cschina@schaffner.com
www.schaffner.com

Finland
Schaffner Oy
Sauvonrinne 19 H
08500 Lohja
T +358 19 35 72 71
F +358 19 32 66 10
finlandsales@schaffner.com

France
Schaffner EMC S.A.S.
112, Quai de Bezons
95103 Argenteuil
T +33 1 34 34 30 60
F +33 1 39 47 02 28
francesales@schaffner.com

Germany
Schaffner Deutschland GmbH
Schoemperlenstrasse 12B
76185 Karlsruhe
T +49 721 56910
F +49 721 569110
germanysales@schaffner.com

Italy
Schaffner EMC S.r.l.
Via Galileo Galilei, 47
20092 Cinisello Balsamo (MI)
T +39 02 66 04 30 45/47
F +39 02 61 23 943
italysales@schaffner.com

Japan
Schaffner EMC K.K.
Mitsui-Seimei Sangenjaya Bldg. 7F
1-32-12, Kamiuma, Setagaya-ku
Tokyo 154-0011
T +81 3 5712 3650
F +81 3 5712 3651
japansales@schaffner.com
www.schaffner.jp

Singapore
Schaffner EMC Pte Ltd.
Blk 3015A Ubi Road 1
05-09 Kampong Ubi Industrial Estate
T +65 6377 3283
F +65 6377 3281
singaporesales@schaffner.com

Spain
Schaffner EMC España
Calle Caléndula 93
Miniparc III, Edificio E
El Soto de la Moraleja
Alcobendas
28109 Madrid
T +34 618 176 133
spainsales@schaffner.com

Sweden
Schaffner EMC AB
Turebergstorg 1, 6
19147 Sollentuna
T +46 8 5792 1121 / 22
F +46 8 92 96 90
swedensales@schaffner.com

Switzerland
Schaffner EMV AG
Nordstrasse 11
4542 Luterbach
T +41 32 681 66 26
F +41 32 681 66 41
sales@schaffner.ch

Taiwan
Schaffner EMV Ltd.
6th Floor, No 413
Rui Guang Road
Neihu District
Taipei City 114
T +886 2 87525050
F +886 2 87518086
taiwansales@schaffner.com

Thailand
Schaffner EMC Co. Ltd.
Northern Region Industrial Estate
67 Moo 4 Tambon Ban Klang
Amphur Muang P.O. Box 14
Lamphun 51000
T +66 53 58 11 04
F +66 53 58 10 19
thailandsales@schaffner.com

UK
Schaffner Ltd.
5 Ashville Way
Molly Millars Lane
Wokingham
Berkshire RG41 2PL
T +44 118 9770070
F +44 118 9792969
uksales@schaffner.com
www.schaffner.uk.com

USA
Schaffner EMC Inc.
52 Mayfield Avenue
Edison, New Jersey 08837
T +1 732 225 9533
F +1 732 225 4789
usasales@schaffner.com
www.schaffner.com/us

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Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: info@moschip.ru

Skype отдела продаж:

moschip.ru

moschip.ru_4

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moschip.ru_9