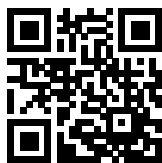


- Locking system for standardized IEC C14/C20 inlet filter
- No accidental disconnection
- Rated current up to 10 A (C13 plug), up to 15 A (C13P plug), and up to 20 A (C19 plug)
- Fits any Schaffner IEC C14/C20 inlet filter
- Retrofit for any IEC C14/C20 inlet
- Various power line plugs for international usage



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 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.

Maximum continuous operating voltage	250 VAC, 50/60 Hz
Nominal operating voltage	230 VAC
Rated currents	10 A for C13 plug, 15 A for C13P plug
Operating frequency	DC to 60 Hz
High potential test voltage	P-> PE 2000 VAC (1 min 50 Hz) P-> N 2000 VAC (1 min 50 Hz)
Temperature range (operation and storage)	-25°C to +70°C
Protection category	IP 20 according IEC 60529
Flammability corresponding to	Plugs: UL 94 V-2 or better Cable: IEC 60332-1 Cat. F2
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 temp. 70°C, up to 15 A, Protection Class I
Connector (line side) and cables	Please refer to table on page 2 and 3

- Power cord with locking system for IEC inlets
- Protection class I (IL 13, IL 13 P)
- Suitable for use with any C14 IEC inlet (IL 13, IL 13 P) and C20 IEC inlet (IL 19)
- Fits the complete Schaffner IEC inlet filter program with C14 IEC inlet and C20 IEC inlet (IL 19)
- Max. pin temperature 70°C

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

Maximum continuous operating voltage	250 VAC, 50/60 Hz
Rated currents	10 A for C13 plug, 15 A for C13P plug
High potential test voltage	P→ PE 2000 VAC (1 min 50 Hz) P → N 2000 VAC (1 min 50 Hz)
Protection category	IP 20 according IEC 60529
Temperature range (operation and storage)	-25°C to +70°C
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 temp. 70°C, up to 15 A, Protection Class I
Connector (line side) and cables	Please refer to table on page 2 and 3
Flammability corresponding to	Plugs: UL 94 V-2 or better; Cable: IEC 60332-1 Cat. F2

Maximum continuous operating voltage	250 VAC, 50/60 Hz
Rated currents	16 A (IEC), 20 A (UL)
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	IP 20 according IEC 60529
Temperature range (operation and storage)	-25°C to +70°C
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 temp. 70°C, up to 20 A, Protection Class I
Connector (line side) and cables	please refer to table on page 4
Flammability corresponding to	Plugs: UL 94 V-2 or better; Cable: IEC 60332-1 Cat. F2

Cable Selection Table IL13

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

To compile a complete part number, please replace the X* with the required length (please refer to table below for available length per cable type):
- X* options = 200, 300, 400, 500 or 1000 cm; 183, 275 or 366 cm (6, 9 or 12 feet)

Available Combinations IL13

To compile a complete part number exchange the letters (IL13-yyy-zzz-aaaa-bbb-c) with the data from the table below.

Load side IL13		Line side plug		Cable type		Cable core		Rating	Cable length*		Cable color		Cert.
IL13		yyy		zzz		aaaa			bbb		c		
IL13	IEC C13 Female plug, straight, lock	IEC C14, male, straight	C14	H05VV-F	H05	3x1.00mm ²	3100	250VAC 10A	6 feet	183	Black Blue Orange Red White	- B O R W	CB KC KEMA SAA
		Australian plug 3 pins	AU1						200 cm	200			
		SEV1011, straight	CH1						9 feet	275			
		CEE 7/VI, right angled	EU1						300 cm	300			
		CEE 7/VII, straight	EU2						12 feet	366			
		Italian Plug	IT1						400 cm	400			
		Israel Plug	IL1						500 cm	500			
		Korean Plug	KC1						1000 cm	1000			
		South African Plug	SA1										
		Stripped Ends	SE										
IL13	IEC C13 Female plug, straight, lock	BS1363, right angled fused 5A	UK1	HVCTF	HVCTF	3x1.25mm ² 3x2.00mm ²	3125 3200	125VAC 12A 15A	100 cm	100	Black Blue Orange Red White	- B O R W	PSE
		BS1363, right angled fused 10A	UK2						200 cm	200			
		IEC C14, male, straight	C14						300 cm	300			
		Japanese Plug JIS C8303 insulated sleeves	JP1						400 cm	400			
		Stripped Ends	SE						500 cm	500			
IL13	IEC C13 Female plug, straight, lock	IEC C14, male, straight	C14	SJT SVT	SJT SVT	AWG 18 AWG 16 AWG 14	3100 3130 3160	125VAC 10A 13A 15A	6 feet	183	Black Blue Orange Red White	- B O R W	UL cUL
		Stripped Ends	SE						200 cm	200			
		NEMA5-15, straight	US1						9 feet	275			
		NEMA5-15, straight, hospital grade	US2						300 cm	300			
									12 feet	366			
									400 cm	400			
IL13	IEC C13 Female plug, straight, lock	IEC C14, male, straight	C14	RVV	RVV	3x1.00mm ²	3100	250VAC 10A	200 cm	200	Black Blue Orange Red White	- B O R W	CCC
		Chinese plug	CN1										
IL13	IEC C13 Female plug, straight, lock	Stripped Ends	SE	BIS 694 1000V	BIS694	3x1.00mm ²	3100	250VAC 10A	200 cm	200	Black Blue Orange Red White	- B O R W	CB
		Indian plug 3 Pin	IN1										
IL13	IEC C13 Female plug, straight, lock	Stripped Ends	SE										

*feet values are calculated to the matching length in cm

Cable Selection Table IL13P

IL13P-C14-H05-3100-X*	IEC cable assembly with locking system + for IEC C14 inlet, EU version
IL13P-CH1-H05-3100-X*	IEC cable assembly with locking system + for IEC C14 inlet, CH version
IL13P-EU1-H05-3100-X*	IEC cable assembly with locking system + for IEC C14 inlet, EU version
IL13P-JP1-HVCTF-3125-X*	IEC cable assembly with locking system + for IEC C14 inlet, JP version
IL13P-SE-H05-3100-X*	IEC cable assembly with locking system + for IEC C14 inlet, stripped ends
IL13P-UK1-H05-3100-X*	IEC cable assembly with locking system + for IEC C14 inlet, UK version
IL13P-US1-SJT-3160-X*	IEC cable assembly with locking system + for IEC C14 inlet, US version
IL13P-S-C14-UC-3100-X*	IEC SLIMLINE cable assembly with locking system + for IEC C14 inlet

To compile a complete part number, please replace the X* with the required length (please refer to table below for available length per cable type):

- X* options = 200, 300, 400, 500 or 1000 cm; 183, 275 or 366 cm (6, 9 or 12 feet)

Available Combinations IL13P

To compile a complete part number exchange the letters (IL13P-yyy-zzz-aaaa-bbb-c) with the data from the table below.

Load side IL13P IL13P		Line side plug yyy		Cable type zzz		Cable core aaaa		Rating	Cable length* bbb		Cable color c		Cert.
IL13P	IEC C13 + Female plug, straight, lock	IEC C14, male, straight	C14	H05VV-F	H05	3x1.00mm ²	3100	250VAC 10A	6 feet	183	Black Blue Orange Red White	- B O R W	CB KC KEMA SAA
		Australian plug 3 pins	AU1						200 cm	200			
		SEV1011, straight	CH1						9 feet	275			
		CEE 7/VII, right angled	EU1						300 cm	300			
		CEE 7/VII, straight	EU2						12 feet	366			
		Italian Plug	IT1						400 cm	400			
		Israel Plug	IL1						500 cm	500			
		Korean Plug	KC1						1000 cm	1000			
		South African Plug	SA1										
		Stripped Ends	SE										
BS1363, right angled fused 5A	UK1												
BS1363, right angled fused 10A	UK2												
IL13P	IEC C13 + Female plug, straight, lock	IEC C14, male, straight	C14	HVCTF	HVCTF	3x1.25mm ² 3x2.00mm ²	3125 3200	125VAC 12A 15A	100 cm	100	Black Blue Orange Red White	- B O R W	PSE
		Japanese Plug JIS C8303 insulated sleeves	JP1						200 cm	200			
		Stripped Ends	SE						300 cm	300			
									400 cm	400			
		500 cm	500										
IL13P	IEC C13 + Female plug, straight, lock	IEC C14, male, straight	C14	SJT SVT	SJT SVT	AWG 18 AWG 16 AWG 14	3100 3130 3160	125VAC 10A 13A 15A	6 feet	183	Black Blue Orange Red White	- B O R W	UL cUL
		Stripped Ends	SE						200 cm	200			
		NEMA5-15, straight	US1						9 feet	275			
		NEMA5-15, straight, hospital grade	US2						300 cm	300			
									12 feet	366			
		400 cm	400										
		500 cm	500										
		1000 cm	1000										
IL13P	IEC C13 + Female plug, straight, lock	IEC C14, male, straight	C14	RVV	RVV	3x1.00mm ²	3100	250VAC 10A	200 cm	200	Black Blue Orange Red White	- B O R W	CCC
		Chinese plug	CN1										
		Stripped Ends	SE										
IL13P	IEC C13 + Female plug, straight, lock	IEC C14, male, straight	C14	BIS 694 1000V	BIS694	3x1.00mm ²	3100	250VAC 10A	200 cm	200	Black Blue Orange Red White	- B O R W	CB
		Indian plug 3 Pin	IN1										
		Stripped Ends	SE										
IL13P-S	IEC C13 + DUAL Locking Female plug, straight, lock	IEC C14 dual locking, male, straight	C14	H05VV-F	UC	3x1.00mm ²	3100	250VAC 10A	50 cm	50	Black Blue Red White	- B R W	ENEC cUL SAA
									100 cm	100			
									150 cm	150			
									200 cm	200			
									250 cm	250			
									300 cm	300			

*feet values are calculated to the matching length in cm

New DUAL Locking Version IL13P-S



Locking functionality on both ends of the cord

Cable Selection Table IL19

IL19-C20-H05-3150-X*	IEC cable assembly with locking system for IEC C20 inlet, EU version
IL19-C20-SJT-3160-X*	IEC cable assembly with locking system for IEC C20 inlet, US version
IL19-EU1-H05-3150-X*	IEC cable assembly with locking system for IEC C20 inlet, EU version
IL19-SE-H05-3150-X*	IEC cable assembly with locking system for IEC C20 inlet, stripped ends
IL19-UK1-H05-3150-X*	IEC cable assembly with locking system for IEC C20 inlet, UK version
IL19-US1-SJT-3160-X*	IEC cable assembly with locking system for IEC C20 inlet, US version

To compile a complete part number, please replace the X* with the required length (please refer to table below for available length per cable type):

- X* options = 200, 300, 400, 500 or 1000 cm; 183, 275 or 366 cm (6, 9 or 12 feet)

Available Combinations IL19

To compile a complete part number exchange the letters (IL19-yyy-zzz-aaaa-bbb-c) with the data from the table below.

Load side IL19		Line side plug		Cable type		Cable core		Rating*	Cable length**		Cable color		Cert.
IL19		yyy		zzz		aaaa			bbb		c		
IL19	IEC C19 Female plug, straight, lock	IEC C20, male, straight	C20	H05VV-F	H05	3x1.50mm²	3150	16A	6 feet	183	Black Blue Orange Red White	- B O R W	CB KEMA SAA
		Australian plug 3 pins	AU1					15A	200 cm	200			
		SEV1011, straight	CH1					16A	9 feet	275			
		CEE 7/VII, right angled or straight	EU1					16A	300 cm	300			
		Italian Plug	IT1					16A	12 feet	366			
		South Africa plug	SA1					16A	400 cm	400			
		Stripped Ends	SE					16A	500 cm	500			
		BS1363, right angled fused 13A	UK1					13A	1000 cm	1000			
IL19	IEC C19 Female plug, straight, lock	IEC C20, male, straight	C20	HVCTF	HVCTF	3x2.00mm²	3200	15A	100 cm	100	Black Blue Orange Red White	- B O R W	PSE
		Japanese Plug JIS C8303 insulated sleeves	JP1						200 cm	200			
		Stripped Ends	SE						300 cm	300			
									400 cm	400			
									500 cm	500			
IL19	IEC C19 Female plug, straight, lock	IEC C20, male, straight	C20	SJT SVT	SJT SVT	AWG14 AWG12	3160 3205	125V 15A 20A	6 feet	183	Black Blue Orange Red White	- B O R W	UL cUL
		Stripped Ends	SE						200 cm	200			
									9 feet	275			
									300 cm	300			
		NEMA5-15, straight	US1						12 feet	366			
			US4						400 cm	400			
		Nema 5-20P							500 cm	500			
IL19	IEC C19 Female plug, straight, lock	Chinese plug	CN1	RVF	RVF	3x1.50mm²	3150	16A	200 cm	200	black	-	CCC

* if not seperately mentioned 250VAC is rated voltage

** feet values are calculated to the matching length in cm

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