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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

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IEC Appliance Outlet J, Snap-in Mounting, Front Side, IDC Terminal



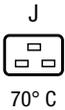
Arrangement "cross"
(wires cross to pin axis)



Arrangement "along"
(wires along to pin axis)



Arrangement "cross", view from rear side
(wires cross to pin axis)



Description

- Panel Mount :
Snap-in version , from front side
- Connector , Pin temperature 70 °C , Protection class I
- Wire gauge 10AWG/6.0mm², 12AWG/4.0mm², 2.5mm²
- IDC terminals acc. to IEC 60998-2-3 for solid wires

Unique Selling Proposition

- Reduces labor costs
- Allows wiring of multiple terminals at once
- Cross and along orientation
- V-Lock cord retaining standard

Approvals

- ENEC File Number: 40042639
- UL File Number: E103791
- CCC File Number: 2014010204668919

Characteristics

- Protection cover can be used as "wire press"
- Live contact available as IDC, solder or quick connect terminal
- ready to use with V-Lock cordsets
- Suitable for use in equipment according to IEC/UL 60950

Other versions on request

- Other panel thickness
- Versions with protection class II

References

Alternative: version for 10 A (15 A) 6610

Weblinks

[pdf datasheet](#), [html-datasheet](#), [General Product Information](#), [RoHS](#), [CHINA-RoHS](#), [REACH](#), [Distributor-Stock-Check](#), [Accessories](#), [Detailed request for product](#)

The integration of light pipes in the appliance outlet provides status indication in smart PDUs. See Application Note for more information.

[Application Note](#)

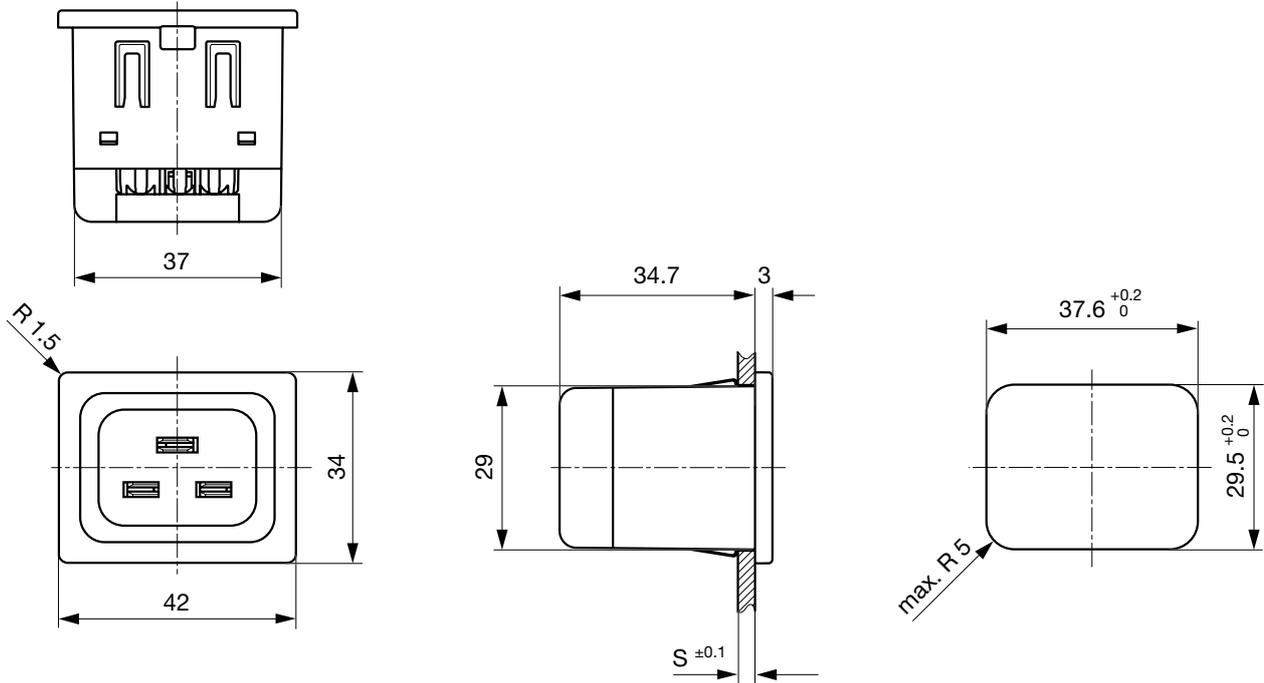
Technical Data

Ratings IEC	16A / 250VAC; 50Hz	appliance inlet/-outlet	J acc. to IEC 60320-1,
Ratings UL/CSA	20A / 250VAC; 60Hz		UL 60320-1, CSA C22.2 no. 60320-1 ,
Dielectric Strength	> 2.5kVAC between L-N > 1.5kVAC between L/N-PE (1 min/50Hz)		Protection Class I
Allowable Operation Temperature	-25 °C to 70 °C		
Insulation cover	Suitable for appliances with protection class I acc. to IEC 61140		
Terminal	IDC terminals		
Panel Thickness s	1/1.2/1.5/2/2.5/3 mm		
Material: Housing	Thermoplastic, black, UL 94V-0		

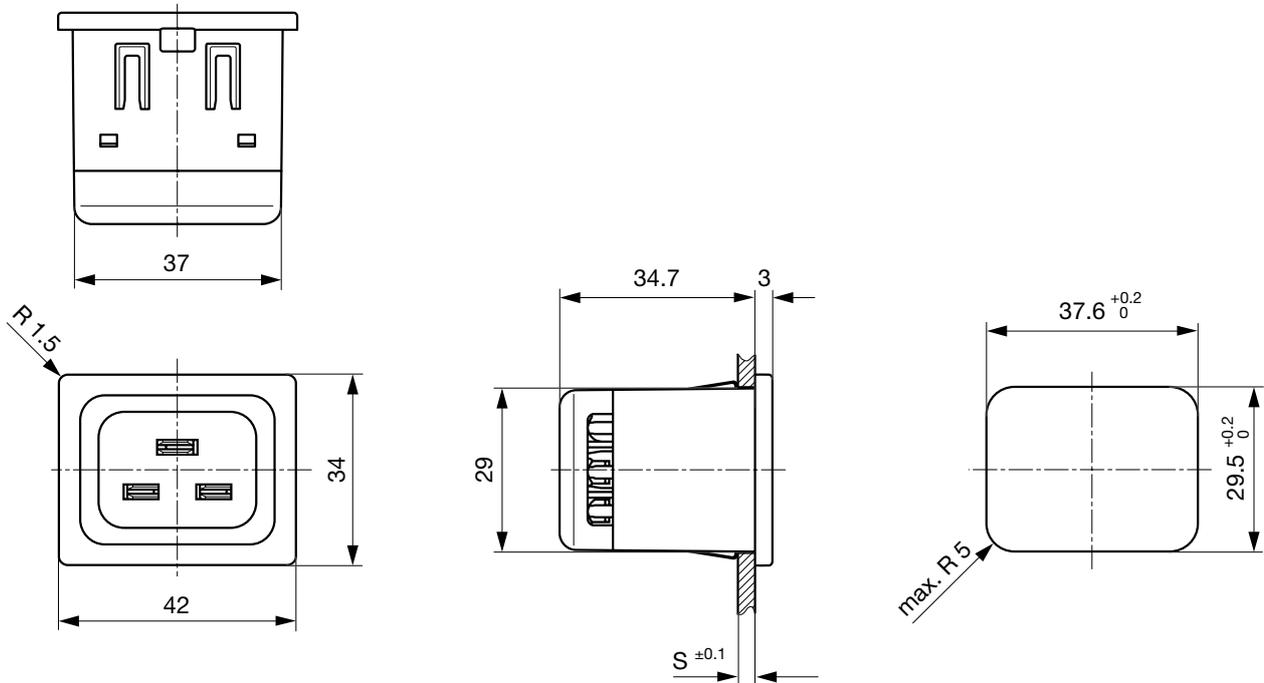
Detailed information on product approvals, code requirements, usage instructions and detailed test conditions can be looked up in [General Product Information](#)

Dimensions

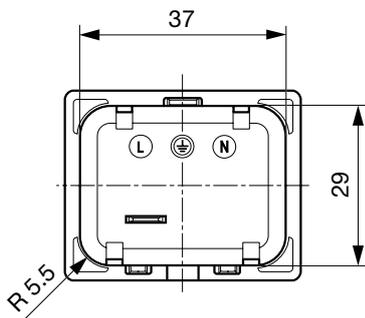
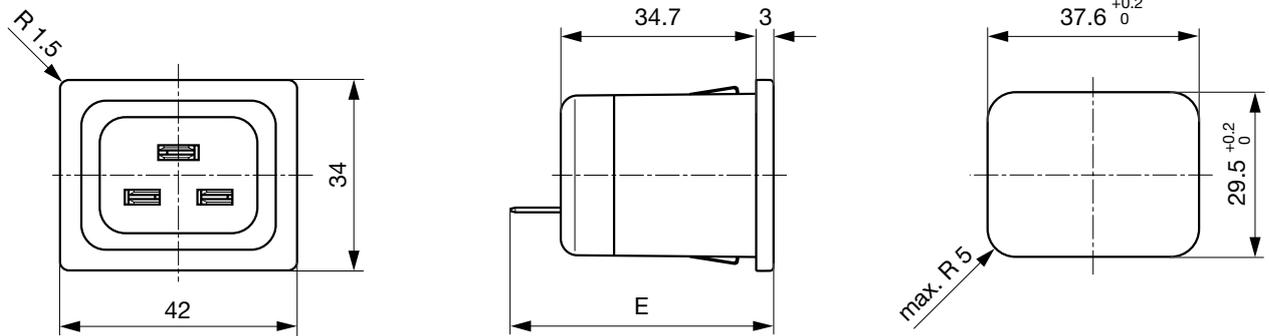
Version "cross" (wires cross to pin axis)
L/N/PE: IDC terminals



Version "along" (wires along to pin axis)
L/N/PE: IDC terminals

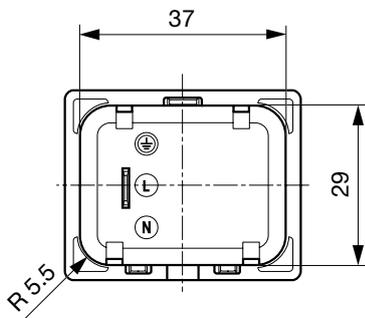
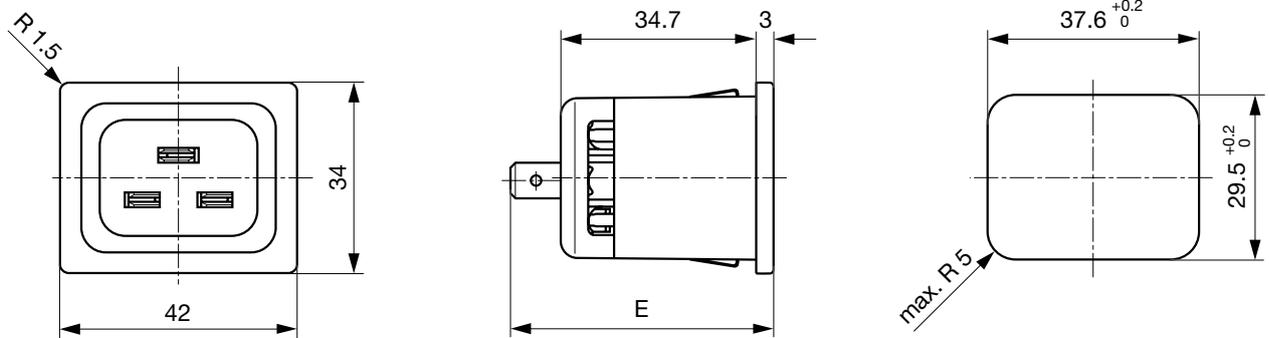


Version "cross" (wires cross to pin axis)
N/PE: IDC terminals, L: quick connect or solder terminal



E: Quick connect terminal 6.3x0.8: 46.7 mm
E: Solder terminal: 47.2 mm

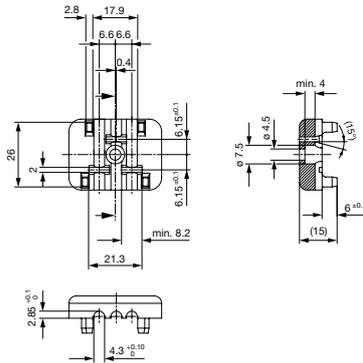
Version "along" (wires along to pin axis)
N/PE: IDC terminals, L: quick connect or solder terminal



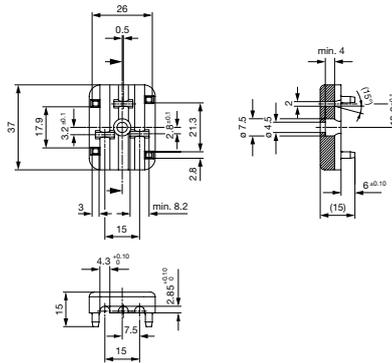
E: Quick connect terminal 6.3x0.8: 46.7 mm
E: Solder terminal: 47.2 mm

Assembly Instructions

Mounting tool version "cross"



Mounting tool version "along"



All Variants

Alignment ¹⁾	Conductor cross section	Panel Thickness [mm]	Terminal type live contact	Order Number
along	2.5 mm ²	1.5	IDC terminal	4710.6014
along	2.5 mm ²	1.5	Quick connect terminal 6.3 x 0.8	4710.6254
along	2.5 mm ²	1.5	Solder terminal	4710.6154
along	4.0 mm ² / 12 AWG	1	IDC terminal	4710.4012
along	4.0 mm ² / 12 AWG	1.5	IDC terminal	4710.4014
along	4.0 mm ² / 12 AWG	1.5	Quick connect terminal 6.3 x 0.8	4710.4254
along	4.0 mm ² / 12 AWG	1.5	Solder terminal	4710.4154
along	6.0 mm ² / 10 AWG	1.5	IDC terminal	4710.2014
along	6.0 mm ² / 10 AWG	1.5	Quick connect terminal 6.3 x 0.8	4710.2254
along	6.0 mm ² / 10 AWG	1.5	Solder terminal	4710.2154
cross	2.5 mm ²	1.5	IDC terminal	4710.5014
cross	2.5 mm ²	1.5	Quick connect terminal 6.3 x 0.8	4710.5254
cross	2.5 mm ²	1.5	Solder terminal	4710.5154
cross	4.0 mm ² / 12 AWG	1.5	IDC terminal	4710.3014
cross	4.0 mm ² / 12 AWG	2	IDC terminal	4710.3015
cross	4.0 mm ² / 12 AWG	1.5	Quick connect terminal 6.3 x 0.8	4710.3254
cross	4.0 mm ² / 12 AWG	1.5	Solder terminal	4710.3154
cross	6.0 mm ² / 10 AWG	1.5	IDC terminal	4710.1014
cross	6.0 mm ² / 10 AWG	1.5	Quick connect terminal 6.3 x 0.8	4710.1254
cross	6.0 mm ² / 10 AWG	1.5	solder terminal	4710.1154

 Most Popular.

Availability for all products can be searched real-time: <http://www.schurter.com/en/Stock-Check/Stock-Check-SCHURTER>

1) The alignment describes whether the wires are along or across to the connector pin axis.

Packaging unit 50 Pcs

Mating Inlets/Plugs

Category / Description



[Plug Overview complete](#)

IEC Plug I, Cord Connector (Rewireable), Straight	4796
IEC Plug I, Cord Connector (Rewireable), Angled	4789

[Plug further types to 4710](#)

Mating Inlets/Plugs shuttered



[Interconnection Cord Overview complete](#)

VAC19KS, Interconnection, V-Lock cord retaining, 2.0 m, Connector IEC C19, H05VV-F3G1.5 / SJT 3x14 AWG, black	3-100-362
VAC19KS, Interconnection, V-Lock cord retaining, 3.0 m, Connector IEC C19, H05VV-F3G1.5 / SJT 3x14 AWG, black	3-100-363
VAC19KS, Interconnection, V-Lock cord retaining, 1.0 m, Connector IEC C19, H05VV-F3G1.5, black	6051.2147
VAC19KS, Interconnection, V-Lock cord retaining, 1.0 m, Connector IEC C19, H05VV-F3G1.5 / SJT 3x14 AWG, black	6051.2197
VAC19KS, Interconnection, V-Lock cord retaining, 2.0 m, Connector IEC C19, H05VV-F3G1.5, black	6051.2047

[Interconnection Cord further types to 4710](#)