

IEC Appliance Inlet C14 with modular extended Components

Plug removal necessary for fuse replacement



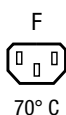
6421.005X.XX
Appliance inlet
Appliance outlet



6431.005X.XX
Appliance inlet
Switch
Appliance outlet



6432.0X5X.XX
Appliance inlet
Fuseholder
Switch
Appliance outlet

**Description**

- Panel Mount:
Snap-in version, from front side
- 2 - 5 Functions:
Appliance Inlet, Protection class I, Outlet, Line Switch 2-pole, Fuseholder for fuse-links 5 x 20 mm 1- or 2-pole, Solder terminals 3.5 x 0.8 mm or quick connect terminals 6.3 x 0.8 mm

Approvals

- VDE Certificate Number: 40028094
- ENEC File Number: 101307
- UL File Number: E103791, E96454
- CSA File Number: 38456

Characteristics

- Modular component selection
- Individual components soldered on a printed circuit board
- Plug removal necessary for fuse-link replacement
Fuse drawer meets requirements of medical standard IEC/EN 60601-1
The fuseholder is accessible from the equipment front
- Fully insulated from the rear
- Qualified for use in equipment according IEC/EN 60950

Other versions on request

- Line switch with other rocker marking

References

Alternative: version with line filter [Felcom 54](#)

Weblinks

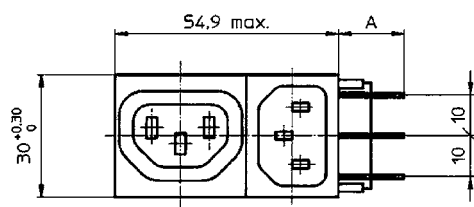
[pdf-datasheet](#), [html-datasheet](#), [General Product Information](#), [Approvals](#), [CE declaration of conformity](#), [RoHS](#), [CHINA-RoHS](#), [Mating Connectors](#), [SCHURTER-Stock-Check](#), [Distributor-Stock-Check](#), [CAD-Drawings](#), [Accessories](#), [Detailed request for product](#)

Technical Data

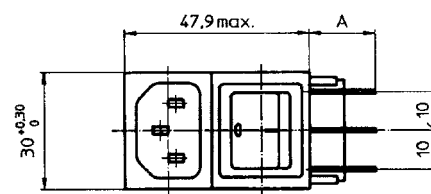
Ratings IEC	10 A / 250 VAC; 50 Hz
Ratings UL/CSA	10 A / 125/250 VAC; 60 Hz
Allowable Operation Temp.	-25 °C to 70 °C
Protection Class	Suitable for appliances with protection class I acc. to IEC 61140
Terminal	Solder terminals 3.5 x 0.8 mm or quick connect terminals 6.3 x 0.8 mm, tin-plated
Panel Thickness s	Snap-in: 1/1.2/1.5/2/2.5/3 mm
Material: Housing	Thermoplastic, black, UL 94V-0

Appliance Inlet / Appliance Outlet	C14 acc. to IEC 60320 and F acc. to IEC 60320, UL 498, CSA C22.2 no. 42 (for cold conditions) pin-temperature 70 °C, 10 A, Protection Class I
Fuseholder	1 or 2 pole, Shocksafe category PC2 acc. to IEC 60127-6, for fuse-links 5 x 20 mm
Rated Power Acceptance @ Ta 23 °C	5 x 20: 2 W (1 pole)/ 1.6 W (2-pole) per pole
Power Acceptance @ Ta > 23 °C	Admissible power acceptance at higher ambient temperature see derating curves
Line Switch	Rocker switch 2-pole, non-illuminated, IEC 61058-1 Technical Details

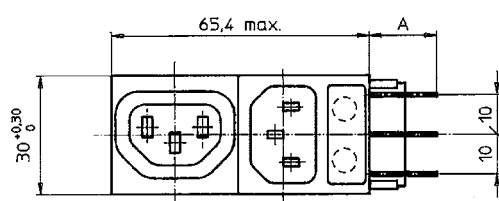
Dimensions



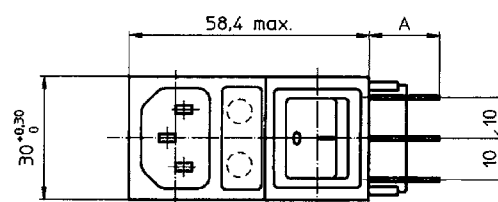
Variants 6421.005X.XX
Mounting hole: 53.6+0,2 x 27.6+0,2



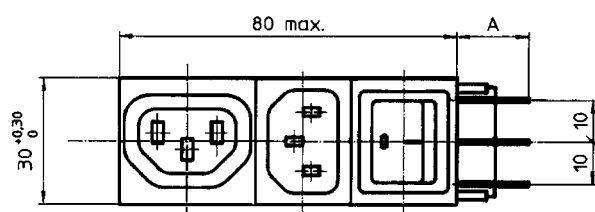
Variants 6422.005X.XX
Mounting hole: 46.7+0,2 x 27.6+0,2



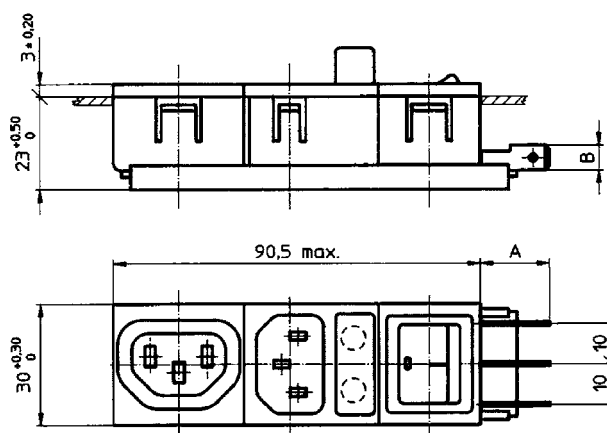
Variants 6423.0X5X.XX
Mounting hole: 65.5+0,2 x 27.6+0,2



Variants 6424.0X5X.XX
Mounting hole: 57+0,2 x 27.6+0,2



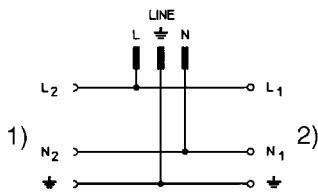
Variants 6431.005X.XX
Mounting hole: 80.1+0,2 x 27.6+0,2



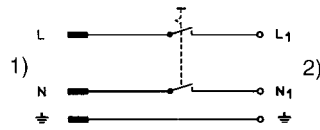
Variants 6432.0X5X.XX
Mounting hole: 90.6+0,2 x 27.6+0,2

Diagrams

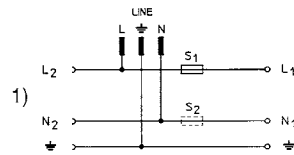
6421



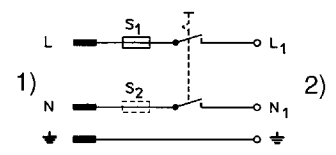
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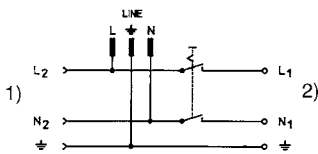
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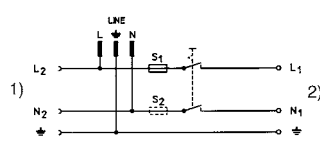
6424



6431

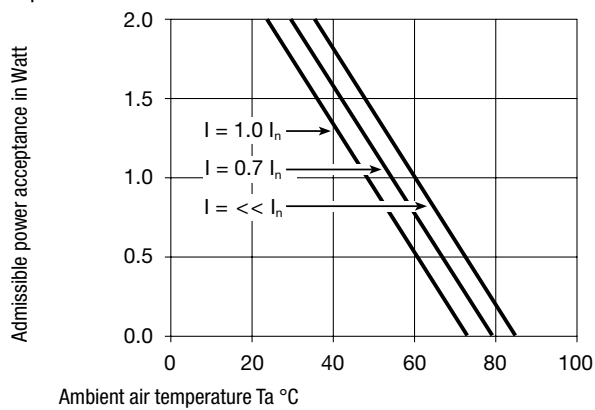


6432

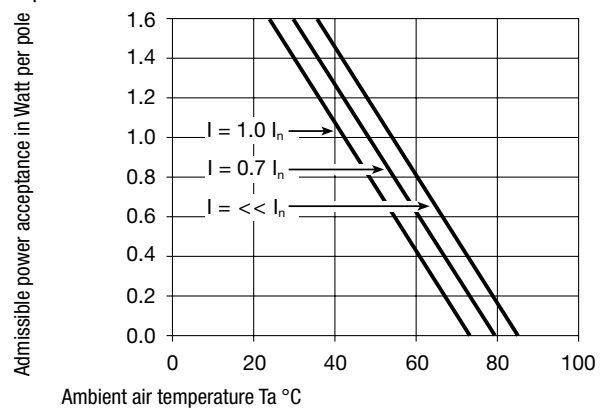


Derating Curves

1-pole



2-pole



Ordering instructions

64 XX.OX5X.XX

"Snap-in" panel thickness

- 10 = 1,0 mm
- 12 = 1,2 mm
- 15 = 1,5 mm
- 20 = 2,0 mm
- 25 = 2,5 mm
- 30 = 3,0 mm

Connection

- 51 = solder terminals 3,5 x 0,8 mm
- 53 = quick connect terminals 6,3 x 0,8 mm

Fuseholder 5 x 20 mm

- 00 = without fuseholder
- 01 = 1-pole
- 02 = 2-pole

Module combination

- 21 = Appliance inlet, outlet
- 22 = Appliance inlet, switch
- 23 = Appliance inlet, fuseholder, outlet
- 24 = Appliance inlet, fuseholder, switch
- 31 = Appliance inlet, outlet, switch
- 32 = Appliance inlet, fuseholder, outlet, switch

Base model

Packaging unit 10 Pcs

Accessories

Description



Cord retaining kits
Cord retaining strain relief

Mating Inlets/Plugs

Category / Description

Interconnection Cord Overview complete



Interconnection Cord with IEC Plug E, Angled	0607
Interconnection Cord with IEC Plug E, Angled	0608
Interconnection Cord with IEC Plug E, Straight	0609
Interconnection Cord with IEC Plug G, Angled	607B
Interconnection Cord with IEC Plug G, Angled	608B

Interconnection Cord further types to Felcom 64

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Plug Overview complete



IEC Plug E, Cord Connector (Rewireable), Straight, max. cable Diameter 8.5 mm	4732
IEC Plug E, Cord Connector (Rewireable), Angled, max. Cable Diameter 8.5 mm	4733
IEC Plug E, Cord Connector (Rewireable), Straight, max. Cable Diameter 10 mm	4735
IEC Plug E, Cord Connector (Rewireable), Angled, max. Cable Diameter 10 mm	4736
IEC Plug E, Cord Connector (Rewireable), Straight	9009

Plug further types to Felcom 64

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Mating Outlets/Connectors



Appliance Outlet Overview complete

IEC Appliance Outlet F, Screw-on Mounting, Front Side, Solder Terminal	4787
IEC Appliance Outlet F, Snap-in Mounting, Front Side, Solder or Quick-connect Terminal	4788
IEC Appliance Outlet F or H, Screw-on Mounting, Front Side, Solder, PCB or Quick-connect Terminal	5091
IEC Appliance Outlet F or H, Screw-on Mounting, Front Side, Solder or Quick-connect Terminal	5092

[Appliance Outlet further types to Felcom 64](#)



Connector Overview complete

IEC Connector C15, Rewireable, Straight	0101
IEC Connector C15A, Rewireable, Straight	0102
IEC Connector C15A, Rewireable, Straight	0102-G
IEC Connector C15A, Rewireable, Angled	0112
IEC Connector C13, Rewireable, Angled	4012

[Connector further types to Felcom 64](#)

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Power Cord Overview complete

Power Cord with IEC Connector C13, Angled	0311
Power Cord with IEC Connector C13, Angled	3011
Power Cord with IEC Connector C13, Angled	3012
Power Cord with IEC Connector C13, Angled	3013
Power Cord with IEC Connector C13	3020

[Power Cord further types to Felcom 64](#)

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Power Supply or Interconnection Cord Overview complete

Diverse Power Supply and Interconnection Cords 10 A	Cord Sets 10 A
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[Power Supply or Interconnection Cord further types to Felcom 64](#)

Mouser Electronics

Authorized Distributor

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Schurter:

[6432.0253.15](#) [6421.0051.10](#) [6421.0051.20](#) [6421.0053.12](#) [6421.0053.20](#) [6421.0053.25](#) [6422.0051.15](#)
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