

IEC Appliance Inlet C14, Screw-on Mounting, Front or Rear Side, Solder or Quick-connect Terminal



6100-3 with sealing kit IP54 to appliance (without locking brackets)



IEC connector C14
 Screw-on mounting
 Solder/quick connect terminals
 6100-3



6100-3 with sealing kit IP54 (including locking brackets)



See below:

[Approvals and Compliances](#)

Description

- Panel mount :
 Screw-on mounting front / rear-side
- Appliance Inlet , Pin temperature 70 °C , Protection class I
- Variants with factory mounted inlet gasket and sealing kit for IP54 into the equipment and the pluggable power supply
- Solder / Quick Connect

Unique Selling Proposition

- Variants made from plant-based plastics with 2.75 kg CO2 reduction per packaging unit
- The plant-based plastics meet the increased glow wire test requirements according to IEC 60695-2-12 and -13
- For use in unattended household appliances according to IEC 60335-1

Technical Data

| | |
|-----------------------------------|---|
| Ratings IEC | 10A / 250VAC; 50Hz |
| Ratings UL/CSA | 15A / 250VAC; 60Hz |
| Dielectric Strength | > 2 kVAC between L-N > 2 kVAC between L/N-PE (1 min/50Hz) |
| Allowable Operation Temperature | -25 °C to 70 °C |
| IP-Protection | front side IP40 / IP54 with sealing kit acc. to IEC 60529 |
| Protection against electric shock | Suitable for appliances with protection class I acc. to IEC 61140 |
| Terminal | Solder / Quick Connect |
| Panel Thickness S | Screw: max 8 mm, max 3 mm with sealing kit Mounting screw torque max 0.5Nm |
| Material: Housing | Thermoplastic, black, UL 94V-0 |

Other versions on request

- Types for rivet mounting available upon request

References

Alternative: protection class II version [6102-3](#); [6102-3](#)
 Alternative: version with line filter [5110](#); [5120](#)

Weblinks

[pdf data sheet](#), [html datasheet](#), [General Product Information](#), [Approvals](#), [Distributor-Stock-Check](#), [Accessories](#), [Detailed request for product](#)

| | |
|-------------------------|---|
| Appliance inlet/-outlet | C14 acc. to IEC 60320-1, UL 60320-1, CSA C22.2 no. 60320-1 (for cold conditions) pin-temperature 70 °C, 10A, Protection Class I |
|-------------------------|---|

Approvals and Compliances

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

SCHURTER products are designed for use in industrial environments. They have approvals from independent testing bodies according to national and international standards. Products with specific characteristics and requirements such as required in the automotive sector according to IATF 16949, medical technology according to ISO 13485 or in the aerospace industry can be offered exclusively with customer-specific, individual agreements by SCHURTER.

Approvals

The approval mark is used by the testing authorities to certify compliance with the safety requirements placed on electronic products.

Approval Reference Type: 6100

| Approval Logo | Certificates | Certification Body | Description |
|--|---------------|--------------------|--|
|  | VDE Approvals | VDE | Certificate Number: 40015595 |
|  | UL Approvals | UL | UR File Number: E96454 |
|  | CCC Approvals | CCC | CCC Certificate Number: 2020180204014680 |

Product standards

Product standards that are referenced

| Organization | Design | Standard | Description |
|--|-----------------------|-----------------------|---|
|  | Designed according to | IEC 60320-1 | Appliance couplers for household and similar general purposes |
|  | Designed according to | UL 60320-1 | Standard for Attachment Plugs and Receptacles |
|  | Designed according to | CSA C22.2 no. 60320-1 | General Use Receptacles, Attachment Plugs, and Similar Wiring Devices |

Application standards

Application standards where the product can be used

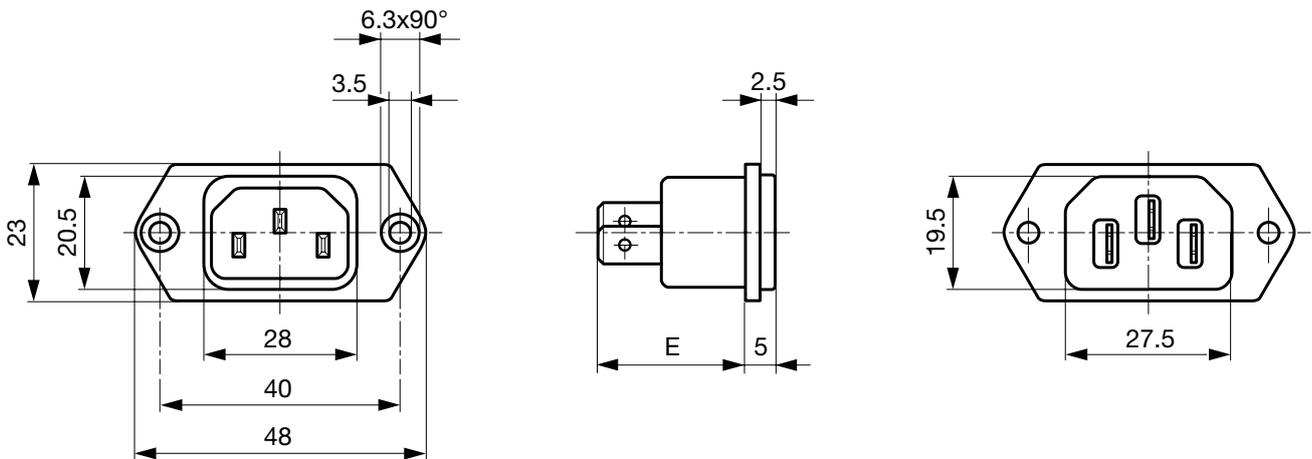
| Organization | Design | Standard | Description |
|---|--------------------------------|----------------|--|
|  | Suitable for applications acc. | IEC/UL 62368-1 | Audio/video, information and communication technology equipment - Part 1: Safety requirements |
|  | Suitable for applications acc. | IEC 60335-1 | Safety of electrical appliances for household and similar purposes. Meets the requirements for appliances in unattended use. This includes the enhanced requirements of glow wire tests acc. to IEC 60695-2-11 or -12 & -13. |

Compliances

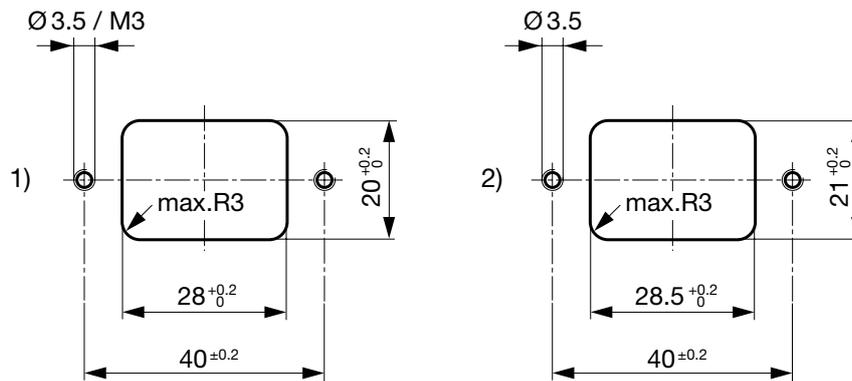
The product complies with following Guide Lines

| Identification | Details | Initiator | Description |
|--|--------------------------------|-------------|--|
|  | CE declaration of conformity | SCHURTER AG | The CE marking declares that the product complies with the applicable requirements laid down in the harmonisation of Community legislation on its affixing in accordance with EU Regulation 765/2008. |
|  | UKCA declaration of conformity | SCHURTER AG | The UKCA marking declares that the product complies with the applicable requirements laid down in the British Amendment of Regulation (EC) 765/2008. |
|  | RoHS | SCHURTER AG | Directive RoHS 2011/65/EU, Amendment (EU) 2015/863 |
|  | China RoHS | SCHURTER AG | The law SJ / T 11363-2006 (China RoHS) has been in force since 1 March 2007. It is similar to the EU directive RoHS. |
|  | REACH | SCHURTER AG | On 1 June 2007, Regulation (EC) No 1907/2006 on the Registration, Evaluation, Authorization and Restriction of Chemicals 1 (abbreviated as "REACH") entered into force. |
|  | White Paper Glow wire test | SCHURTER AG | Meets the requirements of IEC 60335-1 for appliances in unattended use. This includes the enhanced requirements of glow wire tests acc. to IEC 60695-2-11 or -12 & -13. |
|  | Green Line | SCHURTER AG | Green Line products are aligned with the UN's Strategic Development Goals (SDGs). Components of the products are made of sustainable, environmentally friendly materials. These include, for example, bio-based plastics or lead-free metal alloys. Products in this line can also support the economical, intelligent use of resources. |

Dimensions [mm]



E: Solder terminals 20.5 mm
 E: Quick connect terminals 23.5 mm

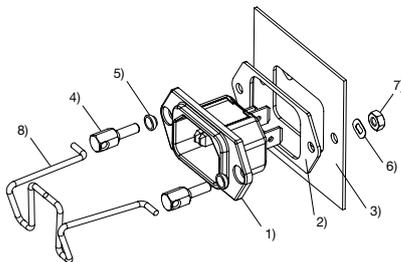


1) mounting from front-side
 2) mounting from rear-side

Assembly Instructions

6100-3 incl. sealing kit for IP54

Mating cordsets to sealing kit



Panel thickness max. 3 mm Tightening torque max. 0.1 Nm

- 1) Device plug 6100-3 with factory-fitted insertion seal
- 2) Flat gasket
- 3) Housing
- 4) Support bolt
- 5) Sealing ring
- 6) Spring washer
- 7) Nut
- 8) Locking bracket

| Part no | Country plug | Cable length | Cross section | Color |
|-----------|----------------|--------------|------------------------|-------|
| 6000.0214 | open end | 2.0 m | 3x1 mm ² | black |
| 6003.0215 | EURO plug | 2.5 m | 3x1 mm ² | black |
| 6004.0215 | EURO plug | 2.5 m | 3x1 mm ² | black |
| 6007.0212 | EURO plug | 1.0 m | 3x1 mm ² | black |
| 6007.0214 | IEC plug | 2.0 m | 3x1 mm ² | black |
| 6004.0114 | EURO plug | 2.0 m | 3x0.75 mm ² | black |
| 6026.0215 | Italy | 2.5 m | 3x1 mm ² | black |
| 6009.1315 | North America | 2.5 m | 3x18 AWG | black |
| 6047.6414 | Japan | 2.0 m | 3x0.75 mm ² | black |
| 6009.1214 | North America | 2.0 m | 3x18 AWG | black |
| 6011.0215 | Switzerland | 2.5 m | 3x1 mm ² | black |
| 6044.0215 | United Kingdom | 2.5 m | 3x1 mm ² | black |

All Variants

|  | Panel mounting | Sealing kit | Terminal | IP Protection Class Front Side | Protection Class | Order Number |
|---|----------------|-------------------------|--------------------------------------|--------------------------------|------------------|--------------|
| ● | Screw | - | Quick connect terminals 4.8 x 0.8 mm | IP40 | I | 3-144-634 |
| | Screw | - | Quick connect terminals 4.8 x 0.8 mm | IP40 | I | 6100.3200 |
| | Screw | with locking bracket | Quick connect terminals 4.8 x 0.8 mm | IP54 | I | 6100.3200.33 |
| | Screw | without locking bracket | Quick connect terminals 4.8 x 0.8 mm | IP54 | I | 6100.3200.32 |
| ● | Screw | - | Quick connect terminals 6.3 x 0.8 mm | IP40 | I | 3-144-632 |
| | Screw | - | Quick connect terminals 6.3 x 0.8 mm | IP40 | I | 6100.3300 |
| | Screw | with locking bracket | Quick connect terminals 6.3 x 0.8 mm | IP54 | I | 6100.3300.33 |
| | Screw | without locking bracket | Quick connect terminals 6.3 x 0.8 mm | IP54 | I | 6100.3300.32 |
| ● | Screw | - | Solder terminals 3.5 x 0.8 mm | IP40 | I | 3-144-633 |
| | Screw | - | Solder terminals 3.5 x 0.8 mm | IP40 | I | 6100.3100 |
| | Screw | with locking bracket | Solder terminals 3.5 x 0.8 mm | IP54 | I | 6100.3100.33 |
| | Screw | without locking bracket | Solder terminals 3.5 x 0.8 mm | IP54 | I | 6100.3100.32 |

 Most Popular.

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

The variants IP54 (6100.xxxx.33) include the inlet with factory mounted inlet gasket and the kit for IP protection to the equipment and for the power connector incl. a cord retaining for a specific cord connector. Samples can be ordered with suffix ".H" (e.g. 6100.3100.33.H).

Articles for enhanced glow wire test requirements acc. IEC 60695-2-12 and -13 can be ordered on request. They are suitable for the use in unattended household equipment acc. IEC 60335-1.

| | |
|-----------------------|--------|
| Packaging unit | 50 Pcs |
|-----------------------|--------|

Accessories

Description



Wire_Harness
Wire harness for SCHURTER products



Assorted_Covers
Rear Cover

| | |
|--|-----------|
| | 0859.0048 |
| | 4311.9401 |
| | 4311.9402 |



RC320
Rear Cover for Power Entry Module



Cord_retaining_kits
Cord retaining strain relief

| | |
|--------------|-----------|
| Flat head, A | 4700.0001 |
|--------------|-----------|

Mating Outlets/Connectors

Category / Description

[Appliance Outlet Overview complete](#)



| | |
|--|------|
| 4787, Mounting: Screw-on mounting, Appliance Outlet: IEC Solder terminals, 10 A, Suitable for appliances with protection class I | 4787 |
| 4788, Mounting: Snap-in version, Appliance Outlet: IEC Solder / Quick Connect, 10 A, Suitable for appliances with protection class I | 4788 |
| IEC Appliance Outlet F or H, Screw-on Mounting, Front Side, Solder, PCB or Quick-connect Terminal | 5091 |

[Connector Overview complete](#)



| | |
|---|---------|
| 4782 Mounting: Power Cord, 3 x 1 mm ² / 3 x 18 AWG, Cable, Connector: IEC C13 | 4782 |
| 4785 Mounting: Power Cord, 3 x 1 mm ² / 3 x 18 AWG, Cable, Connector: IEC C13 | 4785 |
| 4300-06 Mounting: Power Cord, 3 x 1 mm ² / 3 x 18 AWG, Cable, Connector: IEC C13 | 4300-06 |
| 4781 Mounting: Power Cord, Cable, Connector: IEC C15 | 4781 |
| 4784 Mounting: Power Cord, 3 x 1 mm ² / 3 x 18 AWG, Cable, Connector: IEC C15 | 4784 |

IEC Appliance Inlet C14, Snap-in Mounting, Front Side, Solder or Quick-connect Terminal



6100-4



See below:

Approvals and Compliances

Description

- Panel mount :
Snap-in version front side
- 1 Function :
- Appliance Inlet , Pin temperature 70 °C , Protection class I
- Variants with factory mounted inlet gasket and sealing kit for IP54 into the equipment and the pluggable power supply
- Solder / Quick Connect

Unique Selling Proposition

- Variants made from plant-based plastics with 2.4 kg CO2 reduction per packaging unit
- The plant-based plastics meet the increased glow wire test requirements according to IEC 60695-2-12 and -13
- For use in unattended household appliances according to IEC 60335-1

Other versions on request

- Other panel thickness

References

Alternative: protection class II version [6102-5](#); [6102-5](#)
 Alternative: version with line filter [5110](#); [5120](#)
 Last order date: 01.01.9999

Weblinks

[pdf data sheet](#), [html datasheet](#), [General Product Information](#), [Approvals](#), [Distributor-Stock-Check](#), [Accessories](#), [Detailed request for product](#)

Technical Data

| | |
|-----------------------------------|---|
| Ratings IEC | 10A / 250VAC; 50Hz |
| Ratings UL/CSA | 15A / 250VAC; 60Hz |
| Dielectric Strength | > 2kVAC between L-N > 2kVAC between L/N-PE (1 min/50Hz) |
| Allowable Operation Temperature | -25 °C to 70 °C |
| IP-Protection | front side IP30 acc. to IEC 60529 |
| Protection against electric shock | Suitable for appliances with protection class I acc. to IEC 61140 |
| Terminal | Solder / Quick Connect |
| Panel Thickness S | Snap-in: 1/1.2/1.5/2/2.5/3 mm |
| Material: Housing | Thermoplastic, black, UL 94V-0 |

| | |
|-------------------------|---|
| Appliance inlet/-outlet | C14 acc. to IEC 60320-1, UL 60320-1, CSA C22.2 no. 60320-1 (for cold conditions) pin-temperature 70 °C, 10A, Protection Class I |
|-------------------------|---|

Approvals and Compliances

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

SCHURTER products are designed for use in industrial environments. They have approvals from independent testing bodies according to national and international standards. Products with specific characteristics and requirements such as required in the automotive sector according to IATF 16949, medical technology according to ISO 13485 or in the aerospace industry can be offered exclusively with customer-specific, individual agreements by SCHURTER.

Approvals

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Approval Reference Type: 6100

| Approval Logo | Certificates | Certification Body | Description |
|---------------|-------------------------------|--------------------|--|
| | VDE Approvals | VDE | Certificate Number: 40015595 |
| | UL Approvals | UL | UR File Number: E96454 |
| | CCC Approvals | CCC | CCC Certificate Number: 2020180204014680 |

Product standards

Product standards that are referenced

| Organization | Design | Standard | Description |
|--|-----------------------|-----------------------|---|
|  | Designed according to | IEC 60320-1 | Appliance couplers for household and similar general purposes |
|  | Designed according to | UL 60320-1 | Standard for Attachment Plugs and Receptacles |
|  | Designed according to | CSA C22.2 no. 60320-1 | General Use Receptacles, Attachment Plugs, and Similar Wiring Devices |

Application standards

Application standards where the product can be used

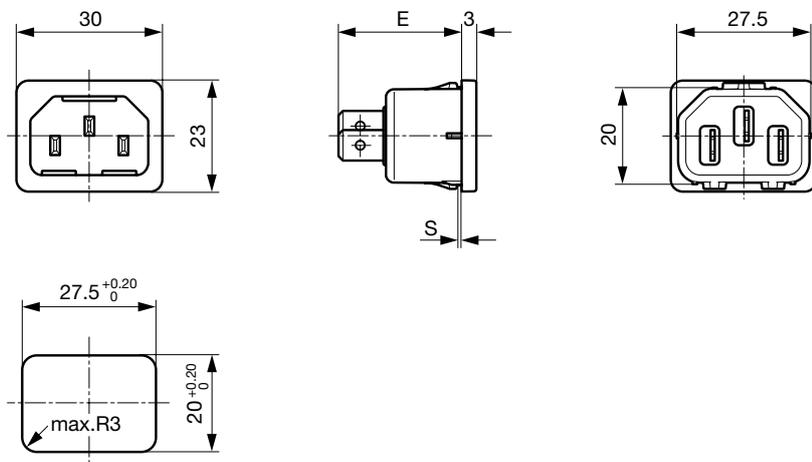
| Organization | Design | Standard | Description |
|--|--------------------------------|----------------|--|
|  | Suitable for applications acc. | IEC/UL 62368-1 | Audio/video, information and communication technology equipment - Part 1: Safety requirements |
|  | Suitable for applications acc. | IEC 60335-1 | Safety of electrical appliances for household and similar purposes. Meets the requirements for appliances in unattended use. This includes the enhanced requirements of glow wire tests acc. to IEC 60695-2-11 or -12 & -13. |

Compliances

The product complies with following Guide Lines

| Identification | Details | Initiator | Description |
|--|--|-------------|--|
|  | CE declaration of conformity | SCHURTER AG | The CE marking declares that the product complies with the applicable requirements laid down in the harmonisation of Community legislation on its affixing in accordance with EU Regulation 765/2008. |
|  | UKCA declaration of conformity | SCHURTER AG | The UKCA marking declares that the product complies with the applicable requirements laid down in the British Amendment of Regulation (EC) 765/2008. |
|  | RoHS | SCHURTER AG | Directive RoHS 2011/65/EU, Amendment (EU) 2015/863 |
|  | China RoHS | SCHURTER AG | The law SJ / T 11363-2006 (China RoHS) has been in force since 1 March 2007. It is similar to the EU directive RoHS. |
|  | REACH | SCHURTER AG | On 1 June 2007, Regulation (EC) No 1907/2006 on the Registration, Evaluation, Authorization and Restriction of Chemicals 1 (abbreviated as "REACH") entered into force. |
|  | White Paper Glow wire test | SCHURTER AG | Meets the requirements of IEC 60335-1 for appliances in unattended use. This includes the enhanced requirements of glow wire tests acc. to IEC 60695-2-11 or -12 & -13. |
|  | Green Line | SCHURTER AG | Green Line products are aligned with the UN's Strategic Development Goals (SDGs). Components of the products are made of sustainable, environmentally friendly materials. These include, for example, bio-based plastics or lead-free metal alloys. Products in this line can also support the economical, intelligent use of resources. |

Dimensions [mm]



E: Solder terminals 22.5 mm

E: Quick connect terminals 25.5 mm

S: 1.0, 1.2, 1.5, 2.0, 2.5, 3.0 mm

All Variants

|  | Panel mounting | Panel Thickness s [mm] | Terminal | IP Protection Class Front Side | Protection Class | Order Number | |
|---|----------------|------------------------|--------------------------------------|--------------------------------|------------------|--------------|---|
| | Snap-in | 1 | Quick connect terminals 4.8 x 0.8 mm | IP30 | I | 6100.4210 |  |
| | Snap-in | 1.2 | Quick connect terminals 4.8 x 0.8 mm | IP30 | I | 6100.4212 |  |
| ● | Snap-in | 1.5 | Quick connect terminals 4.8 x 0.8 mm | IP30 | I | 3-144-635 |  |
| | Snap-in | 1.5 | Quick connect terminals 4.8 x 0.8 mm | IP30 | I | 6100.4215 |  |
| | Snap-in | 1.6 | Quick connect terminals 4.8 x 0.8 mm | IP30 | I | 6100.4216 | |
| | Snap-in | 2 | Quick connect terminals 4.8 x 0.8 mm | IP30 | I | 6100.4220 |  |
| | Snap-in | 2.5 | Quick connect terminals 4.8 x 0.8 mm | IP30 | I | 6100.4225 |  |
| | Snap-in | 3 | Quick connect terminals 4.8 x 0.8 mm | IP30 | I | 6100.4230 |  |
| ● | Snap-in | 1 | Quick connect terminals 6.3 x 0.8 mm | IP30 | I | 3-144-636 |  |
| | Snap-in | 1 | Quick connect terminals 6.3 x 0.8 mm | IP30 | I | 6100.4310 |  |
| | Snap-in | 1.2 | Quick connect terminals 6.3 x 0.8 mm | IP30 | I | 6100.4312 |  |
| ● | Snap-in | 1.5 | Quick connect terminals 6.3 x 0.8 mm | IP30 | I | 3-144-637 |  |
| | Snap-in | 1.5 | Quick connect terminals 6.3 x 0.8 mm | IP30 | I | 6100.4315 |  |
| | Snap-in | 2 | Quick connect terminals 6.3 x 0.8 mm | IP30 | I | 6100.4320 |  |
| ● | Snap-in | 2.5 | Quick connect terminals 6.3 x 0.8 mm | IP30 | I | 3-144-638 |  |
| | Snap-in | 2.5 | Quick connect terminals 6.3 x 0.8 mm | IP30 | I | 6100.4325 |  |
| | Snap-in | 3 | Quick connect terminals 6.3 x 0.8 mm | IP30 | I | 6100.4330 |  |
| ● | Snap-in | 1 | Solder terminals 3.8 x 0.8 mm | IP30 | I | 3-144-639 |  |
| | Snap-in | 1 | Solder terminals 3.8 x 0.8 mm | IP30 | I | 6100.4110 |  |
| | Snap-in | 1.2 | Solder terminals 3.8 x 0.8 mm | IP30 | I | 6100.4112 |  |
| | Snap-in | 1.5 | Solder terminals 3.8 x 0.8 mm | IP30 | I | 6100.4115 |  |
| | Snap-in | 2 | Solder terminals 3.8 x 0.8 mm | IP30 | I | 6100.4120 |  |
| | Snap-in | 2.5 | Solder terminals 3.8 x 0.8 mm | IP30 | I | 6100.4125 |  |
| | Snap-in | 3 | Solder terminals 3.8 x 0.8 mm | IP30 | I | 6100.4130 |  |

 Most Popular.

Availability for all products can be searched real-time: <https://www.schurter.com/en/info-center/support-tools/stock-check-distributors>

Articles for enhanced glow wire test requirements acc. IEC 60695-2-12 and -13 can be ordered with ending ".15" (xxxx.xxxx.15). They are suitable for the use in unattended household equipment acc. IEC 60335-1.

Packaging unit

50 Pcs

Accessories

Description



Wire_Harness
 Wire harness for SCHURTER products



Assorted_Covers
 Rear Cover



RC320
 Rear Cover for Power Entry Module



Cord_retaining_kits
 Cord retaining strain relief

Mating Outlets/Connectors

Category / Description

[Appliance Outlet Overview complete](#)



| | |
|--|------|
| 4787, Mounting: Screw-on mounting, Appliance Outlet: IEC Solder terminals, 10 A, Suitable for appliances with protection class I | 4787 |
| 4788, Mounting: Snap-in version, Appliance Outlet: IEC Solder / Quick Connect, 10 A, Suitable for appliances with protection class I | 4788 |
| IEC Appliance Outlet F or H, Screw-on Mounting, Front Side, Solder, PCB or Quick-connect Terminal | 5091 |

[Connector Overview complete](#)



| | |
|---|---------|
| 4782 Mounting: Power Cord, 3 x 1 mm ² / 3 x 18 AWG, Cable, Connector: IEC C13 | 4782 |
| 4785 Mounting: Power Cord, 3 x 1 mm ² / 3 x 18 AWG, Cable, Connector: IEC C13 | 4785 |
| 4300-06 Mounting: Power Cord, 3 x 1 mm ² / 3 x 18 AWG, Cable, Connector: IEC C13 | 4300-06 |
| 4781 Mounting: Power Cord, Cable, Connector: IEC C15 | 4781 |
| 4784 Mounting: Power Cord, 3 x 1 mm ² / 3 x 18 AWG, Cable, Connector: IEC C15 | 4784 |

IEC Appliance Inlet C18, Screw-on Mounting, Front or Rear Side, Solder or Quick-connect Terminal



6102-3



See below:

Approvals and Compliances

Description

- Panel mount :
Screw-on mounting front / rear-side
- 1 Function :
- Appliance Inlet , Pin temperature 70 °C , Protection class II
- Variants with factory mounted inlet gasket and sealing kit for IP54 into the equipment and the pluggable power supply
- Solder / Quick Connect

Unique Selling Proposition

- Variants made from plant-based plastics with 2.75 kg CO2 reduction per packaging unit
- The plant-based plastics meet the increased glow wire test requirements according to IEC 60695-2-12 and -13
- For use in unattended household appliances according to IEC 60335-1

Other versions on request

- Types for rivet mounting available upon request

References

Alternative: Version in protection class I [6100-3](#)
 Alternative: version with line filter [5120](#)
 Last order date: 01.01.9999

Weblinks

[pdf data sheet](#), [html datasheet](#), [General Product Information](#), [Approvals](#), [Distributor-Stock-Check](#), [Accessories](#), [Detailed request for product](#)

Technical Data

| | |
|-----------------------------------|--|
| Ratings IEC | 10A / 250VAC; 50Hz |
| Ratings UL/CSA | 15A / 250VAC; 60Hz |
| Dielectric Strength | > 2kVAC between L-N (1 min/50Hz) |
| Allowable Operation Temperature | -25 °C to 70 °C |
| IP-Protection | front side IP40 acc. to IEC 60529 |
| Protection against electric shock | Suitable for appliances with protection class II acc. to IEC 61140 |
| Terminal | Solder / Quick Connect |
| Panel Thickness S | Screw: max 8 mm Mounting screw torque max 0.5 Nm |
| Material: Housing | Thermoplastic, black, UL 94V-0 |

| | |
|-------------------------|--|
| Appliance inlet/-outlet | C18 acc. to IEC 60320-1, UL 60320-1, CSA C22.2 no. 60320-1 (for cold conditions) pin-temperature 70 °C, 10A, Protection Class II |
|-------------------------|--|

Approvals and Compliances

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

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Approvals

The approval mark is used by the testing authorities to certify compliance with the safety requirements placed on electronic products.

Approval Reference Type: 6102

| Approval Logo | Certificates | Certification Body | Description |
|---------------|-------------------------------|--------------------|------------------------------|
| | VDE Approvals | VDE | Certificate Number: 40015595 |
| | UL Approvals | UL | UR File Number: E96454 |
| | CCC Approvals | CCC | CCC Certificate Number: |

Product standards

Product standards that are referenced

| Organization | Design | Standard | Description |
|--|-----------------------|-----------------------|---|
|  | Designed according to | IEC 60320-1 | Appliance couplers for household and similar general purposes |
|  | Designed according to | UL 60320-1 | Standard for Attachment Plugs and Receptacles |
|  | Designed according to | CSA C22.2 no. 60320-1 | General Use Receptacles, Attachment Plugs, and Similar Wiring Devices |

Application standards

Application standards where the product can be used

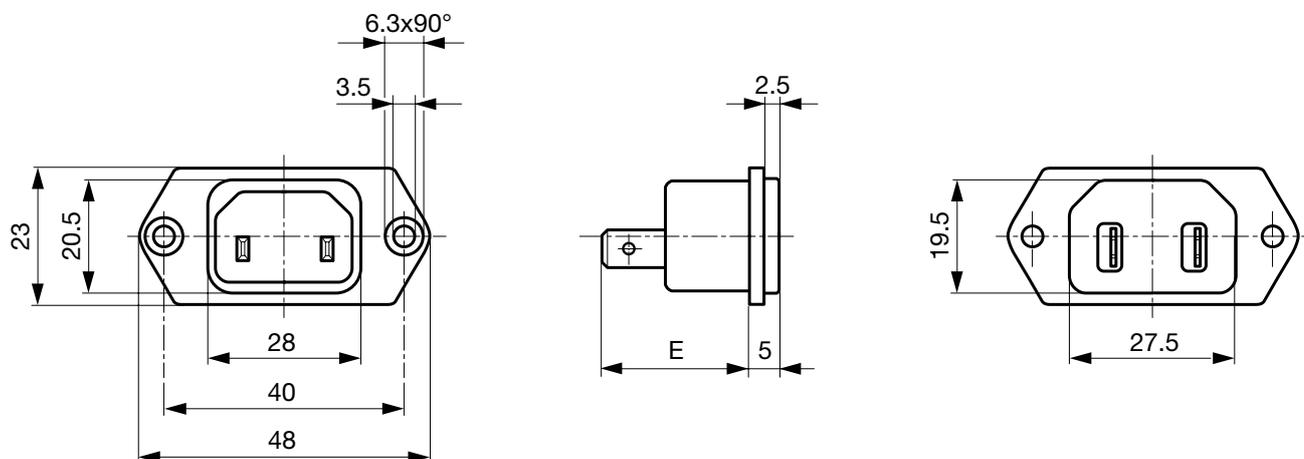
| Organization | Design | Standard | Description |
|--|--------------------------------|----------------|--|
|  | Suitable for applications acc. | IEC/UL 62368-1 | Audio/video, information and communication technology equipment - Part 1: Safety requirements |
|  | Suitable for applications acc. | IEC 60335-1 | Safety of electrical appliances for household and similar purposes. Meets the requirements for appliances in unattended use. This includes the enhanced requirements of glow wire tests acc. to IEC 60695-2-11 or -12 & -13. |

Compliances

The product complies with following Guide Lines

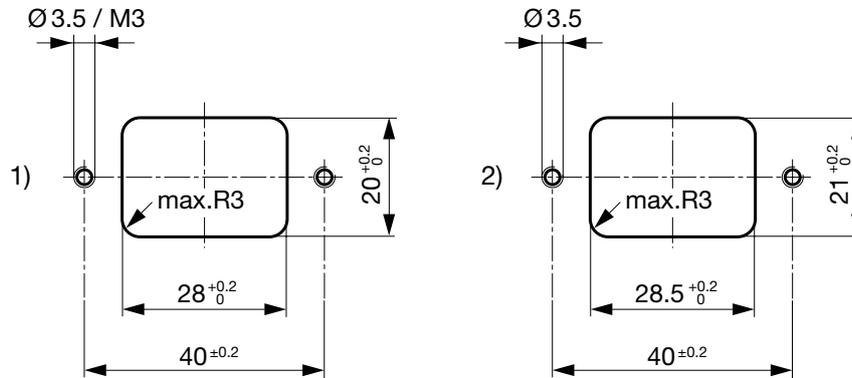
| Identification | Details | Initiator | Description |
|--|--|-------------|--|
|  | CE declaration of conformity | SCHURTER AG | The CE marking declares that the product complies with the applicable requirements laid down in the harmonisation of Community legislation on its affixing in accordance with EU Regulation 765/2008. |
|  | UKCA declaration of conformity | SCHURTER AG | The UKCA marking declares that the product complies with the applicable requirements laid down in the British Amendment of Regulation (EC) 765/2008. |
|  | RoHS | SCHURTER AG | Directive RoHS 2011/65/EU, Amendment (EU) 2015/863 |
|  | China RoHS | SCHURTER AG | The law SJ / T 11363-2006 (China RoHS) has been in force since 1 March 2007. It is similar to the EU directive RoHS. |
|  | REACH | SCHURTER AG | On 1 June 2007, Regulation (EC) No 1907/2006 on the Registration, Evaluation, Authorization and Restriction of Chemicals 1 (abbreviated as "REACH") entered into force. |
|  | White Paper Glow wire test | SCHURTER AG | Meets the requirements of IEC 60335-1 for appliances in unattended use. This includes the enhanced requirements of glow wire tests acc. to IEC 60695-2-11 or -12 & -13. |
|  | Green Line | SCHURTER AG | Green Line products are aligned with the UN's Strategic Development Goals (SDGs). Components of the products are made of sustainable, environmentally friendly materials. These include, for example, bio-based plastics or lead-free metal alloys. Products in this line can also support the economical, intelligent use of resources. |

Dimensions [mm]



E: Solder terminals 20.5 mm

E: Quick connect terminals 23.5 mm



1) mounting from front-side
 2) mounting from rear-side

All Variants

|  | Panel mounting | Panel Thickness s [mm] | Terminal | IP Protection Class Front Side | Protection Class | Order Number |
|---|----------------|------------------------|--------------------------------------|--------------------------------|------------------|--------------|
| ● | Screw | - | Quick connect terminals 4.8 x 0.8 mm | IP40 | II | 3-145-164 |
| | Screw | - | Quick connect terminals 4.8 x 0.8 mm | IP40 | II | 6102.3200 |
| ● | Screw | - | Quick connect terminals 6.3 x 0.8 mm | IP40 | II | 3-145-174 |
| | Screw | - | Quick connect terminals 6.3 x 0.8 mm | IP40 | II | 6102.3300 |
| ● | Screw | - | Solder terminals 3.8 x 0.8 mm | IP40 | II | 3-145-163 |
| | Screw | - | Solder terminals 3.8 x 0.8 mm | IP40 | II | 6102.3100 |

 Most Popular.

Availability for all products can be searched real-time: <https://www.schurter.com/en/info-center/support-tools/stock-check-distributors>

Articles for enhanced glow wire test requirements acc. IEC 60695-2-12 and -13 can be ordered with ending ".15" (xxxx.xxxx.15). They are suitable for the use in unattended household equipment acc. IEC 60335-1.

Packaging unit 50 Pcs

Accessories

Description



Assorted_Covers
 Rear Cover

0859.0048

4311.9401

4311.9402



RC320
 Rear Cover for Power Entry Module



[Cord_retaining_kits](#)
 Cord retaining strain relief

| | |
|--------------|-----------|
| Flat head, A | 4700.0001 |
|--------------|-----------|

Mating Outlets/Connectors

Category / Description

[Connector Overview complete](#)



| | |
|---|---------|
| 4782 Mounting: Power Cord, 3 x 1 mm ² / 3 x 18 AWG, Cable, Connector: IEC C13 | 4782 |
| 4785 Mounting: Power Cord, 3 x 1 mm ² / 3 x 18 AWG, Cable, Connector: IEC C13 | 4785 |
| 4300-06 Mounting: Power Cord, 3 x 1 mm ² / 3 x 18 AWG, Cable, Connector: IEC C13 | 4300-06 |
| 4781 Mounting: Power Cord, Cable, Connector: IEC C15 | 4781 |
| 4784 Mounting: Power Cord, 3 x 1 mm ² / 3 x 18 AWG, Cable, Connector: IEC C15 | 4784 |

Mating Outlets/Connectors shuttered



[Power Cord Overview complete](#)

| | |
|---|---------|
| VAC17KS, V-Lock cord retaining, diverse m, Connector IEC C17, diverse, black / grey / white | VAC17KS |
|---|---------|

IEC Appliance Inlet C18, Snap-in Mounting, Front Side, Solder or Quick-connect Terminal



See below:

[Approvals and Compliances](#)

Description

- Panel mount :
Snap-in version front side
- 1 Function :
- Appliance Inlet , Pin temperature 70 °C , Protection class II
- Variants with factory mounted inlet gasket and sealing kit for IP54 into the equipment and the pluggable power supply
- Solder / Quick Connect

Unique Selling Proposition

- Variants made from plant-based plastics with 2.75 kg CO2 reduction per packaging unit
- The plant-based plastics meet the increased glow wire test requirements according to IEC 60695-2-12 and -13
- For use in unattended household appliances according to IEC 60335-1

Other versions on request

- Other panel thickness

References

Alternative: Version in protection class I [6100-4](#); [6100-4](#)
 Alternative: version with line filter [5120](#)
 Last order date: 01.01.9999

Weblinks

[pdf data sheet](#), [html datasheet](#), [General Product Information](#), [Approvals](#), [Distributor-Stock-Check](#), [Accessories](#), [Detailed request for product](#)

Technical Data

| | |
|-----------------------------------|--|
| Ratings IEC | 10A / 250VAC; 50Hz |
| Ratings UL/CSA | 15A / 250VAC; 60Hz |
| Dielectric Strength | > 2kVAC between L-N (1 min/50Hz) |
| Allowable Operation Temperature | -25 °C to 70 °C |
| IP-Protection | front side IP30 acc. to IEC 60529 |
| Protection against electric shock | Suitable for appliances with protection class II acc. to IEC 61140 |
| Terminal | Solder / Quick Connect |
| Panel Thickness S | Snap-in: 1/1.2/1.5/2/2.5/3 mm |
| Material: Housing | Thermoplastic, black, UL 94V-0 |

| | |
|-------------------------|--|
| Appliance inlet/-outlet | C18 acc. to IEC 60320-1, UL 60320-1, CSA C22.2 no. 60320-1 (for cold conditions) pin-temperature 70 °C, 10A, Protection Class II |
|-------------------------|--|

Approvals and Compliances

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

SCHURTER products are designed for use in industrial environments. They have approvals from independent testing bodies according to national and international standards. Products with specific characteristics and requirements such as required in the automotive sector according to IATF 16949, medical technology according to ISO 13485 or in the aerospace industry can be offered exclusively with customer-specific, individual agreements by SCHURTER.

Approvals

The approval mark is used by the testing authorities to certify compliance with the safety requirements placed on electronic products.

Approval Reference Type: 6102

| Approval Logo | Certificates | Certification Body | Description |
|---------------|-------------------------------|--------------------|------------------------------|
| | VDE Approvals | VDE | Certificate Number: 40015595 |
| | UL Approvals | UL | UR File Number: E96454 |
| | CCC Approvals | CCC | CCC Certificate Number: |

Product standards

Product standards that are referenced

| Organization | Design | Standard | Description |
|--|-----------------------|-----------------------|---|
|  | Designed according to | IEC 60320-1 | Appliance couplers for household and similar general purposes |
|  | Designed according to | UL 60320-1 | Standard for Attachment Plugs and Receptacles |
|  | Designed according to | CSA C22.2 no. 60320-1 | General Use Receptacles, Attachment Plugs, and Similar Wiring Devices |

Application standards

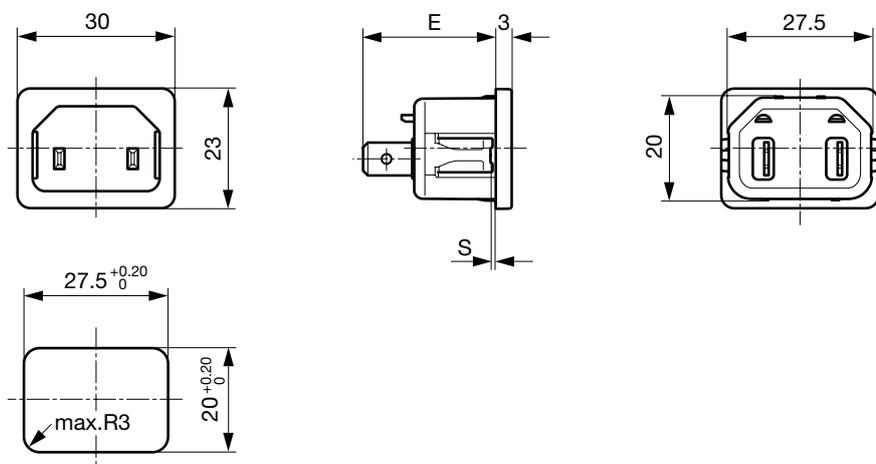
Application standards where the product can be used

| Organization | Design | Standard | Description |
|--|--------------------------------|----------------|--|
|  | Suitable for applications acc. | IEC/UL 62368-1 | Audio/video, information and communication technology equipment - Part 1: Safety requirements |
|  | Suitable for applications acc. | IEC 60335-1 | Safety of electrical appliances for household and similar purposes. Meets the requirements for appliances in unattended use. This includes the enhanced requirements of glow wire tests acc. to IEC 60695-2-11 or -12 & -13. |

Compliances

The product complies with following Guide Lines

| Identification | Details | Initiator | Description |
|--|--|-------------|--|
|  | CE declaration of conformity | SCHURTER AG | The CE marking declares that the product complies with the applicable requirements laid down in the harmonisation of Community legislation on its affixing in accordance with EU Regulation 765/2008. |
|  | UKCA declaration of conformity | SCHURTER AG | The UKCA marking declares that the product complies with the applicable requirements laid down in the British Amendment of Regulation (EC) 765/2008. |
|  | RoHS | SCHURTER AG | Directive RoHS 2011/65/EU, Amendment (EU) 2015/863 |
|  | China RoHS | SCHURTER AG | The law SJ / T 11363-2006 (China RoHS) has been in force since 1 March 2007. It is similar to the EU directive RoHS. |
|  | REACH | SCHURTER AG | On 1 June 2007, Regulation (EC) No 1907/2006 on the Registration, Evaluation, Authorization and Restriction of Chemicals 1 (abbreviated as "REACH") entered into force. |
|  | White Paper Glow wire test | SCHURTER AG | Meets the requirements of IEC 60335-1 for appliances in unattended use. This includes the enhanced requirements of glow wire tests acc. to IEC 60695-2-11 or -12 & -13. |
|  | Green Line | SCHURTER AG | Green Line products are aligned with the UN's Strategic Development Goals (SDGs). Components of the products are made of sustainable, environmentally friendly materials. These include, for example, bio-based plastics or lead-free metal alloys. Products in this line can also support the economical, intelligent use of resources. |

Dimensions [mm]

E: Solder terminals 22.5 mm

E: Quick connect terminals 25.5 mm

S: 1.0, 1.2, 1.5, 2.0, 2.5, 3.0 mm

All Variants

|  | Panel mounting | Panel Thickness s [mm] | Terminal | IP Protection Class Front Side | Protection Class | Order Number |
|---|----------------|------------------------|--------------------------------------|--------------------------------|------------------|---------------|
| | Snap-in | 1.5 | Quick connect terminals 4.8 x 0.8 mm | IP30 | II | 6102.5215 |
| | Snap-in | 2 | Quick connect terminals 4.8 x 0.8 mm | IP30 | II | 6102.5220 |
| | Snap-in | 2.5 | Quick connect terminals 4.8 x 0.8 mm | IP30 | II | 6102.5225 |
| ● | Snap-in | 3 | Quick connect terminals 4.8 x 0.8 mm | IP30 | II | 3-145-176 |
| | Snap-in | 3 | Quick connect terminals 4.8 x 0.8 mm | IP30 | II | 6102.5230 |
| | Snap-in | 1 | Quick connect terminals 6.3 x 0.8 mm | IP30 | II | 6102.5310 |
| | Snap-in | 1.2 | Quick connect terminals 6.3 x 0.8 mm | IP30 | II | 6102.5312 |
| | Snap-in | 1.5 | Quick connect terminals 6.3 x 0.8 mm | IP30 | II | 6102.5315 |
| | Snap-in | 2 | Quick connect terminals 6.3 x 0.8 mm | IP30 | II | 6102.5320 |
| | Snap-in | 2.5 | Quick connect terminals 6.3 x 0.8 mm | IP30 | II | 6102.5325 |
| | Snap-in | 3 | Quick connect terminals 6.3 x 0.8 mm | IP30 | II | 6102.5330 |
| | Snap-in | 1 | Solder terminals 3.8 x 0.8 mm | IP30 | II | 6102.5110 |
| | Snap-in | 1.2 | Solder terminals 3.8 x 0.8 mm | IP30 | II | 6102.5112 |
| | Snap-in | 1.5 | Solder terminals 3.8 x 0.8 mm | IP30 | II | 6102.5115 |
| | Snap-in | 2 | Solder terminals 3.8 x 0.8 mm | IP30 | II | 6102.5120.051 |
| | Snap-in | 2.5 | Solder terminals 3.8 x 0.8 mm | IP30 | II | 6102.5125 |
| | Snap-in | 3 | Solder terminals 3.8 x 0.8 mm | IP30 | II | 6102.5130 |

Availability for all products can be searched real-time: <https://www.schurter.com/en/info-center/support-tools/stock-check-distributors>

Articles for enhanced glow wire test requirements acc. IEC 60695-2-12 and -13 can be ordered with ending ".15" (xxxx.xxxx.15). They are suitable for the use in unattended household equipment acc. IEC 60335-1.

Packaging unit

50 Pcs

Accessories

Description



Assorted_Covers
Rear Cover

0859.0048

4311.9401

4311.9402



RC320
Rear Cover for Power Entry Module



Cord_retaining_kits
Cord retaining strain relief

Countersunk, C

4700.0003

Mating Outlets/Connectors

Category / Description

[Connector Overview complete](#)



| | |
|---|---------|
| 4782 Mounting: Power Cord, 3 x 1 mm ² / 3 x 18 AWG, Cable, Connector: IEC C13 | 4782 |
| 4785 Mounting: Power Cord, 3 x 1 mm ² / 3 x 18 AWG, Cable, Connector: IEC C13 | 4785 |
| 4300-06 Mounting: Power Cord, 3 x 1 mm ² / 3 x 18 AWG, Cable, Connector: IEC C13 | 4300-06 |
| 4781 Mounting: Power Cord, Cable, Connector: IEC C15 | 4781 |
| 4784 Mounting: Power Cord, 3 x 1 mm ² / 3 x 18 AWG, Cable, Connector: IEC C15 | 4784 |

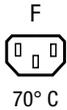
Mating Outlets/Connectors shuttered

[Power Cord Overview complete](#)



| | |
|---|---------|
| VAC17KS, V-Lock cord retaining, diverse m, Connector IEC C17, diverse, black / grey / white | VAC17KS |
|---|---------|

IEC Appliance Outlet F, Screw-on Mounting, Front Side, Solder or Quick-connect Terminal



See below:

[Approvals and Compliances](#)

Description

- Panel mount :
Screw-on mounting front side
- 1 Function
- Connector , Pin temperature 70 °C , Protection class I
- Solder / Quick Connect

Unique Selling Proposition

- Variants made from plant-based plastics with 2.75 kg CO2 reduction per packaging unit
- The plant-based plastics meet the increased glow wire test requirements according to IEC 60695-2-12 and -13
- For use in unattended household appliances according to IEC 60335-1

Newly available variants corresponding to V-Lock mating cordset. The connector is equipped with a notch intended for use with the latching cordset. The cord latching system prevents against accidental removal of the cordset.

References

Weblinks

[pdf data sheet](#), [html datasheet](#), [General Product Information](#), [Approvals](#), [Distributor-Stock-Check](#), [Accessories](#), [Detailed request for product](#)

Technical Data

| | | | |
|-----------------------------------|---|-------------------------|--|
| Ratings IEC | 10A / 250VAC; 50Hz | Appliance inlet/-outlet | F acc. to IEC 60320-3 |
| Ratings UL/CSA | 15A / 250VAC; 60Hz | | UL 60320-1, CSA C22.2 no. 60320-1 |
| Dielectric Strength | > 2 kVAC between L-N > 2 kVAC between L/N-PE (1 min/50Hz) | | (for cold conditions) pin-temperature 70 °C, 10A, Protection Class I |
| Allowable Operation Temperature | -25 °C to 70 °C | | |
| IP-Protection | front side IP30 acc. to IEC 60529 | | |
| Protection against electric shock | Suitable for appliances with protection class I acc. to IEC 61140 | | |
| Terminal | Solder / Quick Connect | | |
| Panel Thickness S | Screw: max 8 mm Mounting screw torque max 0.5Nm | | |
| Material: Housing | Thermoplastic, black, UL 94V-0 | | |

Approvals and Compliances

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

SCHURTER products are designed for use in industrial environments. They have approvals from independent testing bodies according to national and international standards. Products with specific characteristics and requirements such as required in the automotive sector according to IATF 16949, medical technology according to ISO 13485 or in the aerospace industry can be offered exclusively with customer-specific, individual agreements by SCHURTER.

Approvals

The approval mark is used by the testing authorities to certify compliance with the safety requirements placed on electronic products.

Approval Reference Type: 6600-3

| Approval Logo | Certificates | Certification Body | Description |
|--|---------------|--------------------|--|
|  | VDE Approvals | VDE | Certificate Number: 40017345 |
|  | UL Approvals | UL | UR File Number: E103791 |
|  | CCC Approvals | CCC | CCC Certificate Number: 2020180204017597 |

Product standards

Product standards that are referenced

| Organization | Design | Standard | Description |
|--|-----------------------|-----------------------|---|
|  | Designed according to | IEC 60320-1 | Appliance couplers for household and similar general purposes |
|  | Designed according to | IEC 60320-3 | Appliance couplers for household and similar general purposes |
|  | Designed according to | UL 60320-1 | Standard for Attachment Plugs and Receptacles |
|  | Designed according to | CSA C22.2 no. 60320-1 | General Use Receptacles, Attachment Plugs, and Similar Wiring Devices |

Application standards

Application standards where the product can be used

| Organization | Design | Standard | Description |
|--|--------------------------------|----------------|--|
|  | Suitable for applications acc. | IEC/UL 62368-1 | Audio/video, information and communication technology equipment - Part 1: Safety requirements |
|  | Suitable for applications acc. | IEC 60335-1 | Safety of electrical appliances for household and similar purposes. Meets the requirements for appliances in unattended use. This includes the enhanced requirements of glow wire tests acc. to IEC 60695-2-11 or -12 & -13. |

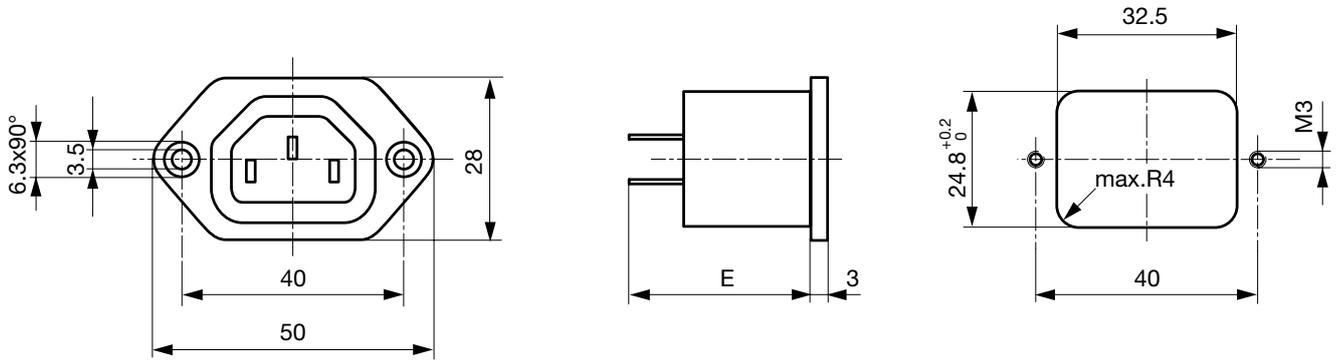
Compliances

The product complies with following Guide Lines

| Identification | Details | Initiator | Description |
|--|--|-------------|--|
|  | CE declaration of conformity | SCHURTER AG | The CE marking declares that the product complies with the applicable requirements laid down in the harmonisation of Community legislation on its affixing in accordance with EU Regulation 765/2008. |
|  | UKCA declaration of conformity | SCHURTER AG | The UKCA marking declares that the product complies with the applicable requirements laid down in the British Amendment of Regulation (EC) 765/2008. |
|  | RoHS | SCHURTER AG | Directive RoHS 2011/65/EU, Amendment (EU) 2015/863 |
|  | China RoHS | SCHURTER AG | The law SJ / T 11363-2006 (China RoHS) has been in force since 1 March 2007. It is similar to the EU directive RoHS. |
|  | REACH | SCHURTER AG | On 1 June 2007, Regulation (EC) No 1907/2006 on the Registration, Evaluation, Authorization and Restriction of Chemicals 1 (abbreviated as "REACH") entered into force. |
|  | | SCHURTER AG | V-Lock system are based on a matching plug-dose combination. The connector is equipped with a notch intended for use with the latching cordset. The cord latching system prevents against accidental removal of the cordset. |
|  | White Paper Glow wire test | SCHURTER AG | Meets the requirements of IEC 60335-1 for appliances in unattended use. This includes the enhanced requirements of glow wire tests acc. to IEC 60695-2-11 or -12 & -13. |
|  | Green Line | SCHURTER AG | Green Line products are aligned with the UN's Strategic Development Goals (SDGs). Components of the products are made of sustainable, environmentally friendly materials. These include, for example, bio-based plastics or lead-free metal alloys. Products in this line can also support the economical, intelligent use of resources. |

Dimensions [mm]

6600-3



E: Solder terminals: 24.1 mm
 E: Quick connect terminals 4.8 x 0.8 mm: 26.5 mm
 E: Quick connect terminals 6.3 x 0.8 mm: 27.5 mm

All Variants

|  | Panel mounting | Panel Thickness s [mm] | Terminal | IP Protection Class Front Side | Protection Class | Order Number |
|---|----------------|------------------------|--------------------------------------|--------------------------------|------------------|--------------|
| ● | Screw | - | Quick connect terminals 4.8 x 0.8 mm | IP30 | I | 3-144-642 |
| | Screw | - | Quick connect terminals 4.8 x 0.8 mm | IP30 | I | 6600.3200 |
| | Screw | - | Quick connect terminals 4.8 x 0.8 mm | IP30 | I | 6600.3200.21 |
| ● | Screw | - | Quick connect terminals 6.3 x 0.8 mm | IP30 | I | 3-144-640 |
| | Screw | - | Quick connect terminals 6.3 x 0.8 mm | IP30 | I | 6600.3300 |
| | Screw | - | Quick connect terminals 6.3 x 0.8 mm | IP30 | I | 6600.3300.21 |
| ● | Screw | - | Solder terminals | IP30 | I | 3-144-641 |
| | Screw | - | Solder terminals | IP30 | I | 6600.3100 |
| | Screw | - | Solder terminals | IP30 | I | 6600.3100.21 |

Most Popular.

Availability for all products can be searched real-time: <https://www.schurter.com/en/info-center/support-tools/stock-check-distributors>

Suffix ".21" corresponds to the version with V-Lock mating cordset. The connector is equipped with a notch intended for use with the latching cordset. The cord latching system prevents against accidental removal of the cordset.

Articles for enhanced glow wire test requirements acc. IEC 60695-2-12 and -13 can be ordered with ending ".15" (xxxx.xxxx.15). They are suitable for the use in unattended household equipment acc. IEC 60335-1.

Packaging unit

50 Pcs

Accessories

Description



[Wire_Harness](#)
 Wire harness for SCHURTER products



[Assorted_Covers](#)
 Rear Cover



[RC320](#)
 Rear Cover for Power Entry Module



[Cord_retaining_kits](#)
 Cord retaining strain relief

Mating Inlets/Plugs

Category / Description

[Plug Overview complete](#)



| | |
|--|------|
| 4732, Mounting: Power Cord, Plug: IEC E, Cable | 4732 |
| 4735, Mounting: Power Cord, Plug: IEC E, Cable | 4735 |
| 9009, Mounting: Plug: IEC E, Screw clamps | 9009 |
| 4733, Mounting: Power Cord, Plug: IEC E, Cable | 4733 |
| 4736, Mounting: Power Cord, Plug: IEC E, Cable | 4736 |
| ... | |

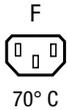
Mating Inlets/Plugs shuttered

[Interconnection Cord Overview complete](#)



| | |
|--|-----------|
| VAC13KS, Interconnection, V-Lock cord retaining, 0.6 m, Connector IEC C13, H05VV-F3G0.75 / SVT 3x18 AWG, black | 3-100-354 |
| VAC13KS, Interconnection, V-Lock cord retaining, 3.0 m, Connector IEC C13, SVT 3x18 AWG, black | 3-100-361 |
| VAC13KS, Interconnection, V-Lock cord retaining, 1.8 m, Connector IEC C13, H05VV-F3G0.75 / SVT 3x18 AWG, black | 3-100-734 |
| VAC13KS, Interconnection, V-Lock cord retaining, 2.0 m, Connector IEC C13, H05VV-F3G0.75 / SVT 3x18 AWG, black | 6051.2007 |
| VAC13KS, Interconnection, V-Lock cord retaining, 1.5 m, Connector IEC C13, H05VV-F3G0.75, black | 6051.2067 |
| ... | |

IEC Appliance Outlet F, Snap-in Mounting, Front Side, Solder or Quick-connect Terminal



See below:

[Approvals and Compliances](#)

Description

- Panel mount :
 Snap-in version front side
- Connector , Pin temperature 70 °C , Protection class I
- Variants with factory mounted inlet gasket and sealing kit for IP54 into the equipment and the pluggable power supply
- Solder / Quick Connect

Unique Selling Proposition

- Variants made from plant-based plastics with 2.75 kg CO2 reduction per packaging unit
- The plant-based plastics meet the increased glow wire test requirements according to IEC 60695-2-12 and -13
- For use in unattended household appliances according to IEC 60335-1

Other versions on request

- Other panel thickness
- Types for rivet mounting available upon request
- Variant with notch for V-Lock mating Cordsets

References

Alternative: version with integrated light pipes [6600-5](#)

Weblinks

[pdf data sheet](#), [html datasheet](#), [General Product Information](#), [Approvals](#), [Distributor-Stock-Check](#), [Accessories](#), [Detailed request for product](#)

Newly available variants corresponding to V-Lock mating cordset. The connector is equipped with a notch intended for use with the latching cordset. The cord latching system prevents against accidental removal of the cordset.

Technical Data

| | | | |
|-----------------------------------|---|-------------------------|---|
| Ratings IEC | 10 A / 250 VAC; 50 Hz | Appliance inlet/-outlet | F acc. to IEC 60320-3 |
| Ratings UL/CSA | 15 A / 250 VAC; 60 Hz | | UL 60320-1, CSA C22.2 no. 60320-1 |
| Dielectric Strength | > 2 kVAC between L-N > 2 kVAC between L/N-PE (1 min/50 Hz) | | (for cold conditions) pin-temperature 70 °C, 10 A, Protection Class I |
| Allowable Operation Temperature | -25 °C to 70 °C | | |
| IP-Protection | front side IP30 acc. to IEC 60529 | | |
| Protection against electric shock | Suitable for appliances with protection class I acc. to IEC 61140 | | |
| Terminal | Solder / Quick Connect | | |
| Panel Thickness S | Snap-in: 1/1.2/1.5/2/2.5/3 mm | | |
| Material: Housing | Thermoplastic, black, UL 94V-0 | | |

Approvals and Compliances

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

SCHURTER products are designed for use in industrial environments. They have approvals from independent testing bodies according to national and international standards. Products with specific characteristics and requirements such as required in the automotive sector according to IATF 16949, medical technology according to ISO 13485 or in the aerospace industry can be offered exclusively with customer-specific, individual agreements by SCHURTER.

Approvals

The approval mark is used by the testing authorities to certify compliance with the safety requirements placed on electronic products.

Approval Reference Type: 6600-4

| Approval Logo | Certificates | Certification Body | Description |
|--|---------------|--------------------|--|
|  | VDE Approvals | VDE | Certificate Number: 40017345 |
|  | UL Approvals | UL | UR File Number: E103791 |
|  | CCC Approvals | CCC | CCC Certificate Number: 2020180204017597 |

Product standards

Product standards that are referenced

| Organization | Design | Standard | Description |
|--|-----------------------|-----------------------|---|
|  | Designed according to | IEC 60320-1 | Appliance couplers for household and similar general purposes |
|  | Designed according to | IEC 60320-3 | Appliance couplers for household and similar general purposes |
|  | Designed according to | UL 60320-1 | Standard for Attachment Plugs and Receptacles |
|  | Designed according to | CSA C22.2 no. 60320-1 | General Use Receptacles, Attachment Plugs, and Similar Wiring Devices |

Application standards

Application standards where the product can be used

| Organization | Design | Standard | Description |
|--|--------------------------------|----------------|--|
|  | Suitable for applications acc. | IEC/UL 62368-1 | Audio/video, information and communication technology equipment - Part 1: Safety requirements |
|  | Suitable for applications acc. | IEC 60335-1 | Safety of electrical appliances for household and similar purposes. Meets the requirements for appliances in unattended use. This includes the enhanced requirements of glow wire tests acc. to IEC 60695-2-11 or -12 & -13. |

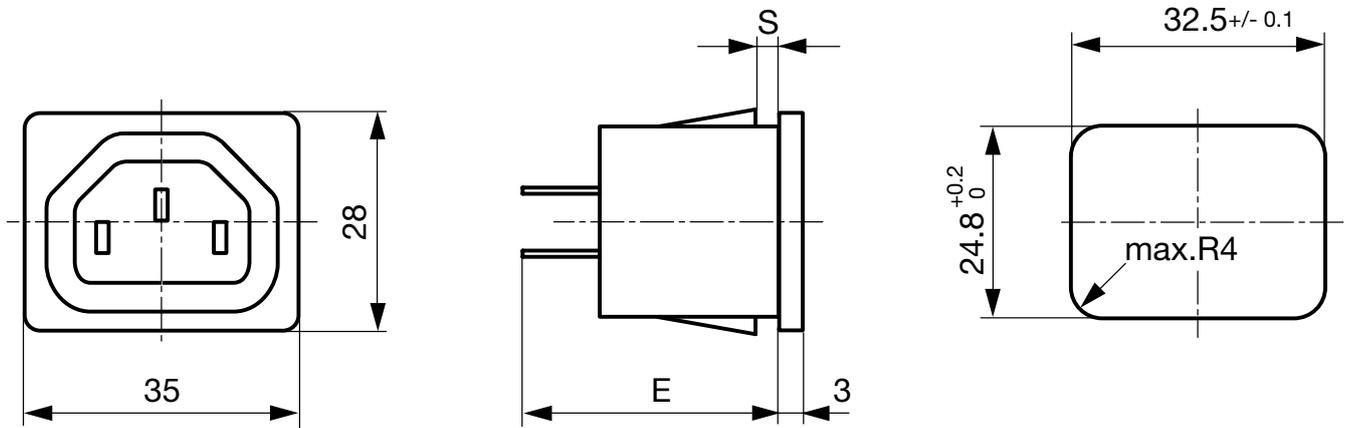
Compliances

The product complies with following Guide Lines

| Identification | Details | Initiator | Description |
|--|--|-------------|--|
|  | CE declaration of conformity | SCHURTER AG | The CE marking declares that the product complies with the applicable requirements laid down in the harmonisation of Community legislation on its affixing in accordance with EU Regulation 765/2008. |
|  | UKCA declaration of conformity | SCHURTER AG | The UKCA marking declares that the product complies with the applicable requirements laid down in the British Amendment of Regulation (EC) 765/2008. |
|  | RoHS | SCHURTER AG | Directive RoHS 2011/65/EU, Amendment (EU) 2015/863 |
|  | China RoHS | SCHURTER AG | The law SJ / T 11363-2006 (China RoHS) has been in force since 1 March 2007. It is similar to the EU directive RoHS. |
|  | REACH | SCHURTER AG | On 1 June 2007, Regulation (EC) No 1907/2006 on the Registration, Evaluation, Authorization and Restriction of Chemicals 1 (abbreviated as "REACH") entered into force. |
|  | | SCHURTER AG | V-Lock system are based on a matching plug-dose combination. The connector is equipped with a notch intended for use with the latching cordset. The cord latching system prevents against accidental removal of the cordset. |
|  | White Paper Glow wire test | SCHURTER AG | Meets the requirements of IEC 60335-1 for appliances in unattended use. This includes the enhanced requirements of glow wire tests acc. to IEC 60695-2-11 or -12 & -13. |
|  | Green Line | SCHURTER AG | Green Line products are aligned with the UN's Strategic Development Goals (SDGs). Components of the products are made of sustainable, environmentally friendly materials. These include, for example, bio-based plastics or lead-free metal alloys. Products in this line can also support the economical, intelligent use of resources. |

Dimensions [mm]

6600-4



E: Solder terminals: 24.1 mm

E: Quick connect terminals 4.8 x 0.8 mm: 26.5 mm

E: Quick connect terminals 6.3 x 0.8 mm: 27.5 mm

All Variants

|  | Panel mounting | Panel Thickness s [mm] | Terminal | IP Protection Class Front Side | Protection Class | Order Number |
|---|----------------|------------------------|--------------------------------------|--------------------------------|------------------|--------------|
| | - | - | Solder / Quick Connect | IP30 | I | 6600.4315 |
| | Snap-in | 1 | Quick connect terminals 4.8 x 0.8 mm | IP30 | I | 6600.4210 |
| | Snap-in | 1 | Quick connect terminals 4.8 x 0.8 mm | IP30 | I | 6600.4210.21 |
| | Snap-in | 1.2 | Quick connect terminals 4.8 x 0.8 mm | IP30 | I | 6600.4212 |
| | Snap-in | 1.2 | Quick connect terminals 4.8 x 0.8 mm | IP30 | I | 6600.4212.21 |
| ● | Snap-in | 1.5 | Quick connect terminals 4.8 x 0.8 mm | IP30 | I | 3-144-645 |
| | Snap-in | 1.5 | Quick connect terminals 4.8 x 0.8 mm | IP30 | I | 6600.4215 |
| | Snap-in | 1.5 | Quick connect terminals 4.8 x 0.8 mm | IP30 | I | 6600.4215.21 |
| | Snap-in | 2 | Quick connect terminals 4.8 x 0.8 mm | IP30 | I | 6600.4220 |
| | Snap-in | 2 | Quick connect terminals 4.8 x 0.8 mm | IP30 | I | 6600.4220.21 |
| | Snap-in | 2.5 | Quick connect terminals 4.8 x 0.8 mm | IP30 | I | 6600.4225 |
| | Snap-in | 2.5 | Quick connect terminals 4.8 x 0.8 mm | IP30 | I | 6600.4225.21 |
| | Snap-in | 3 | Quick connect terminals 4.8 x 0.8 mm | IP30 | I | 6600.4230 |
| | Snap-in | 3 | Quick connect terminals 4.8 x 0.8 mm | IP30 | I | 6600.4230.21 |
| | Snap-in | 1 | Quick connect terminals 6.3 x 0.8 mm | IP30 | I | 6600.4310 |
| | Snap-in | 1 | Quick connect terminals 6.3 x 0.8 mm | IP30 | I | 6600.4310.21 |
| | Snap-in | 1.2 | Quick connect terminals 6.3 x 0.8 mm | IP30 | I | 6600.4312 |
| | Snap-in | 1.2 | Quick connect terminals 6.3 x 0.8 mm | IP30 | I | 6600.4312.21 |
| ● | Snap-in | 1.5 | Quick connect terminals 6.3 x 0.8 mm | IP30 | I | 3-144-643 |
| | Snap-in | 1.5 | Quick connect terminals 6.3 x 0.8 mm | IP30 | I | 6600.4315 |
| | Snap-in | 1.5 | Quick connect terminals 6.3 x 0.8 mm | IP30 | I | 6600.4315.21 |
| | Snap-in | 2 | Quick connect terminals 6.3 x 0.8 mm | IP30 | I | 6600.4320 |
| | Snap-in | 2 | Quick connect terminals 6.3 x 0.8 mm | IP30 | I | 6600.4320.21 |
| | Snap-in | 2.5 | Quick connect terminals 6.3 x 0.8 mm | IP30 | I | 6600.4325 |
| | Snap-in | 2.5 | Quick connect terminals 6.3 x 0.8 mm | IP30 | I | 6600.4325.21 |

| | Panel mounting | Panel Thickness s [mm] | Terminal | IP Protection Class Front Side | Protection Class | Order Number |
|---|----------------|------------------------|--------------------------------------|--------------------------------|------------------|--------------|
| | Snap-in | 3 | Quick connect terminals 6.3 x 0.8 mm | IP30 | I | 6600.4330 |
| | Snap-in | 3 | Quick connect terminals 6.3 x 0.8 mm | IP30 | I | 6600.4330.21 |
| | Snap-in | 1 | Solder terminals | IP30 | I | 6600.4110 |
| | Snap-in | 1 | Solder terminals | IP30 | I | 6600.4110.21 |
| | Snap-in | 1.2 | Solder terminals | IP30 | I | 6600.4112 |
| | Snap-in | 1.2 | Solder terminals | IP30 | I | 6600.4112.21 |
| ● | Snap-in | 1.5 | Solder terminals | IP30 | I | 3-144-644 |
| | Snap-in | 1.5 | Solder terminals | IP30 | I | 6600.4115 |
| | Snap-in | 1.5 | Solder terminals | IP30 | I | 6600.4115.21 |
| ● | Snap-in | 2 | Solder terminals | IP30 | I | 3-144-646 |
| | Snap-in | 2 | Solder terminals | IP30 | I | 6600.4120 |
| | Snap-in | 2 | Solder terminals | IP30 | I | 6600.4120.21 |
| | Snap-in | 2.5 | Solder terminals | IP30 | I | 6600.4125 |
| | Snap-in | 2.5 | Solder terminals | IP30 | I | 6600.4125.21 |
| | Snap-in | 3 | Solder terminals | IP30 | I | 6600.4130 |
| | Snap-in | 3 | Solder terminals | IP30 | I | 6600.4130.21 |

Most Popular.

Availability for all products can be searched real-time: <https://www.schurter.com/en/info-center/support-tools/stock-check-distributors>

Suffix ".21" corresponds to the version with V-Lock mating cordset. The connector is equipped with a notch intended for use with the latching cordset. The cord latching system prevents against accidental removal of the cordset.

Articles for enhanced glow wire test requirements acc. IEC 60695-2-12 and -13 can be ordered with ending ".15" (xxxx.xxx.15). They are suitable for the use in unattended household equipment acc. IEC 60335-1.

Packaging unit

50 Pcs

Accessories

Description



Wire_Harness

Wire harness for SCHURTER products



Assorted_Covers

Rear Cover



RC320

Rear Cover for Power Entry Module

Description



[Cord_retaining_kits](#)
 Cord retaining strain relief

Mating Inlets/Plugs

Category / Description

[Plug Overview complete](#)



| | |
|--|------|
| 4732, Mounting: Power Cord, Plug: IEC E, Cable | 4732 |
| 4735, Mounting: Power Cord, Plug: IEC E, Cable | 4735 |
| 9009, Mounting: Plug: IEC E, Screw clamps | 9009 |
| 4733, Mounting: Power Cord, Plug: IEC E, Cable | 4733 |
| 4736, Mounting: Power Cord, Plug: IEC E, Cable | 4736 |
| ... | |

Mating Inlets/Plugs shuttered

[Interconnection Cord Overview complete](#)



| | |
|--|-----------|
| VAC13KS, Interconnection, V-Lock cord retaining, 0.6 m, Connector IEC C13, H05VV-F3G0.75 / SVT 3x18 AWG, black | 3-100-354 |
| VAC13KS, Interconnection, V-Lock cord retaining, 3.0 m, Connector IEC C13, SVT 3x18 AWG, black | 3-100-361 |
| VAC13KS, Interconnection, V-Lock cord retaining, 1.8 m, Connector IEC C13, H05VV-F3G0.75 / SVT 3x18 AWG, black | 3-100-734 |
| VAC13KS, Interconnection, V-Lock cord retaining, 2.0 m, Connector IEC C13, H05VV-F3G0.75 / SVT 3x18 AWG, black | 6051.2007 |
| VAC13KS, Interconnection, V-Lock cord retaining, 1.5 m, Connector IEC C13, H05VV-F3G0.75, black | 6051.2067 |
| ... | |