

IE-PS-VAPM-5P-2.5**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

PushPull Power plug-in connector according to PROFINET specification

General ordering data

| | |
|------------|--|
| Version | Power connector, Plug, PROFINET, Set of connectors |
| Order No. | 2465440000 |
| Type | IE-PS-VAPM-5P-2.5 |
| GTIN (EAN) | 4050118522136 |
| Qty. | 1 pc(s). |

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Technical data

Dimensions and weights

| | | | |
|------------|---------|-----------------|------------|
| Height | 36.2 mm | Height (inches) | 1.425 inch |
| Width | 26.8 mm | Width (inches) | 1.055 inch |
| Length | 85.4 mm | Length (inches) | 3.362 inch |
| Net weight | 96 g | | |

Temperatures

| | |
|-----------------------|----------------|
| Operating temperature | -40 °C...70 °C |
|-----------------------|----------------|

General data

| | | | |
|--|-----------------------------|--|---------------------|
| Cable sealing material | EPDM | Colour | Silver grey |
| Connection 1 | PushPull Power | Connection 2 | Tension clamp |
| Contact material | Cu-alloy | Contact surface | Gold over nickel |
| Housing main material | Zinc diecast, nickel-plated | Number of poles | 5 |
| Plugging cycles | ≥ 100 | Pollution severity | 2 |
| Protection degree | IP65, IP67 | Sealing material | NBR |
| Sheath diameter, max. | 13 mm | Sheath diameter, min. | 8 mm |
| Shielding | unshielded | Type of interlock | Push Pull |
| UL 94 flammability rating | V-2 | Wire connection cross section, finely stranded, max. | 2.5 mm ² |
| Wire connection cross section, finely stranded, min. | 0.75 mm ² | | |

Electrical properties

| | | | |
|------------------------------------|------|-------------------|------|
| Current-carrying capacity at 50 °C | 16 A | Operating voltage | 24 V |
|------------------------------------|------|-------------------|------|

General standards

| | | |
|----------------------|--------------------|--|
| Certificate No. (UR) | Connector standard | in accordance with PROFINET specification, IEC 61076-3-126 |
| E92202 | | |

Standards

| | |
|--------------------|--|
| Connector standard | in accordance with PROFINET specification, IEC 61076-3-126 |
|--------------------|--|

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 6.0 | EC001121 | ETIM 7.0 | EC001121 |
| ETIM 8.0 | EC001121 | ETIM 9.0 | EC001121 |
| ECLASS 9.0 | 27-44-03-90 | ECLASS 9.1 | 27-44-03-90 |
| ECLASS 10.0 | 27-44-03-90 | ECLASS 11.0 | 27-44-03-90 |
| ECLASS 12.0 | 27-44-03-90 | ECLASS 13.0 | 27-44-03-90 |

Important note

| | |
|---------------------|--|
| Product information | For cables with outer diameter 6-8 mm, order additional reducing seal. |
|---------------------|--|

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www.weidmueller.com**Technical data****Approvals**

Approvals



ROHS Conform

UL File Number Search UL Website

Certificate No. (UR) E92202

Downloads

Approval/Certificate/Document of Conformity

[PROFINET Manufacturer's Declaration](#)

Engineering Data

[CAD data – STEP](#)

Product Change Notification

[20201001 Technische Änderungen zum Push Pull Power Steckverbinder](#)[20201001 Technical change to Push Pull Power connector](#)[Technische Änderung der Bedruckung auf PushPull Power Kontakteinsätzen](#)[Technical change to printing on PushPull Power contact inserts](#)

User Documentation

[Designation key / Type key](#)[Manual](#)

Catalogues

[Catalogues in PDF-format](#)

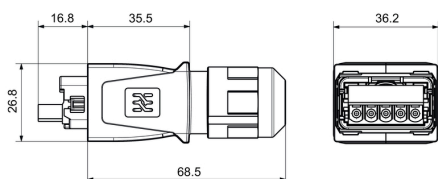
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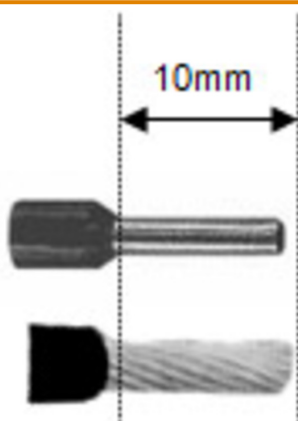
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Drawings

Dimensioned drawing



Drawing



When using wire-end-ferrules, we recommend the length of 10 mm.

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www.weidmueller.com**Accessories****Individual parts**

PushPull Power plug-in connector according to PROFINET specification

General ordering data

| | | |
|------------|----------------------------|---|
| Type | IE-REDU-6-8-PS-VAPM | Version |
| Order No. | 2531330000 | Power connector, Plug, Sealing insert, PROFINET |
| GTIN (EAN) | 4050118545227 | |
| Qty. | 10 pc(s). | |