

ZPS 2.5/1AN/QV/4**Weidmüller Interfaces GmbH & Co. KG**

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Product image

A coupling offers the possibility to use the WeiCoS connector system without a base terminal block. The system can be used as a floating or permanently installed application for connecting two conductors.

General ordering data

| | |
|------------|---|
| Version | Z-series, Coupling, Rated cross-section: 2.5 mm ² , Plug-in connection, beige, Direct mounting |
| Order No. | 1865920000 |
| Type | ZPS 2.5/1AN/QV/4 |
| GTIN (EAN) | 4032248499267 |
| Qty. | 20 pc(s). |

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Technical data**Dimensions and weights**

| | | | |
|------------|----------|-----------------|------------|
| Depth | 42 mm | Depth (inches) | 1.654 inch |
| Height | 22.55 mm | Height (inches) | 0.888 inch |
| Width | 22.9 mm | Width (inches) | 0.902 inch |
| Net weight | 15.6 g | | |

Temperatures

| | | | |
|----------------------------------|----------------|----------------------------------|-----|
| Storage temperature | -25 °C...55 °C | Continuous operating temp., min. | -50 |
| Continuous operating temp., max. | 120 | | |

Material data

| | | | |
|---------------------------|-------|--------|------------|
| Material | Wemid | Colour | dark beige |
| UL 94 flammability rating | V-0 | | |

System specifications

| | | | |
|-------------------------------------|--|-----------------------------------|----|
| Version | Plug-in connector, pluggable, Tension-clamp connection | Number of levels | 1 |
| Number of clamping points per level | 1 | Levels cross-connected internally | No |
| PE connection | No | | |

Additional technical data

| | | | |
|---------------------|-----------------|------------------|---------|
| Installation advice | Direct mounting | Type of mounting | Plugged |
|---------------------|-----------------|------------------|---------|

CSA rating data

| | | | |
|-------------------------------|----------------|-------------------------------|--------|
| Certificate No. (CSA) | 200039-1720292 | Current size C (CSA) | 20 A |
| Current size D (CSA) | 5 A | Voltage size C (CSA) | 300 V |
| Voltage size D (CSA) | 600 V | Wire cross section max. (CSA) | 12 AWG |
| Wire cross section min. (CSA) | 26 AWG | | |

Conductors for clamping (rated connection)

| | | | |
|---|----------------------|---|----------------------|
| Blade size | 0.6 x 3.5 mm | Clamping range, max. | 4 mm ² |
| Clamping range, min. | 0.13 mm ² | Connection direction | top |
| Gauge to IEC 60947-1 | A2 | Number of connections | 4 |
| Stripping length | 10 mm | Type of connection | Plug-in connection |
| Wire connection cross section AWG, max. | AWG 12 | Wire connection cross section AWG, min. | AWG 26 |
| Wire connection cross section, finely stranded, max. | 4 mm ² | Wire connection cross section, finely stranded, min. | 0.5 mm ² |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max. | 2.5 mm ² | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min. | 0.5 mm ² |
| Wire connection cross-section, solid core, max. | 4 mm ² | Wire connection cross-section, solid core, min. | 0.13 mm ² |

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Technical data**General**

| | | | |
|---|--------------------------|---|---------------------|
| Installation advice | Direct mounting | Number of poles | www.weidmueller.com |
| Standards | IEC 60947-7-1, IEC 61984 | Wire connection cross section AWG, max. | AWG 12 |
| Wire connection cross section AWG, min. | AWG 26 | | |

Rating data

| | | | |
|---------------------------------|--------------------------|--|---------|
| Rated cross-section | 2.5 mm ² | Rated voltage | 500 V |
| Rated current | 24 A | Current at maximum wires | 24 A |
| Standards | IEC 60947-7-1, IEC 61984 | Volume resistance according to IEC 60947-7-x | 1.33 mΩ |
| Rated impulse withstand voltage | 6 kV | Power loss in accordance with IEC 60947-7-x | 0.77 W |
| Pollution severity | 3 | | |

UL rating data

| | | | |
|--|--------|--|--------|
| Certificate No. (cURus) | E60693 | Conductor size Factory wiring max. (cURus) | 12 AWG |
| Conductor size Factory wiring min. (cURus) | 26 AWG | Conductor size Field wiring max. (cURus) | 12 AWG |
| Conductor size Field wiring min. (cURus) | 26 AWG | Current size C (cURus) | 24 A |
| Current size D (cURus) | 5 A | Voltage size C (cURus) | 300 V |
| Voltage size D (cURus) | 600 V | | |

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 6.0 | EC002848 | ETIM 7.0 | EC002848 |
| ETIM 8.0 | EC002848 | ECLASS 9.0 | 27-14-11-92 |
| ECLASS 9.1 | 27-14-11-92 | ECLASS 10.0 | 27-14-11-92 |
| ECLASS 11.0 | 27-14-11-92 | ECLASS 12.0 | 27-14-11-92 |

Approvals

Approvals



| | |
|-------------------------|------------|
| ROHS | Conform |
| UL File Number Search | UL Website |
| Certificate No. (cURus) | E60693 |

Downloads

| | |
|---|--|
| Approval/Certificate/Document of Conformity | EAC certificate DNVGL certificate |
| Engineering Data | CAD data – STEP |
| Engineering Data | WSCAD |
| User Documentation | StorageConditionsTerminalBlocks |
| Catalogues | Catalogues in PDF-format |

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