

**ZP 4/1AN GN****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**Product image****Building installation wiring**

For building installations, we offer a complete system that revolves around the 10×3 copper rail and comprises perfectly coordinated components: from installation terminal blocks, neutral conductor terminal blocks and distribution terminal blocks to comprehensive accessories such as busbars and busbar holders.

**General ordering data**

|            |                                              |
|------------|----------------------------------------------|
| Version    | Z-series, Plug-in connector, Direct mounting |
| Order No.  | <a href="#">1051980000</a>                   |
| Type       | ZP 4/1AN GN                                  |
| GTIN (EAN) | 4032248805044                                |
| Qty.       | 50 pc(s).                                    |

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## Technical data

## Dimensions and weights

|                |            |                 |            |
|----------------|------------|-----------------|------------|
| Depth          | 47.5 mm    | Depth (inches)  | 1.87 inch  |
| Height         | 22.5 mm    | Height (inches) | 0.886 inch |
| Net weight     | 6.18 g     | Width           | 6.5 mm     |
| Width (inches) | 0.256 inch |                 |            |

## Temperatures

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

## Material data

|                           |       |        |       |
|---------------------------|-------|--------|-------|
| Material                  | Wemid | Colour | green |
| UL 94 flammability rating | V-0   |        |       |

## System specifications

|                                   |                                                        |                                     |     |
|-----------------------------------|--------------------------------------------------------|-------------------------------------|-----|
| Version                           | Set of connectors, pluggable, Tension-clamp connection | End cover plate required            | Yes |
| 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 | Open sides | right |
| Type of mounting    | Plugged         |            |       |

## CSA rating data

|                               |                |                               |        |
|-------------------------------|----------------|-------------------------------|--------|
| Certificate No. (CSA)         | 200039-1720292 | Current size C (CSA)          | 28 A   |
| Voltage size C (CSA)          | 600 V          | Wire cross section max. (CSA) | 10 AWG |
| Wire cross section min. (CSA) | 26 AWG         |                               |        |

## Conductors for clamping (rated connection)

|                                                 |                   |                    |                          |
|-------------------------------------------------|-------------------|--------------------|--------------------------|
| Number of connections                           | 1                 | Type of connection | Tension-clamp connection |
| Wire connection cross-section, solid core, max. | 6 mm <sup>2</sup> |                    |                          |

## General

|                     |                 |                 |   |
|---------------------|-----------------|-----------------|---|
| Installation advice | Direct mounting | Number of poles | 1 |
|---------------------|-----------------|-----------------|---|

## Rating data

|                                              |        |                     |                   |
|----------------------------------------------|--------|---------------------|-------------------|
| Power loss in accordance with IEC 60947-7-x  | 1.02 W | Rated cross-section | 4 mm <sup>2</sup> |
| Rated voltage                                | 800 V  | Rated current       | 32 A              |
| Volume resistance according to IEC 60947-7-x | 1 mΩ   |                     |                   |

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## UL rating data

|                                            |        |                                            |        |
|--------------------------------------------|--------|--------------------------------------------|--------|
| Certificate No. (cURus)                    | E60693 | Conductor size Factory wiring max. (cURus) | 10 AWG |
| Conductor size Factory wiring min. (cURus) | 26 AWG | Conductor size Field wiring max. (cURus)   | 10 AWG |
| Conductor size Field wiring min. (cURus)   | 26 AWG | Current size C (cURus)                     | 28 A   |
| UL_current_Print                           | 28 A   | UL_voltage_Print                           | 600 V  |
| UL_wire_max_Print                          | 10 AWG | UL_wire_min_Print                          | 26 AWG |
| Voltage size C (cURus)                     | 600 V  |                                            |        |

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC002848    | ETIM 7.0    | 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 |

## Approvals

Approvals



|                       |         |
|-----------------------|---------|
| ROHS                  | Conform |
| UL File Number Search | E60693  |

## Downloads

|                                             |                                                 |
|---------------------------------------------|-------------------------------------------------|
| Approval/Certificate/Document of Conformity | <a href="#">EAC certificate</a>                 |
| Engineering Data                            | <a href="#">STEP</a>                            |
| Engineering Data                            | <a href="#">EPLAN, WSCAD</a>                    |
| User Documentation                          | <a href="#">StorageConditionsTerminalBlocks</a> |