

**W-Series, Accessories**  
**WZAD 95N/120N**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 16  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
Fax: +49 5231 14-292083  
[www.weidmueller.com](http://www.weidmueller.com)



The versatile and extensive range of products - from 0.05 mm<sup>2</sup> to 300 mm<sup>2</sup> - means that you have diverse options for your applications at your disposal.  
Hardened steel for mechanical strength and high-quality tinned copper for optimum conductivity. All materials comply with RoHS requirements and have been tested to current environment guidelines.

**General ordering data**

|            |                                              |
|------------|----------------------------------------------|
| Type       | WZAD 95N/120N                                |
| Order No.  | <a href="#">1859580000</a>                   |
| Version    | W-Series, Accessories, Additional connection |
| GTIN (EAN) | 4032248718429                                |
| Qty.       | 5 pc(s).                                     |

## W-Series, Accessories WZAD 95N/120N

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 16  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
Fax: +49 5231 14-292083  
www.weidmueller.com

## Technische Daten

### Dimensions and weights

|        |         |            |         |
|--------|---------|------------|---------|
| Length | 30.5 mm | Width      | 12.5 mm |
| Height | 75.5 mm | Net weight | 30.12 g |

### Temperatures

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

### Additional technical data

|                          |                       |                     |                                            |
|--------------------------|-----------------------|---------------------|--------------------------------------------|
| Explosion-tested version | No                    | Installation advice | Feed-through (bushing),<br>Direct mounting |
| Version                  | Additional connection |                     |                                            |

### CSA ratings data

|                               |                |                               |       |
|-------------------------------|----------------|-------------------------------|-------|
| Certificate No. (CSA)         | 200039-1057876 | Voltage size B (CSA)          | 600 V |
| Voltage size C (CSA)          | 600 V          | Current size B (CSA)          | 50 A  |
| Current size C (CSA)          | 50 A           | Wire cross section max. (CSA) | 8 AWG |
| Wire cross section min. (CSA) | 24 AWG         |                               |       |

### Clampable wires (rated connection)

|                                                                                                                                       |                     |                                                                                                                               |                     |
|---------------------------------------------------------------------------------------------------------------------------------------|---------------------|-------------------------------------------------------------------------------------------------------------------------------|---------------------|
| Type of connection                                                                                                                    | Screw connection    | Connection direction                                                                                                          | on side             |
| Number of connections                                                                                                                 | 1                   | Clamping range, rated connection, min.                                                                                        | 0.3 mm <sup>2</sup> |
| Clamping range, rated connection, max.                                                                                                | 10 mm <sup>2</sup>  | Gauge to IEC 60947-1                                                                                                          | A5                  |
| Wire connection cross section, solid core, max. rated connection                                                                      | 0.3 mm <sup>2</sup> | Wire connection cross section, solid core max. rated connection                                                               | 10 mm <sup>2</sup>  |
| Wire connection cross section, stranded, rated connection, min.                                                                       | 0.3 mm <sup>2</sup> | Wire connection cross section, stranded, rated connection, max.                                                               | 6 mm <sup>2</sup>   |
| Wire connection cross section, finely stranded, max.                                                                                  | 6 mm <sup>2</sup>   | Wire connection cross-section, finely stranded, min.                                                                          | 0.3 mm <sup>2</sup> |
| Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, min.                             | 0.3 mm <sup>2</sup> | Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max.                     | 6 mm <sup>2</sup>   |
| Cross-section for connected conductor, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, min. | 0.3 mm <sup>2</sup> | Wire connection cross-section, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, max. | 6 mm <sup>2</sup>   |

### Rated data

|                                 |                   |               |               |
|---------------------------------|-------------------|---------------|---------------|
| Rated cross-section             | 6 mm <sup>2</sup> | Rated voltage | 800 V         |
| Rated impulse withstand voltage | 8 kV              | Rated current | 32 A          |
| Current at maximum wires        | 41 A              | Standards     | IEC 60947-7-1 |
| Pollution severity              | 3                 |               |               |

### UL ratings data

|                                            |        |                                            |       |
|--------------------------------------------|--------|--------------------------------------------|-------|
| Certificate No. (cURus)                    | E60693 | Conductor size Factory wiring max. (cURus) | 8 AWG |
| Conductor size Factory wiring min. (cURus) | 24 AWG | Conductor size Field wiring max. (cURus)   | 8 AWG |
| Conductor size Field wiring min. (cURus)   | 24 AWG | Current size B (cURus)                     | 50 A  |
| Current size C (cURus)                     | 50 A   | Voltage size B (cURus)                     | 600 V |
| Voltage size C (cURus)                     | 600 V  |                                            |       |

## W-Series, Accessories WZAD 95N/120N

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 16  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
Fax: +49 5231 14-292083  
www.weidmueller.com

## Technische Daten

### Material data

|                           |       |        |            |
|---------------------------|-------|--------|------------|
| Material                  | Wemid | Colour | Dark Beige |
| UL 94 flammability rating | V-0   |        |            |

### System specifications

|                          |                       |                                  |                  |
|--------------------------|-----------------------|----------------------------------|------------------|
| Product family           | W-Series, Accessories | Type of connection               | Screw connection |
| Connection direction     | on side               | Number of levels                 | 1                |
| Number of connections    | 1                     | No. of clamping points per level | 1                |
| End cover plate required | No                    |                                  |                  |

### Classifications

|            |             |            |             |
|------------|-------------|------------|-------------|
| ETIM 3.0   | EC000897    | UNSPSC     | 30-21-18-11 |
| eClass 5.1 | 27-14-11-45 | eClass 6.2 | 27-14-92-14 |
| eClass 7.1 | 27-14-92-14 |            |             |

### Approvals

Approvals



ROHS Conform