



## Communication

Communication interface, can be used with WAGO USB Communication Cable (750-923) or WAGO IO-Link Communication Module (2789-9080)

**Efficiency/Power losses:**

|                   |  |
|-------------------|--|
| Power loss $P_l$  | $\leq 1$ W (Stand-by); $\leq 2,2$ W (No load); $\leq 12$ W (230 VAC; Nominal load) |
| Efficiency (typ.) | 95,3 % (230 VAC; 10 ADC; 25 °C)  |

**Fuse protection:**

|                             |   |
|-----------------------------|---|
| Internal fuse               | T 6.3 A / 250 VAC   |
| External fuse (required)    | An external DC fuse is required for the DC input voltage. |
| External fuse (recommended) | 16 A (for USA/Canada: 15 A)                               |

**Safety and protection:**

|                                   |  |
|-----------------------------------|--|
| Insulation voltage (SEC-GND)      | DC 0,5 kV  |
| Insulation voltage (SEC-Signal)   | DC 0,5 kV  |
| Protection class                  | I  |
| Protection class                  | IP20 (per EN 60529)  |
| Feedback voltage                  | $\leq$ DC 35 V   |
| Overvoltage category              | III ( $\leq 2000$ m a. s.l.); II ( $> 2000$ m a. s.l.)                 |
| Transient protection, primary     | Yes  |
| Overvoltage protection, secondary | Internal protective circuit<br>$\leq 35$ VDC (in the event of a fault) |
| Short circuit protection          | Yes  |
| No-load proof                     | Yes  |
| Parallel operation                | Yes  |
| Series connection                 | Yes  |
| MTBF                              | $> 1,200,000$ h (per IEC 61709)  |

**Connection data**

|  |  |
|--|--|
| Connection type (1)                                      | Input/Output/Signaling                       |
| Connection technology                                    | CAGE CLAMP®                                  |
| WAGO terminal  | WAGO 721 Series                              |
| Solid conductor  | 0,08 ... 2,5 mm <sup>2</sup> / 28 ... 12 AWG |
| Fine-stranded conductor                                  | 0,08 ... 2,5 mm <sup>2</sup> / 28 ... 12 AWG |
| Fine-stranded conductor with ferrule with plastic collar | 0,25 ... 1,5 mm <sup>2</sup> / 20 ... 16 AWG |

Subject to changes. Please also observe the further product documentation!



|   |  |
|---|--|
| Fine-stranded conductor with ferrule without plastic collar | 0,25 ... 2,5 mm <sup>2</sup> / 20 ... 14 AWG |
| Strip length  | 8 ... 9 mm / 0.31 ... 0.35 inch              |

### Geometrical Data

|                                       |   |
|---------------------------------------|---|
| Width                                 | 50 mm / 1.969 inch  |
| Height                                | 130 mm / 5.118 inch                                       |
| Length from upper-edge of DIN-35 rail | 130 mm / 5.118 inch                                       |
| Note on dimensions                    | Height without connector<br>Height with connector: 166 mm |

### Mechanical data

|                  |                        |
|------------------|------------------------|
| Type of mounting | DIN-35 rail (EN 60715) |
|------------------|------------------------|

### Material Data

|        |        |
|--------|--------|
| Weight | 1000 g |
|--------|--------|

### Environmental Requirements

|   |  |
|---|--|
| Surrounding air (operating) temperature | -25 ... 70 °C (Device starts at -40 °C (type-tested))  |
| Surrounding air (storage) temperature   | -40 ... 85 °C  |
| Relative humidity                       | 5 ... 96 % (no condensation permissible)   |
| Derating                                | -3 %/K (> +55 °C and U <sub>i</sub> < 230 VAC); -3 %/K (> +60 °C and U <sub>i</sub> ≥ 230 VAC) |
| Pollution degree                        | 2  |
| Climatic category                       | 3K3 (per EN 60721)   |
| Max. operating altitude                 | 5000 m   |

### Standards and specifications

|                          |  |
|--------------------------|--|
| Conformity marking       | CE   |
| Standards/specifications | EN 61010-1; EN 61010-2-201; EN 61204-3; UL 61010-1; UL 61010-2-201 |

### Commercial data

|                    |               |
|--------------------|---------------|
| Packaging type     | BOX           |
| Country of origin  | CN            |
| GTIN               | 4055143907330 |
| Customs Tariff No. | 85044082900   |

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