

Safety and protection

| | |
|---|---------|
| Dielectric strength, input/output (AC, 1 min) | 4 kVrms |
|---|---------|

Connection data

| Connection 1 | | Connection 2 | |
|-------------------------|--|-------------------------|--|
| Connection type | Input | Connection type | Output |
| Connection technology | CAGE CLAMP® | Connection technology | CAGE CLAMP® |
| WAGO connector | WAGO 734 Series | WAGO connector | WAGO 231 Series |
| Solid conductor | 0.08 ... 1.5 mm ² / 28 ... 14 AWG | Solid conductor | 0.08 ... 2.5 mm ² / 28 ... 12 AWG |
| Fine-stranded conductor | 0.08 ... 1.5 mm ² / 28 ... 14 AWG | Fine-stranded conductor | 0.08 ... 2.5 mm ² / 28 ... 12 AWG |
| Strip length | 7 mm / 0.28 inches | Strip length | 8 ... 9 mm / 0.31 ... 0.35 inches |

Physical data

| | |
|-----------------------------------|-----------------------|
| Width | 106 mm / 4.173 inches |
| Height | 90 mm / 3.543 inches |
| Depth from upper-edge of DIN-rail | 58 mm / 2.283 inches |

Mechanical data

| | |
|----------------|--------------------------|
| Mounting type | DIN-35 rail |
| Housing design | DIN-rail-mount enclosure |

Material data

| | |
|-----------|---------|
| Fire load | 0.66 MJ |
| Weight | 251.6 g |

Environmental requirements

| | |
|---------------------------------|----------------|
| Ambient temperature (operation) | 0 ... +50 °C |
| Ambient temperature (storage) | -25 ... +70 °C |

Commercial data

| | |
|-----------------------|--------------------------|
| Product Group | 6 (INTERFACE ELECTRONIC) |
| PU (SPU) | 3 (1) pcs |
| Packaging type | Box |
| Country of origin | DE |
| GTIN | 4050821108849 |
| Customs tariff number | 85389091890 |

Product Classification

| | |
|-------------|----------------------|
| UNSPSC | 39121521 |
| eCl@ss 10.0 | 27-37-12-16 |
| eCl@ss 9.0 | 27-37-12-16 |
| ETIM 9.0 | EC000225 |
| ETIM 8.0 | EC000225 |
| ECCN | NO US CLASSIFICATION |

Environmental Product Compliance

| | |
|---|--------------------------------------|
| CAS-No. | 1303-86-2 1317-36-8 |
| REACH Candidate List Substance | Diboron trioxide Lead monoxide |
| RoHS Compliance Status | Compliant, No Exemption |
| SCIP notification number (Austria) | df219052-56bb-4183-87d8-e2b35e3b23cc |
| SCIP notification number (Belgium) | 21f77c9c-0eb9-4809-bcbb-960673659e64 |
| SCIP notification number (Bulgaria) | 1dfddab9-8630-498d-8088-097fca55ad70 |
| SCIP notification number (Czech Republic) | f2b72772-a011-461d-84ce-311cb7b5f23e |
| SCIP notification number (Denmark) | 65b78244-c6c5-40cb-9973-4b748a21b42f |
| SCIP notification number (Finland) | a4bab338-6841-478d-b105-ff91e016bce8 |
| SCIP notification number (France) | efa5fb3a-30ff-4e51-afd1-d0dd62c22df7 |
| SCIP notification number (Germany) | e4a15ca5-2783-48ed-95ee-ab4b972dd2f7 |
| SCIP notification number (Hungary) | b626e93f-4b16-4ef6-940e-6380029e7469 |
| SCIP notification number (Italy) | 866d9385-12e2-4d18-a4f7-a118965da531 |
| SCIP notification number (Netherlands) | 3265440a-c734-4e9f-a537-9475b8495eb6 |
| SCIP notification number (Poland) | 6815cb0b-f922-4310-96f7-425598800e4d |
| SCIP notification number (Romania) | 1d67fcff-98f8-430e-91a8-105f2de7ee48 |
| SCIP notification number (Sweden) | a420c231-65ec-4bbf-b858-673291b3552e |

Downloads

Environmental Product Compliance

Compliance Search

| | |
|--|-------------------|
| Environmental Product Compliance 789-810 | ↓ |
|--|-------------------|

Documentation

Bid Text

| | | | |
|---------|------------|-----------------|-------------------|
| 789-810 | 19.02.2019 | xml 4.73 KB | ↓ |
| 789-810 | 11.02.2015 | doc 26.50 KB | ↓ |

Instruction Leaflet

| | | | |
|---|-----------------------|-------------------|-------------------|
| Operation and Assembly Instructions Interface | V 1.0.0 02.04.2025 | pdf 1246.19 KB | ↓ |
|---|-----------------------|-------------------|-------------------|

CAD/CAE-Data

CAE data

| | |
|---------------------------|-------------------|
| EPLAN Data Portal 789-810 | ↓ |
| WSCAD Universe 789-810 | ↓ |

1 Compatible Products

1.1 Optional Accessories

1.1.1 Ferrule

1.1.1.1 Ferrule



Item No.: 216-301

Ferrule; Sleeve for 0.25 mm² / AWG 24; insulated; electro-tin plated; yellow



Item No.: 216-302

Ferrule; Sleeve for 0.34 mm² / 22 AWG; insulated; electro-tin plated; light turquoise



Item No.: 216-201

Ferrule; Sleeve for 0.5 mm² / 20 AWG; insulated; electro-tin plated; electrolytic copper; acc. to DIN 46228, Part 4/09.90; white



Item No.: 216-241

Ferrule; Sleeve for 0.5 mm² / 20 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; white



Item No.: 216-242

Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray



Item No.: 216-262

Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray



Item No.: 216-202

Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; gray



Item No.: 216-243

Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red



Item No.: 216-263

Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red



Item No.: 216-203

Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; red



Item No.: 216-204

Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; black



Item No.: 216-244

Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black



Item No.: 216-264

Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black



Item No.: 216-284

Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black

1.1.2 Tool

1.1.2.1 Operating tool



Item No.: 210-719

Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft



Item No.: 210-720

Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured