

Three-level initiator terminal, Screw connection, Mounting type: Mounting rail TS 35/7.5 and TS 32, Rated cross-section: 2.5 mm², Width: 5 mm, Colour: Beige

Business data

| | |
|--|--------------------------------|
| Article number | 1278.2 |
| Article name | IK 2,5 NPN/DC/LED(GN)/48V BG |
| GTIN (EAN) | 4044211038021 |
| Packaging unit | 100 |
| Quantity unit | PC |
| Weight per piece (not including packaging) | 10.2 g |
| Weight per piece (including packaging) | 11.06 g |
| Unit of weight | G |
| Customs number | 85369010 |
| Country of origin | BG |
| Product description | Three-level initiator terminal |
| Colour | Beige |

Technical data

Dimensions

| | |
|------------------|---------|
| Length | 62.8 mm |
| Width | 5 mm |
| Height TS 35/7.5 | 58.3 mm |
| Height TS 32 | 62.8 mm |

Ratings

| | |
|---|---------------------|
| Rated voltage | 250 V |
| Rated current | 24 A |
| Rated cross-section | 2.5 mm ² |
| Rated impulse voltage | 4 kV |
| Overvoltage category | III |
| Contamination degree | 3 |
| Maximum power dissipation for nominal condition | 2.3 W |

Connection data

| | |
|--|---------------------|
| Connection principle | Screw connection |
| Connection position | Lateral |
| Connections | 4 |
| Number of levels | 3 |
| Wire cross-section single-core (rigid) / stranded, min. | 0.2 mm ² |
| Wire cross-section single core (rigid)/stranded, max. | 4 mm ² |
| Wire cross-section stranded, min. | 0.2 mm ² |
| Wire cross-section stranded, max. | 4 mm ² |
| Wire cross-section stranded with wire-end ferrules, min. | 0.2 mm ² |
| Wire cross-section stranded with wire-end ferrules, max. | 2.5 mm ² |
| Wire cross-section AWG, min. | 22 |
| Wire cross-section AWG, max. | 14 |
| Stripping length | 7 mm |
| Screw head | Slotted |
| Screw threading | M 2,4 |
| Tightening torque, min. | 0.4 Nm |
| Tightening torque, max. | 0.8 Nm |

Technical data

Materials

| | |
|---------------------------|---------------|
| Insulation housing | Polyamide 6.6 |
| Flammability class UL 94 | V-2 |
| Working temperature, min. | -40 °C |
| Working temperature, max. | 105 °C |

Further technical data

| | |
|-------------------------------------|-----------------------------------|
| Mounting type | Mounting rail TS 35/7.5 and TS 32 |
| Gauge plug acc. to EN 60 947-1 | A3 |
| Number of cross-connection channels | 3 |
| End plate required | ✓ |
| Can be cross-connected | ✓ |
| Colour of lamp | Green |
| LED switching for | NPN |

Environmental Product Compliance

| | |
|--------------------------------|------------|
| REACH Conform | yes |
| REACH Reference date | 2023-01-17 |
| REACH Candidate Substance Note | No |
| RoHS Conform | yes |

Approvals

cUL Recognized

| | |
|--|--------------|
| cUL approval | C22.2 No 158 |
| cUL Usegroup B: rated voltage | 300 V |
| cUL Usegroup B: rated current | 20 A |
| cUL Usegroup C: rated voltage | 300 V |
| cUL Usegroup C: rated current | 20 A |
| cUL wire cross-section single-core (rigid) AWG, min. | 22 |
| cUL wire cross-section single-core (rigid) AWG, max. | 12 |
| cUL wire cross-section stranded AWG, min. | 22 |
| cUL wire cross-section stranded AWG, max. | 12 |
| cUL torque | 5.3 Nm |
| cUL wire material | Cu |
| cUL Recognized | 1 |

KEMA KEUR approval

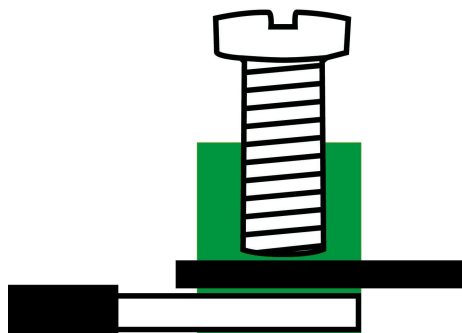
| | |
|---|---------------------|
| KEMA KEUR approval | EN 60947-7-1:2009 |
| KEMA KEUR approval granted | yes |
| KEMA rated voltage | 250 V |
| KEMA rated current | 24 A |
| KEMA rated impulse voltage | 4 kV |
| KEMA wire cross-section single core (rigid), min. | 0.2 mm ² |
| KEMA wire cross-section single-core (rigid), max. | 4 mm ² |
| KEMA wire cross-section stranded, min. | 0.2 mm ² |
| KEMA wire cross-section stranded, max. | 4 mm ² |
| KEMA torque, min. | 0.4 Nm |
| KEMA torque, max. | 0.8 Nm |

Approvals

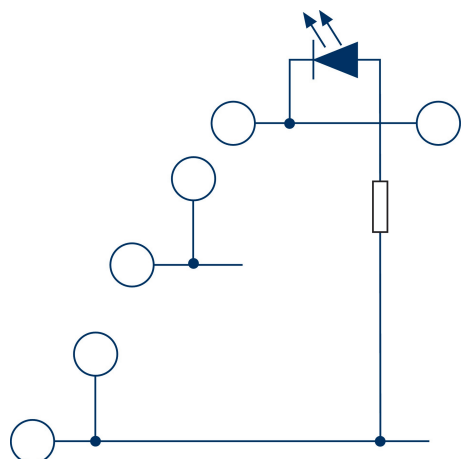
UL Recognized

| | |
|---|-----------|
| UL approval | UL 1059 |
| UL Usegroup B: rated voltage | 300 V |
| UL Usegroup B: rated current | 20 A |
| UL Usegroup C: rated voltage | 300 V |
| UL Usegroup C: rated current | 20 A |
| UL wire cross-section single-core (rigid) AWG, min. | 22 |
| UL wire cross-section single-core (rigid) AWG, max. | 12 |
| UL wire cross-section stranded AWG, min. | 22 |
| UL wire cross-section stranded AWG, max. | 12 |
| UL torque | 5.3 Lb In |
| UL wire material | Cu |
| UL factory wiring | 1 |
| UL field wiring | 1 |
| UL Recognized | 1 |

Media



M2.4



Accessories

End plate



End plate, Colour: Beige

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>2698.2</u> | AP 2,5/l BG | 4044211054373 | 20 |

Mounting screw



Mounting screw, M 2.5, Colour: natural

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>2326.0</u> | BS M 2,5x10 | 4044211051112 | 100 ST |

Cross-connector



Cross-connector, No. of poles: 20, Mounting type: Can be screwed on, Width: 100.9 mm, Rated cross-section: 2.5 mm², Colour: natural

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>2700.0</u> | Q 20 | 4044211054410 | 10 ST |



Cross-connector, No. of poles: 98, Mounting type: Screwable, Width: 500 mm, Rated cross-section: 2.5 mm², Colour: natural

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|-----------------|---------------|----------------|
| <u>2151.0</u> | Q 0,5 m/98 Pole | 4044211049720 | 1 ST |



Cross-connector, No. of poles: 10, Mounting type: Can be screwed on, Width: 49.9 mm, Rated cross-section: 2.5 mm², Colour: natural

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>2425.0</u> | Q 10 | 4044211052072 | 10 ST |

1278.2 IK 2,5 NPN/DC/LED(GN)/48V BG

Cross-connector



Cross-connector, No. of poles: 2, Mounting type: Can be screwed on, Width: 9.1 mm, Rated cross-section: 2.5 mm², Colour: natural

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>2422.0</u> | Q 2 | 4044211052041 | 50 ST |



Cross-connector, No. of poles: 3, Mounting type: Can be screwed on, Width: 14.2 mm, Rated cross-section: 2.5 mm², Colour: natural

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>2423.0</u> | Q 3 | 4044211052058 | 50 ST |



Cross-connector, No. of poles: 4, Mounting type: Can be screwed on, Width: 19.3 mm, Rated cross-section: 2.5 mm², Colour: natural

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>2424.0</u> | Q 4 | 4044211052065 | 20 ST |

Cross-connection rail



Cross-connection rail, No. of poles: 10, Mounting type: Can be screwed on, Width: 49.9 mm, Rated cross-section: 2.5 mm², Colour: natural

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>2420.0</u> | QS 10 | 4044211052027 | 10 ST |

Cross-connection rail, No. of poles: 98, Mounting type: Can be screwed on, Width: 500 mm, Rated cross-section: 2.5 mm², Colour: natural

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>2519.0</u> | QS 0,5 m | 4044211053215 | 1 ST |



Cross-connection rail, No. of poles: 4, Mounting type: Can be screwed on, Width: 19.3 mm, Rated cross-section: 2.5 mm², Colour: natural

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>2419.0</u> | QS 4 | 4044211052010 | 50 ST |

1278.2 IK 2,5 NPN/DC/LED(GN)/48V BG

Cross-connection rail

Cross-connection rail, No. of poles: 3, Mounting type: Can be screwed on, Width: 14.2 mm, Rated cross-section: 2.5 mm², Colour: natural



| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>2418.0</u> | QS 3 | 4044211052003 | 100 ST |

Cross-connection rail, No. of poles: 2, Mounting type: Can be screwed on, Width: 9.1 mm, Rated cross-section: 2.5 mm², Colour: natural



| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>2417.0</u> | QS 2 | 4044211051990 | 100 ST |

Quick marking



Terminal marker / Pocket Maxicard, Length: 5 mm, Width: 5 mm, Colour: White

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|----------------|---------------|----------------|
| <u>4600.7</u> | PMC SB 5/50 WH | 4044211088903 | 500 ST |

Screwdriver



Screwdriver with bare blade, Colour: Black-grey

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>1085.0</u> | SDB 0,5x3,0 | 4044211014643 | 1 ST |

Connecting sleeve



Connecting sleeve, Colour: natural

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>2327.0</u> | VH 5 | 4044211051129 | 100 ST |