

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                             | 1274.2                         |
| Article name                               | IK 2,5 PNP/DC/LED(GN)/60V BG   |
| GTIN (EAN)                                 | 4044211037628                  |
| 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                          |

## 1274.2 IK 2,5 PNP/DC/LED(GN)/60V BG

### 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 <sup>2</sup> |
| 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 <sup>2</sup> |
| Wire cross-section single core (rigid)/stranded, max.    | 4 mm <sup>2</sup>   |
| Wire cross-section stranded, min.                        | 0.2 mm <sup>2</sup> |
| Wire cross-section stranded, max.                        | 4 mm <sup>2</sup>   |
| Wire cross-section stranded with wire-end ferrules, min. | 0.2 mm <sup>2</sup> |
| Wire cross-section stranded with wire-end ferrules, max. | 2.5 mm <sup>2</sup> |
| 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              |

## 1274.2 IK 2,5 PNP/DC/LED(GN)/60V BG

### 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                   | PNP                               |

#### Environmental Product Compliance

|                                |            |
|--------------------------------|------------|
| REACH Conform                  | yes        |
| REACH Reference date           | 2023-06-14 |
| 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

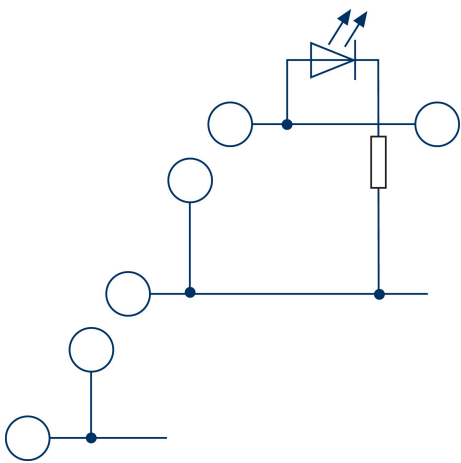
|   |                     |
|---|---------------------|
| KEMA KEUR approval                                | EN 60947-7-1:2009   |
| KEMA KEUR approval granted                        | yes                 |
| KEMA rated voltage                                | 250 V               |
| KEMA rated current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

### Approvals

#### UL Recognized

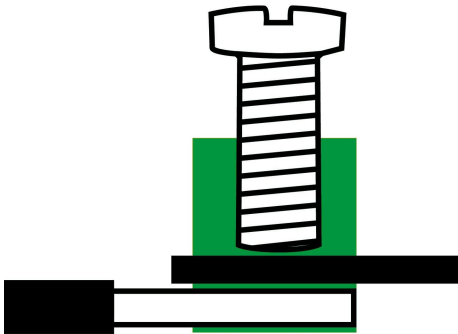
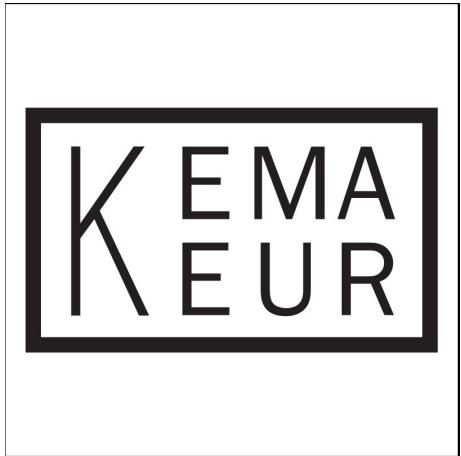
|   |           |
|---|-----------|
| UL approval   | UL 1059   |
| UL Usegroup B: rated voltage                        | 300 V     |
| UL Usegroup B: rated current                        | 20 A      |
| UL Usegroup C: rated voltage                        | 300 V     |
| UL Usegroup C: rated current                        | 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



**c**  **US**

**M2.4** 



### Accessories

#### End plate



End plate, Colour: Beige

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

## 1274.2 IK 2,5 PNP/DC/LED(GN)/60V BG

### Cross-connector



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

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



## 1274.2 IK 2,5 PNP/DC/LED(GN)/60V BG

### Cross-connection rail

Cross-connection rail, No. of poles: 4, Mounting type: Can be screwed on, Width: 19.3 mm, Rated cross-section: 2.5 mm<sup>2</sup>, Colour: natural



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

Cross-connection rail, No. of poles: 3, Mounting type: Can be screwed on, Width: 14.2 mm, Rated cross-section: 2.5 mm<sup>2</sup>, 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 mm<sup>2</sup>, 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

# Data sheet

## 1274.2 IK 2,5 PNP/DC/LED(GN)/60V BG



Connecting sleeve, Colour: natural



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