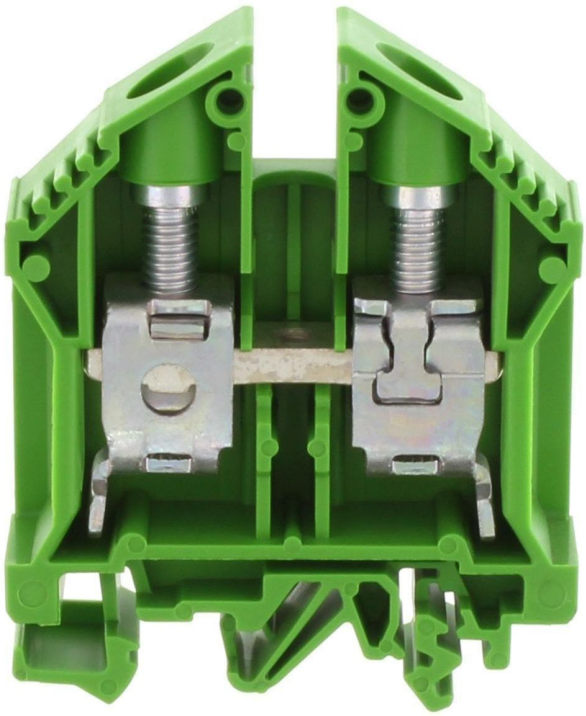
# Data sheet

## 1052.1 RK 35 GN



Feed-through terminal, Screw connection, Mounting type:Mounting rail TS 35/7.5 and TS 32, Rated cross-section: 35 mm², Width: 16 mm, Colour: Green

## Business data

| | |
|---|---|
| Article number | 1052.1 |
| Article name | RK 35 GN |
| GTIN (EAN) | 4044211010973 |
| Packaging unit | 20 |
| Quantity unit | PC |
| Weight per piece (not including packaging) | 57.4 g |
| Weight per piece (including packaging) | 60.25 g |
| Unit of weight | G |
| Customs number | 85369010 |
| Country of origin | CZ |
| Prio-Article | 1052.2 |
| Product description | Feed-through terminal |

# Data sheet

## 1052.1 RK 35 GN

## Technical data

| Dimensions | |
|---|---|
| Length | 58 mm |
| Width | 16 mm |
| Height TS 35/7.5 | 71.5 mm |
| Height TS 32 | 76 mm |

| Ratings | |
|---|---|
| Rated voltage | 800 V |
| Rated current | 125 A |
| Rated cross-section | 35 mm² |
| Rated impulse voltage | 8 kV |
| Overvoltage category | III |
| Contamination degree | 3 |
| Maximum power dissipation for nominal condition | 4 W |

# Data sheet

## 1052.1 RK 35 GN

## Technical data

### Connection data

| | |
|---|---|
| Connection principle | Screw connection |
| Connection position | Lateral |
| Connections | 2 |
| Number of terminals per level | 2 |
| Number of levels | 1 |
| Wire cross-section single-core (rigid) / stranded, min. | 2.5 mm² |
| Wire cross-section single core (rigid)/stranded, max. | 50 mm² |
| Wire cross-section stranded, min. | 2.5 mm² |
| Wire cross-section stranded, max. | 35 mm² |
| Wire cross-section stranded with wire-end ferrules,min. | 2.5 mm² |
| Wire cross-section stranded with wire-end ferrules,max. | 35 mm² |
| Wire cross-section AWG, min. | 12 |
| Wire cross-section AWG, max. | 2 |
| Stripping length | 20 mm |
| Screw head | Slotted |
| Screw threading | M 6 |
| Tightening torque, min. | 2.5 Nm |
| Tightening torque, max. | 5 Nm |
| Wire cross-section single-core (rigid) / stranded, AWGmax. | 2 |
| Wire cross-section single-core (rigid) / stranded, AWGmin. | 12 |
| Wire cross-section stranded, AWG max. | 2 |
| Wire cross-section stranded, AWG min. | 12 |
| Wire cross-section stranded with wire-end ferrules, AWG min. | 12 |

### Materials

| | |
|---|---|
| Insulation housing | Polyamide 6.6, 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 | B9 |
| Number of cross-connection channels | 1 |
| End plate required | ✓ |

## Technical data

| Environmental Product Compliance | |
|---|---|
| REACH Conform | yes |
| REACH Reference date | 2022-06-10 |
| REACH Candidate Substance Note | No |
| RoHS Conform | yes |

## Approvals

| Standards and regulations | |
|---|---|
| EAC approval | TR ZU 004/2011 |
| EAC approval granted | yes |

| CSA approval | |
|---|---|
| CSA approval | C22.2 No 158 |
| CSA approval granted | yes |
| CSA Usegroup C: rated voltage | 600 V |
| CSA Usegroup C: rated current | 100 A |
| CSA wire cross-section AWG, min. | 12 |
| CSA wire cross-section AWG, max. | 2 |
| CSA stripping length | 20 mm |
| CSA torque, max. | 5 Nm |
| CSA torque, min. | 2.5 Nm |
| CSA File Number | 042110_0_000 |

| German Lloyd approval | |
|---|---|
| GL approval | IEC 60947-7-1:2002 |
| GL approval granted | yes |
| GL rated voltage | 750 V |
| GL rated current | 135 A |
| GL rated cross-section | 35 mm² |
| GL environmental category | C |
| DNV GL Certificate number | TAE000014T |
| DNV GL Location Classes | Temperature: B, Humidity: B, Vibration: A |
| DNV GL approval granted | 1 |
| DNV GL rated cross-section | 35 mm² |
| DNV GL rated current | 135 A |
| DNV GL rated voltage | 750 V |
| DNV GL test standard | IEC 60947-7-1:2002 |

## Approvals

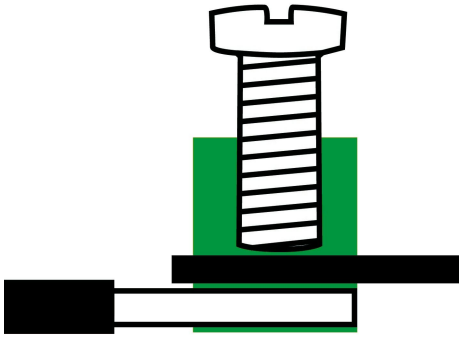
### KEMA KEUR approval

| | |
|---|---|
| KEMA KEUR approval | EN 60947-7-1:2009 |
| KEMA KEUR approval granted | yes |
| KEMA rated voltage | 800 V |
| KEMA rated current | 125 A |
| KEMA rated impulse voltage | 8 kV |
| KEMA wire cross-section single core (rigid), min. | 2.5 mm² |
| KEMA wire cross-section single-core (rigid), max. | 50 mm² |
| KEMA wire cross-section stranded, min. | 2.5 mm² |
| KEMA wire cross-section stranded, max. | 35 mm² |

### UL Recognized

| | |
|---|---|
| UL approval | UL 1059 |
| UL Usegroup C: rated voltage | 600 V |
| UL Usegroup C: rated current | 110 A |
| UL wire cross-section single-core (rigid) AWG, min. | 12 |
| UL wire cross-section single-core (rigid) AWG, max. | 2 |
| UL wire cross-section stranded AWG, min. | 12 |
| UL wire cross-section stranded AWG, max. | 2 |
| UL torque | 22 Lb In |
| UL wire material | Cu |
| UL factory wiring | 1 |
| UL field wiring | 1 |
| UL File Number | E95701 |
| UL Recognized | 1 |

## Media



## Accessories

### Cover

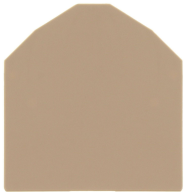
Cover, Length: 38 mm, Width: 12.9 mm, Colour: Yellow

| Article number | Article name | GTIN (EAN) | Packaging unit |
|---|---|---|---|
| 2820.0 | AD 1/16/B YE | 4044211055462 | 20 ST |

Cover, Length: 37.3 mm, Width: 16 mm, Colour: White

| Article number | Article name | GTIN (EAN) | Packaging unit |
|---|---|---|---|
| 2970.0 | AD 1/16 WH | 4044211056995 | 20 ST |

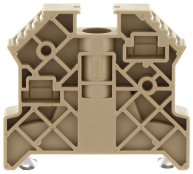
### End plate



End plate, Width: 1.5 mm, Colour: Beige

| Article number | Article name | GTIN (EAN) | Packaging unit |
|---|---|---|---|
| 2116.2 | AP 35 BG | 4044211049317 | 20 |

### End stop



End stop, Mounting type: Mounting rail TS 35/7.5, Width: 9.5 mm, Colour: Beige

| Article number | Article name | GTIN (EAN) | Packaging unit |
|---|---|---|---|
| 2828.0 | ES 35/K/ST BG | 4044211055547 | 50 |

### Cross-connector

Cross-connector, No. of poles: 10, Mounting type: Can be screwed on, Width: 153 mm, Rated cross-section: 35 mm², Colour: natural

| Article number | Article name | GTIN (EAN) | Packaging unit |
|---|---|---|---|
| 2167.0 | Q 10 | 4044211049898 | 10 ST |

# Data sheet

## 1052.1 RK 35 GN

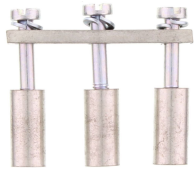
### Cross-connector

Cross-connector, No. of poles: 2, Mounting type: Can be screwed on, Width: 25 mm, Rated cross-section: 35 mm², Colour: natural

| Article number | Article name | GTIN (EAN) | Packaging unit |
|---|---|---|---|
| 2164.0 | Q 2 | 4044211049867 | 20 ST |

Cross-connector, No. of poles: 4, Mounting type: Can be screwed on, Width: 57 mm, Rated cross-section: 35 mm², Colour: natural

| Article number | Article name | GTIN (EAN) | Packaging unit |
|---|---|---|---|
| 2166.0 | Q 4 | 4044211049881 | 10 ST |



Cross-connector, No. of poles: 3, Mounting type: Can be screwed on, Width: 41 mm, Rated cross-section: 35 mm², Colour: natural

| Article number | Article name | GTIN (EAN) | Packaging unit |
|---|---|---|---|
| 2165.0 | Q 3 | 4044211049874 | 20 ST |

### Quick marking



Terminal marker / Pocket Maxicard, Length: 5 mm, Width: 6 mm, Colour: White

| Article number | Article name | GTIN (EAN) | Packaging unit |
|---|---|---|---|
| 4702.7 | PMC SB 6/50 WH | 4044211089986 | 500 ST |

### Screwdriver

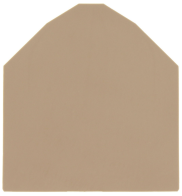
Screwdriver with bare blade, Colour: Black-grey

| Article number | Article name | GTIN (EAN) | Packaging unit |
|---|---|---|---|
| 1088.0 | SDB 1,2x6,5 | 4044211014810 | 1 ST |

### Partition plate

# Data sheet

## 1052.1 RK 35 GN



Partition plate, Width: 1.5 mm, Colour: Beige

| Article number | Article name | GTIN (EAN) | Packaging unit |
|---|---|---|---|
| 2117.2 | TW 35 BG | 4044211049355 | 20 |