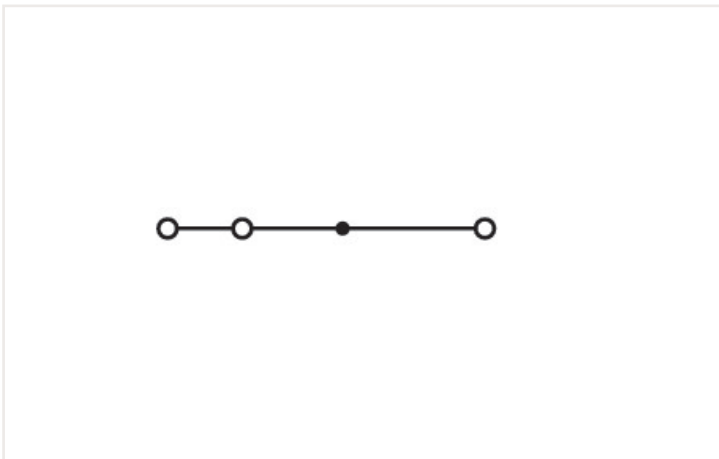
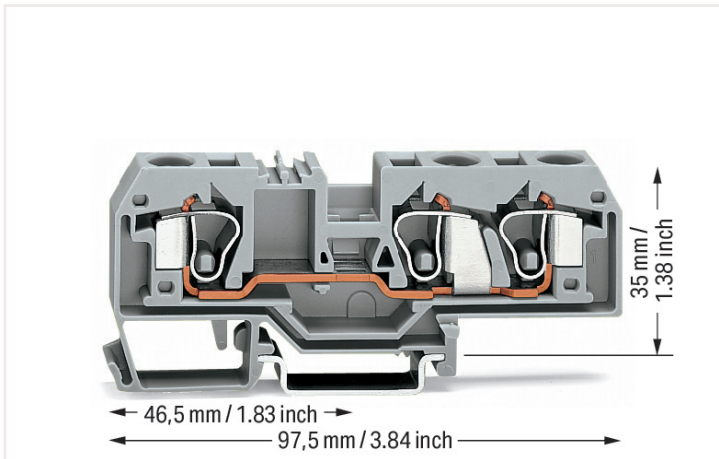


Data sheet | Item number: 284-681

3-conductor through terminal block; 10 mm²; center marking; for DIN-rail 35 x 15 and 35 x 7.5; CAGE CLAMP®; 10,00 mm²; gray

<https://www.wago.com/284-681>



Electrical data

Ratings per IEC/EN

| | |
|-------------------------------|---|
| Ratings per | IEC/EN 60947-7-1 |
| Nominal voltage (III/3) | 800 V |
| Rated impulse voltage (III/3) | 8 kV |
| Rated current | 57 A |
| Legend (ratings) | (III / 3) ≙ Overvoltage category III / Pollution degree 3 |

Power loss

| | |
|--|-----------|
| Power loss, per pole (potential) | 1.8194 W |
| Rated current I_N for specified power loss | 57 A |
| Resistance value for specified, current-dependent power loss | 0.00056 Ω |

Connection data

| | |
|-----------------------------------|---|
| Total number of connection points | 3 |
| Total number of potentials | 1 |
| Number of levels | 1 |

Connection 1

| | |
|---------------------------------|---|
| Connection technology | CAGE CLAMP® |
| Actuation type | Operating tool |
| Connectable conductor materials | Copper |
| Solid conductor | 0.2 ... 10 mm ² / 24 ... 8 AWG |
| Fine-stranded conductor | 0.2 ... 10 mm ² / 24 ... 8 AWG |
| Strip length | 12 ... 13 mm / 0.47 ... 0.51 inches |
| Wiring direction | Front-entry wiring |

Physical data

| | |
|-----------------------------------|------------------------|
| Width | 10 mm / 0.394 inches |
| Height | 97.5 mm / 3.839 inches |
| Depth from upper-edge of DIN-rail | 35 mm / 1.378 inches |

Mechanical data

| | |
|---------------|----------------|
| Mounting type | DIN-35 rail |
| Marking level | Center marking |

Material data

| | |
|-----------------------------|--|
| Note (material data) | Information on material data can be found here |
| Color | gray |
| Material group | I |
| Insulation material | Polyamide (PA66) |
| Flammability class per UL94 | V0 |
| Fire load | 0.435 MJ |
| Weight | 32 g |

Environmental requirements

| | |
|----------------------------------|-----------------|
| Processing temperature | -35 ... +85 °C |
| Continuous operating temperature | -60 ... +105 °C |

Commercial data

| | |
|-------------------------------------|----------------------------------|
| Product Group | 1 (Rail Mounted Terminal Blocks) |
| eCl@ss 10.0 | 27-14-11-20 |
| eCl@ss 9.0 | 27-14-11-20 |
| ETIM 8.0 | EC000897 |
| ETIM 7.0 | EC000897 |
| PU (SPU) | 25 Stück |
| Packaging type | Box |
| Country of origin VKOrg Germany | DE |
| GTIN | 4044918447379 |
| Customs tariff number VKOrg Germany | 85369010000 |

Approvals and certificates

Country specific Approvals



| Approval | Standard | Certificate name |
|---------------------------------------|----------|------------------|
| CCA DEKRA Certification B.V. | EN 60947 | NTR NL-7379 |
| CSA CSA Group | C22.2 | 1536073 |
| KEMA/KEUR DEKRA Certification B.V. | EN 60947 | 2178517.01 |

Ship Approvals



| Approval | Standard | Certificate name |
|---|----------|------------------|
| ABS American Bureau of Ship- ping | EN 60947 | 20-HG1941090-PDA |
| DNV GL Det Norske Veritas, Ger- manischer Lloyd | - | TAE00001V2 |

UL-Approvals



| Approval | Standard | Certificate name |
|--|----------|------------------|
| UL UL International Germany GmbH | UL 1059 | E45172 |

1 Compatible products

1.1 Required accessories

1.1.1 End plate

1.1.1.1 End plate



Item no.: 284-308
End and intermediate plate; 2.5 mm thick; gray



Item no.: 284-339
End and intermediate plate; 2.5 mm thick; orange



Item no.: 284-309
Separator plate; 2 mm thick; oversized; gray



Item no.: 284-340
Separator plate; 2 mm thick; oversized; orange



Item no.: 284-358
Step-down cover plate; 1 mm thick; for 3-conductor 284-681 terminal blocks; gray



Item no.: 284-368
Step-down cover plate; 1 mm thick; for 3-conductor 284-681 terminal blocks; orange