

# Connection, on rear, 13mm, 3p

**Part no.** NZM3-XKR13
**Article no.** 281668

Similar to illustration

## Delivery programme

| | | | |
|---|---|---|---|
| Ordering information | | | When ordering separately |
| Product range | | | 60 mm system |
| Basic function | | | Connection block for component adapters |
| Accessories | | | Connection block |
| Number of poles | | | 3 pole |
| Number of conductors | | | 3 pole |
| | | | for NZM3 component adapter |
| Rated operational current | $I_e$ | A | 630 |
| Cu factor | | kg | 0,00 |
| For use with | | | NZM3,<br>PN3,<br>N(S)3 |
| Rated operational voltage | $U_e$ | V | 630 |
| **Terminal capacities** | | | |
| Type of conductor | | | |
| Cu/Al cable | | | Copper cables<br>Cu cable |

**Notes**

Required for component adapters and switches with connection on rear; see device adapters 104555 and 104556 for an example.

O = Mounted on top

U = Fitted at the bottom

## Design verification as per IEC/EN 61439

| | |
|---|---|
| IEC/EN 61439 design verification | |
| 10.2 Strength of materials and parts | |
| 10.2.2 Corrosion resistance | Meets the product standard's requirements. |
| 10.2.3.1 Verification of thermal stability of enclosures | Meets the product standard's requirements. |
| 10.2.3.2 Verification of resistance of insulating materials to normal heat | Meets the product standard's requirements. |
| 10.2.3.3 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effects | Meets the product standard's requirements. |
| 10.2.4 Resistance to ultra-violet (UV) radiation | Meets the product standard's requirements. |
| 10.2.5 Lifting | Does not apply, since the entire switchgear needs to be evaluated. |
| 10.2.6 Mechanical impact | Does not apply, since the entire switchgear needs to be evaluated. |
| 10.2.7 Inscriptions | Meets the product standard's requirements. |
| 10.3 Degree of protection of ASSEMBLIES | Does not apply, since the entire switchgear needs to be evaluated. |
| 10.4 Clearances and creepage distances | Meets the product standard's requirements. |
| 10.5 Protection against electric shock | Does not apply, since the entire switchgear needs to be evaluated. |
| 10.6 Incorporation of switching devices and components | Does not apply, since the entire switchgear needs to be evaluated. |
| 10.7 Internal electrical circuits and connections | Is the panel builder's responsibility. |
| 10.8 Connections for external conductors | Is the panel builder's responsibility. |
| 10.9 Insulation properties | |
| 10.9.2 Power-frequency electric strength | Is the panel builder's responsibility. |
| 10.9.3 Impulse withstand voltage | Is the panel builder's responsibility. |
| 10.9.4 Testing of enclosures made of insulating material | Is the panel builder's responsibility. |
| 10.10 Temperature rise | The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices. |
| 10.11 Short-circuit rating | Is the panel builder's responsibility. The specifications for the switchgear must be observed. |

| | | |
|---|---|---|
| 10.12 Electromagnetic compatibility | | Is the panel builder's responsibility. The specifications for the switchgear must be observed. |
| 10.13 Mechanical function | | The device meets the requirements, provided the information in the instruction leaflet (IL) is observed. |

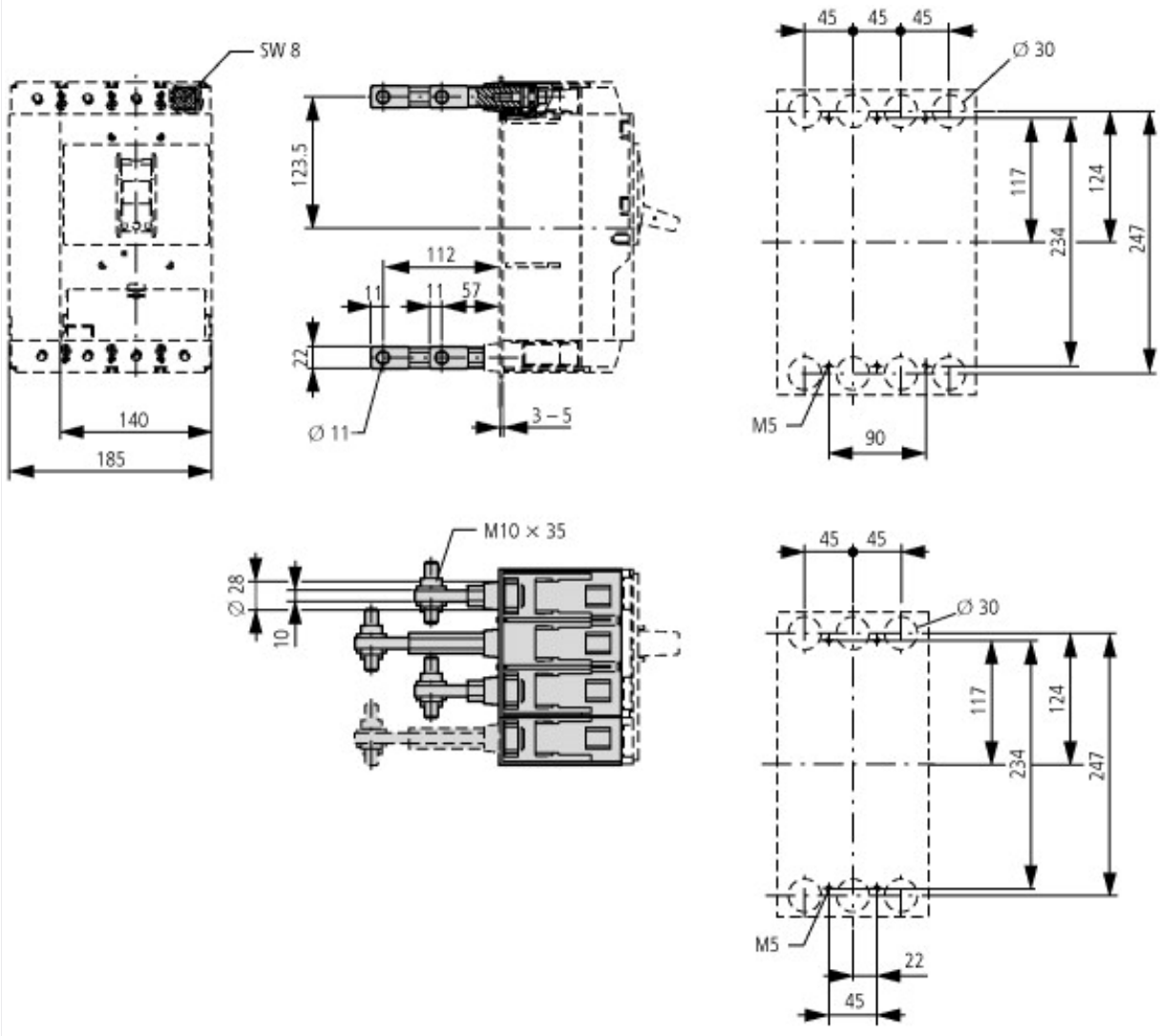
## Technical data ETIM 6.0

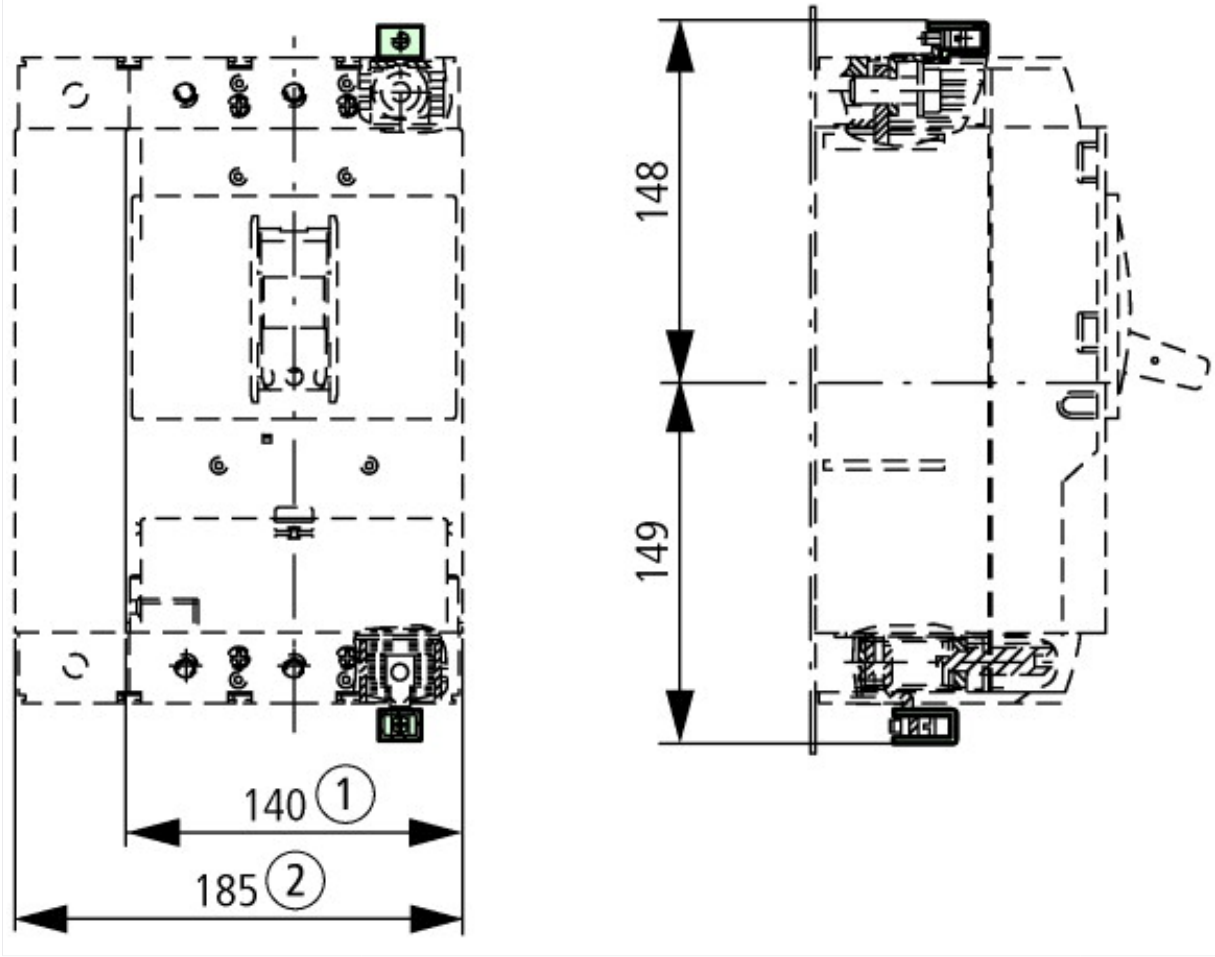
| | | |
|---|---|---|
| Low-voltage industrial components (EG000017) / Wiring set for power circuit breaker (EC002050) | | |
| Electric engineering, automation, process control engineering / Low-voltage switch technology / Circuit breaker (LV < 1 kV) / Wiring set for circuit breaker (ecl@ss8.1-27-37-04-24 [ACN957008]) | | |
| Suitable for number of poles | | 3 |
| Model | | - |

## Approvals

| | | |
|---|---|---|
| Product Standards | | UL489; CSA-C22.2 No. 5-09; IEC60947-2, CE marking |
| UL File No. | | E31593 |
| UL Category Control No. | | DIVQ |
| CSA File No. | | 022086 |
| CSA Class No. | | 1432-01 |
| North America Certification | | UL listed, CSA certified |
| Specially designed for North America | | Yes |
| Suitable for | | Feeder circuits, branch circuits |
| Current Limiting Circuit-Breaker | | Yes |
| Max. Voltage Rating | | 480Y/277 V |
| Degree of Protection | | IEC: IP20; UL/CSA Type: - |

## Dimensions







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