# Product Data Sheet
# GW70902NM
## 70 RT HP Range



70 RT HP is a complete offer of rotary isolator switches from 16 A to 160 A, available in boxes both in insulating material and aluminium, in control or emergency versions, compatible with the main applications for residential, tertiary and industrial contexts.
DC versions for photovoltaic applications are also available from 16 A to 40 A in insulating box.
The series is completed with versions for board from 16 A to 1000 A and for DIN rail fixing from 16 A to 63 A, which can be equipped with auxiliary contacts.
The devices have been designed to reduce wiring time, facilitate installation and guarantee the maximum safety and robustness even in the most demanding conditions.

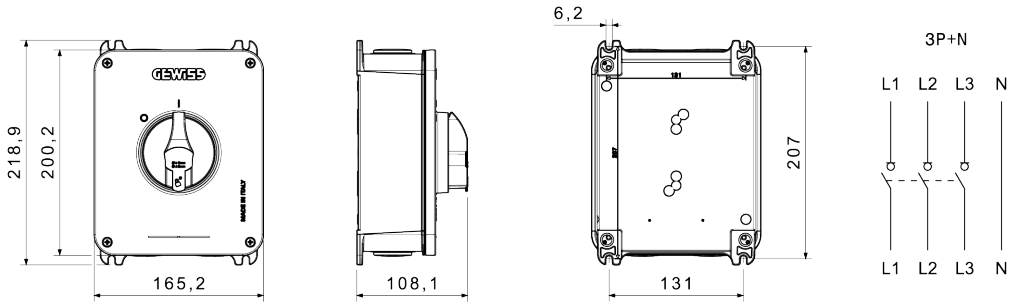
| **ELECTRICAL CHARACTERISTICS** | - |
|---|---|
| Circuit breaker | Rotary isolator |
| Rated current (A) | 40 |
| No. of poles | 3P+N |
| Rated insulation voltage Ui (Vac) | 690 |
| Rated operational current AC-21A (415 V) (A) | 40 |
| Rated operational current AC-22A (415 V) (A) | 40 |
| Rated operational current AC-23A (415 V) (A) | 40 |
| Conditional short circuit current Icc (415 V) (kA) | 10 |
| Cable section | 1-16 mm² |
| **ACCESSORIES** | - |
| Type of accessory | Max. 2 auxiliary contacts (1 per side) |

| **FUNCTIONAL CHARACTERISTICS** | - |
|---|---|
| Version | Enclosed |
| Material | Aluminium |
| Type | Control |
| Knob colour | Black |
| Lockable | Yes (max. 3 padlocks in ON and OFF) |
| IP degree | IP66/IP69 |
| Mechanical resistance | IK11 (enclosure); IK08 (knob) |
| Operating temperature | -25 +60 °C |
| Cable entries on top | 2 x M25 + 2 x M16 max drilling points (E) |
| Cable entries on bottom | 2 x M25 + 2 x M16 max drilling points (E) |
| Cable entries on back | 2 x M25 max drilling points |

**BEHAVIOUR WITH CHEMICAL AND ATMOSPHERIC AGENTS**

| Saline solution | Acids | | Bases | | Solvents | | | | Mineral oil | UV rays |
|---|---|---|---|---|---|---|---|---|---|---|
| | Concentrated | Diluited | Concentrated | Diluited | Hexane | Benzol | Acetone | Ethyl alcohol | | |
| Resistant | Limited resistance | Limited resistance | Limited resistance | Limited resistance | Resistant | Resistant | Resistant | Resistant | Resistant | Resistant |

## DIMENSIONAL




## TECHNICAL SYMBOLOGY

**IP**
IP66/IP69

**IK**
IK11 (enclosure); IK08 (knob)

## STANDARDS/APPROVALS

CE UKCA Reach Declaration

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