



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.

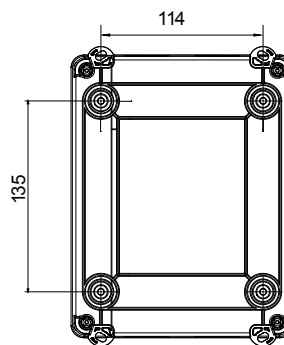
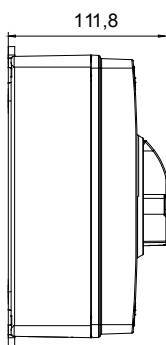
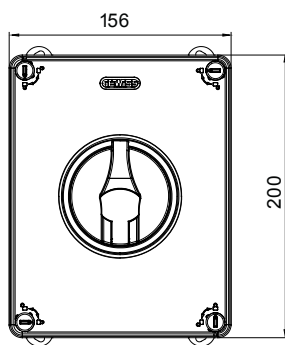
#### ELECTRICAL CHARACTERISTICS

|                                                         | Rotary isolator                        | Version                             | Enclosed                  |
|---------------------------------------------------------|----------------------------------------|-------------------------------------|---------------------------|
| Circuit breaker                                         |                                        |                                     |                           |
| Rated current (A)                                       | 63                                     | Material                            | Insulating                |
| No. of poles                                            | 3P+N                                   | Type                                | For emergency             |
| Rated insulation voltage $U_i$ (Vac)                    | 690                                    | Knob colour                         | Red                       |
| Rated operational current AC-21A (415 V) (A)            | 63                                     | Lockable                            | YES (max. 3 locks in OFF) |
| Rated operational current AC-22A (415 V) (A)            | 63                                     | IP degree                           | IP66/IP67/IP69            |
| Rated operational current AC-23A (415 V) (A)            | 63                                     | Mechanical resistance               | IK08                      |
| Conditional short circuit current $I_{cc}$ (415 V) (kA) | 6                                      | Protection against indirect contact | Double insulation         |
| Cable section                                           | 2,5-25 mm <sup>2</sup>                 | Operating temperature               | -25 +60 °C                |
| <b>ACCESSORIES</b>                                      |                                        |                                     |                           |
| Type of accessory                                       | Max. 2 auxiliary contacts (1 per side) | Cable entries on top                | 2 x M25/M32 knock-outs    |
|                                                         |                                        | Cable entries on bottom             | 2 x M25/M32 knock-outs    |

#### BEHAVIOUR WITH CHEMICAL AND ATMOSPHERIC AGENTS

| Saline solution | Acids              |           | Bases         |                    | Solvents           |               |               |                    | Mineral oil | UV rays   |
|-----------------|--------------------|-----------|---------------|--------------------|--------------------|---------------|---------------|--------------------|-------------|-----------|
|                 | Concentrated       | Diluted   | Concentrated  | Diluted            | Hexane             | Benzol        | Acetone       | Ethyl alcohol      |             |           |
| Resistant       | Limited resistance | Resistant | Not resistant | Limited resistance | Limited resistance | Not resistant | Not resistant | Limited resistance | Resistant   | Resistant |

#### DIMENSIONAL



#### TECHNICAL SYMBOLOGY

IP

IK

IP66/IP67/IP69

IK08

#### STANDARDS/APPROVALS

