

Product Data Sheet

GW70320M

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.

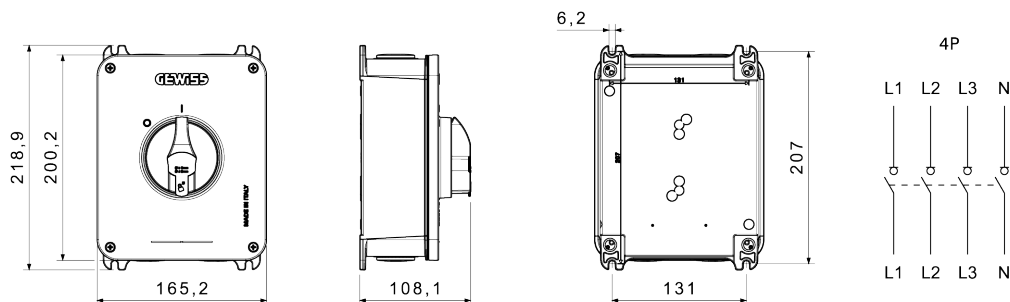
ELECTRICAL CHARACTERISTICS

ELECTRICAL CHARACTERISTICS		- FUNCTIONAL CHARACTERISTICS		-
Circuit breaker	Rotary isolator	Version		Enclosed
Rated current (A)	80	Material		Aluminium
No. of poles	4P	Type		Control
Rated insulation voltage U_i (Vac)	690	Knob colour		Black
Rated operational current AC-21A (415 V) (A)	80	Lockable	Yes (max. 3 padlocks in ON and OFF)	
Rated operational current AC-22A (415 V) (A)	80	IP degree		IP66/IP69
Rated operational current AC-23A (415 V) (A)	80	Mechanical resistance	IK11 (enclosure); IK08 (knob)	
Conditional short circuit current I_{cc} (415 V) (kA)	6	Operating temperature		-25 +60 °C
Cable section	2.5-25 mm ²	Cable entries on top	2 x M32 + 2 x M16 max drilling points (E)	
ACCESSORIES		- Cable entries on bottom	2 x M32 + 2 x M16 max drilling points (E)	
Type of accessory	Max. 2 auxiliary contacts (1 per side)	Cable entries on back	2 x M32 max drilling points	

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	Limited resistance	Limited resistance	Limited resistance	Resistant	Resistant	Resistant	Resistant	Resistant	Resistant

DIMENSIONAL



TECHNICAL SYMBOLOGY

IP

IK

IP66/IP69

IK11 (enclosure);
IK08 (knob)

STANDARDS/APPROVALS



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Last update 21/10/2026

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