



70 RT HP is a comprehensive range of 16A to 160A rotary isolator switches available in enclosures made from both insulating materials and aluminium. Provided in control or emergency versions, they are compatible with the main applications for residential, commercial and industrial contexts. DC versions are available, suitable also for photovoltaic applications, ranging from 16 A to 32 A, in an insulating enclosure. The series is completed with versions for board from 16A to 1000A and for DIN rail fixing from 16 A to 6 3A, which can be equipped with auxiliary contacts. The devices have been designed to reduce wiring time, facilitate installation and ensure the maximum safety and robustness even in the most demanding conditions.

#### ELECTRICAL CHARACTERISTICS

Circuit breaker	Rotary isolator	-	<b>CABLE ENTRIES</b>	-
Rated current (A)	16	Cable entries on top	2 x Ø12/20/25 knock-outs	
No. of poles	4P	Cable entries on bottom	2 x Ø12/20/25 knock-outs	
Rated insulation voltage Ui (Vdc)	1500			
Operating temperature	-25 +60 °C			
Cable section	4 -10 mm <sup>2</sup>			

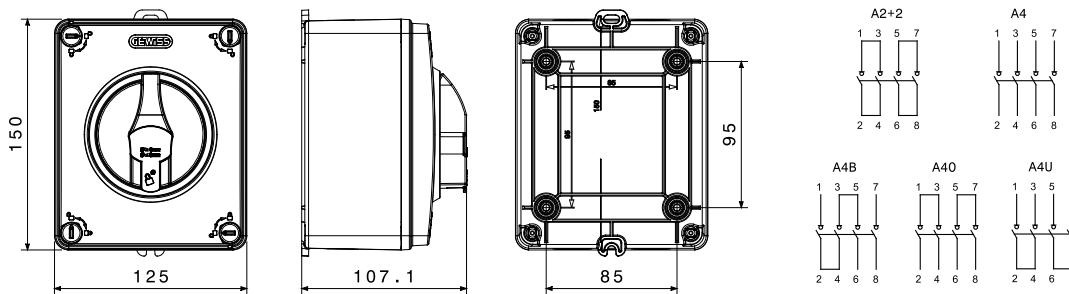
#### FUNCTIONAL CHARACTERISTICS

Version	Enclosed for direct current			
Material	Insulating			
Type	Control			
Knob colour	Black			
Lockable	Yes (max. 3 padlocks in ON and OFF)			
IP degree	IP66/IP67/IP69			
Mechanical resistance	IK08			
Protection against indirect contact	Double insulation			
Compatibility with MC4 connectors for photovoltaic appl. Yes (Ø 12 mm 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



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