



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	-	CABLE ENTRIES	-
Rated current (A)	32		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		RATED OPERATIONAL CURRENT DC-PV2 / DC-21B @ Ue = 600 Vdc	le (A)
Operating temperature	-25 +60 °C		Configuration A2+2 (Ue = 600 Vdc)	55
Cable section	4 -10 mm ²		Configuration A4 (Ue = 600 Vcc)	32
-	-		Configuration A4B/A4O/A4U (Ue = 600 Vdc)	32

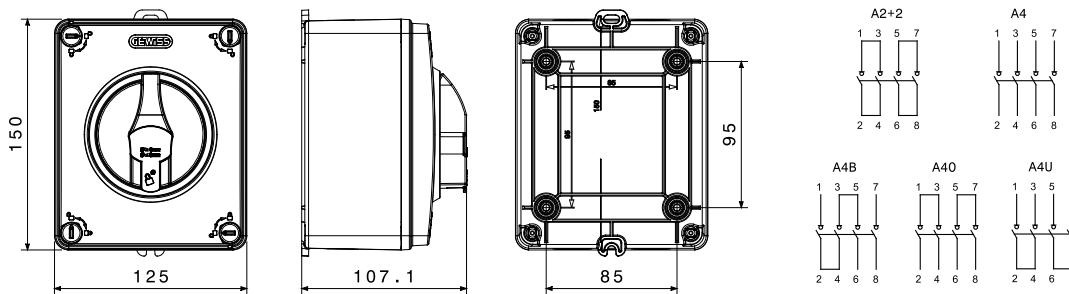
FUNCTIONAL CHARACTERISTICS

Version	Enclosed for direct current		RATED OPERATIONAL CURRENT DC-PV2 / DC-21B @ Ue = 1200 Vdc	le (A)
Material	Insulating		Configuration A2+2 (Ue = 1200 Vdc)	13
Type	Control		Configuration A4 (Ue = 1200 Vdc)	13
Knob colour	Black		Configuration A4B/A4O/A4U (Ue = 1200 Vdc)	32
Lockable	Yes (max. 3 padlocks in ON and OFF)		-	-
IP degree	IP66/IP67/IP69		RATED OPERATIONAL CURRENT DC-PV2 / DC-21B @ Ue = 1500 Vdc	le (A)
Mechanical resistance	IK08		Configuration A2+2 (Ue = 1500 Vdc)	6
Protection against indirect contact	Double insulation		Configuration A4 (Ue = 1500 Vdc)	5
Compatibility with MC4 connectors for photovoltaic appl. Yes (Ø 12 mm knock-outs)			Configuration A4B/A4O/A4U (Ue = 1500 Vdc)	23

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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Last update 19/05/2026

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