Product Data Sheet

GW70253

70 RT HP Range



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.

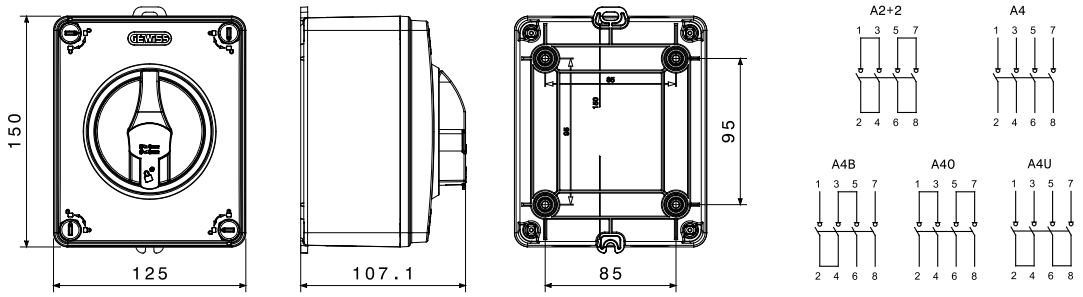
ELECTRICAL CHARACTERISTICS	-
Circuit breaker	Rotary isolator
Rated current (A)	16
No. of poles	4P
Rated insulation voltage Ui (Vdc)	1500
Operating temperature	-25 +60 °C
Cable section	4 -10 mm²
-	-
FUNCTIONAL CHARACTERISTICS	-
Version	Enclosed for direct current
Material	Insulating
Type	Control
Knob 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)

CABLE ENTRIES	-
Cable entries on top	2 x Ø12/20/25 knock-outs
Cable entries on bottom	2 x Ø12/20/25 knock-outs
-	-
RATED OPERATIONAL CURRENT DC-PV2 / DC-21B @ Ue = 600 Vdc	Ie (A)
Configuration A2+2 (Ue = 600 Vdc)	29
Configuration A4 (Ue = 600 Vcc)	16
Configuration A4B/A4O/A4U (Ue = 600 Vdc)	16
-	-
RATED OPERATIONAL CURRENT DC-PV2 / DC-21B @ Ue = 1200 Vdc	Ie (A)
Configuration A2+2 (Ue = 1200 Vdc)	9
Configuration A4 (Ue = 1200 Vdc)	9
Configuration A4B/A4O/A4U (Ue = 1200 Vdc)	16
-	-
RATED OPERATIONAL CURRENT DC-PV2 / DC-21B @ Ue = 1500 Vdc	Ie (A)
Configuration A2+2 (Ue = 1500 Vdc)	3
Configuration A4 (Ue = 1500 Vdc)	3
Configuration A4B/A4O/A4U (Ue = 1500 Vdc)	16

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	Resistant	Not resistant	Limited resistance	Limited resistance	Not resistant	Not resistant	Limited resistance	Resistant	Resistant

DIMENSIONAL



TECHNICAL SYMBOLOGY

IP IP66/IP67/IP69

IK IK08

STANDARDS/APPROVALS

CE UK CA

GEWISS S.p.A. Via A. Volta, 1
24069 Cenate Sotto - Bergamo - Italy
tel. +39 035 94 61 11 fax +39 035 94 69 09
Company subject to the management and coordination of Polifin S.p.A.

www.gewiss.com
sat@gewiss.com
Last update 21/10/2026

Data, measures, designs and pictures are shown only as informative purposes, and could be changed without previous notice