Product Data Sheet

GW70425NP

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	-
Circuit breaker	Rotary isolator
Rated current (A)	160
No. of poles	3P+N
Rated insulation voltage Ui (Vac)	1000
Rated operational current AC-21A (415 V) (A)	160
Rated operational current AC-22A (415 V) (A)	125
Rated operational current AC-23A (415 V) (A)	125
Conditional short circuit current Icc (415 V) (kA)	10
Cable section	4-70 mm²
ACCESSORIES	-
Type of accessory	Max. 4 auxiliary contacts (2 per side)

FUNCTIONAL CHARACTERISTICS	-
Version	Enclosed
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
Operating temperature	-25 +60 °C
Cable entries on top	-
Cable entries on bottom	-

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 UKCA Reach Declaration

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
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