

Product No: OT160G03K

ABB SWITCH-DISCONNECTOR OT160G03K

FEATURES

- Door interlock in I-ON position.
- DIN slot fit.
- Degree of protection: Handle - IP20.



General Information

Brand	ABB
Product Type	Fuse Switch - BS Type

Technical Attributes

Clamp Type	Screw Terminals
Conventional Free-Air Thermal Current - I _{th} (A)	Θ = 40 °C 160 A
Conventional Thermal Current - I _{the} (A)	Fully Enclosed 160 A
Mechanical Durability	20000
No. of Poles	3
Power Loss (W)	at Rated Operating Conditions per Pole 6.5 W
Rated Conditional Short-Circuit Current - I _{nc} (kA)	(200 A fuse, 500 V) 100 kA (200 A fuse, 690 V) 50 kA
Rated Current (A)	125 A
Rated Impulse Withstand Voltage (kV)	12
Rated Insulation Voltage	acc. to IEC/EN 60664-1 1000 V
Rated Making Capacity AC-3	(690 V) 12 kA
Rated Operational Current AC-22A (A)	(380 ... 415 V) 160 A (500 V) 160 A (690 V) 160 A
Rated Operational Current AC-23A (A)	(380 ... 415 V) 160 A (500 V) 160 A (690 V) 160 A
Rated Operational Current AC-21A (A)	(380 ... 415 V) 160 A (500 V) 160 A

(690 V) 160 A

Rated Operational Power AC-23A (kW)	(220 ... 240 V) 45 kW (400 ... 415 V) 75 kW (500 V) 90 kW (690 V) 132 kW
Rated Operational Voltage AC (V)	Main Circuit 1000 V
Rated Short-time Withstand Current Low Voltage - I _{cw} (A)	for 1 s 4 kA
Special Functions	No
Tightening Torque (Nm)	acc. IEC 60947-1 6 Nm

Physical Attributes

Handle Type	Direct mounted pistol type handle
Lock Type	Yes

Dimensions

Cable Cross Section (mm ²)	Cu 10 ... 70 mm ²
Dimensions (mm)	130 * 123 * 73 [H*W*D]

Protection & Standards

Degree of Protection	Front IP20
Pollution Degree	3
Standards	IEC 60947-3 / UL 98 / CSA C22.2 NO.4