

Product No: OT25F4N2

ABB LOAD BREAK SWITCH OT25F4N2



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 32 A
Conventional Thermal Current - I _{the} (A)	Fully Enclosed 32 A
Mechanical Durability	acc. to IEC/EN 60664-1 750 V
No. of Poles	4
Operating Mechanism	Front operated
Position of Line Terminals	Top In - Bottom Out Bottom In - Top Out
Power Loss (W)	at Rated Operating Conditions per Pole 0.6 W
Rated Conditional Short-Circuit Current - I _{nc} (kA)	(40 A fuse, ≤415V) 50 kA (25 A fuse, 690 V) 50 kA
Rated Impulse Withstand Voltage (kV)	8
Rated Insulation Voltage	acc. to IEC/EN 60664-1 750 V
Rated Making Capacity AC-3	(690 V) 0.71 kA
Rated Operational Current AC-22A (A)	(380 ... 415 V) 25 A (500 V) 25 A (690 V) 25 A
Rated Operational Current AC-23A (A)	(380 ... 415 V) 20 A (500 V) 20 A (690 V) 11 A

Rated Operational Current AC-21A (A)	(380 ... 415 V) 25 A (500 V) 25 A (690 V) 25 A
Rated Operational Power AC-23A (kW)	(220 ... 240 V) 4 kW (400 ... 415 V) 9 kW (500 V) 9 kW (690 V) 9 kW
Rated Operational Voltage AC (V)	Main Circuit 750 V
Rated Short-time Withstand Current Low Voltage - I _{cw} (A)	for 1 s 0.5 kA
Special Functions	No
Switching Type	Mechanism on Top of the Switch
Tightening Torque (Nm)	acc. IEC 60947-1 0.8 Nm

Physical Attributes

Handle Type	Knob Handle and shaft not included
Lock Type	No

Dimensions

Cable Cross Section (mm ²)	Cu 0.75 ... 10 mm ²
Dimensions (mm)	68 * 48 * 56 [H*W*D]

Protection & Standards

Degree of Protection	Front IP20
Pollution Degree	3
Standards	IEC 60947-3 / UL 508 / CSA C22.2 No. 14