

## Product No: OT125F4N2

### ABB SWITCH-DISCONNECTOR OT125F4N2

#### FEATURES

- Base and DIN Rail mounted.
- Degree of protection: IP20.
- Protected terminals.



#### General Information

Brand	ABB
Product Type	Fuse Switch - BS Type

#### Technical Attributes

Clamp Type	Screw Terminals
Conventional Free-Air Thermal Current - I <sub>th</sub> (A)	Θ = 40 °C 125 A
Conventional Thermal Current - I <sub>the</sub> (A)	Fully Enclosed 125 A
Maximum Breaking Capacity	0
Mechanical Durability	20000
No. of Poles	4
Power Loss (W)	at Rated Operating Conditions per Pole 6.3 W
Rated Conditional Short-Circuit Current - I <sub>nc</sub> (kA)	(125 A fuse, 415 V) 50 kA (125 A fuse, 690 V) 10 kA (63 A fuse, 690 V) 50 kA
Rated Current (A)	100 A
Rated Impulse Withstand Voltage (kV)	8
Rated Insulation Voltage	acc. to IEC/EN 60664-1 750 V
Rated Making Capacity AC-3	(690 V) 3.6 kA
Rated Operational Current AC-22A (A)	(380 ... 415 V) 125 A (500 V) 125 A (690 V) 125 A
Rated Operational Current AC-23A (A)	(380 ... 415 V) 90 A (500 V) 70 A (690 V) 50 A

Rated Operational Current AC-21A (A)	(380 ... 415 V) 125 A (500 V) 125 A (690 V) 125 A
Rated Operational Power AC-23A (kW)	(220 ... 240 V) 22 kW (400 ... 415 V) 45 kW (500 V) 45 kW (690 V) 45 kW
Rated Operational Voltage AC (V)	Main Circuit 750 V
Rated Short-time Withstand Current Low Voltage - I <sub>cw</sub> (A)	for 1 s 2.5 kA
Special Functions	No
Tightening Torque (Nm)	acc. IEC 60947-1 6 Nm

### Physical Attributes

Handle Type	Knob Handle and shaft not included
Lock Type	No

### Dimensions

Cable Cross Section (mm <sup>2</sup> )	Cu 10 ... 70 mm <sup>2</sup>
Dimensions (mm)	100 * 96.5 * 74 [H*W*D]

### Protection & Standards

Degree of Protection	Front IP20
Pollution Degree	3
Standards	IEC 60947-3