

BYAF-125

AC Switch-disconnector



- High performance, reliability, low power loss;
- Easy Installation;
- Maximum Rated Current: 125A;
- Maximum Rated Voltage: 1000V;
- GB/T 14048.3; IEC 60947-3;



Application

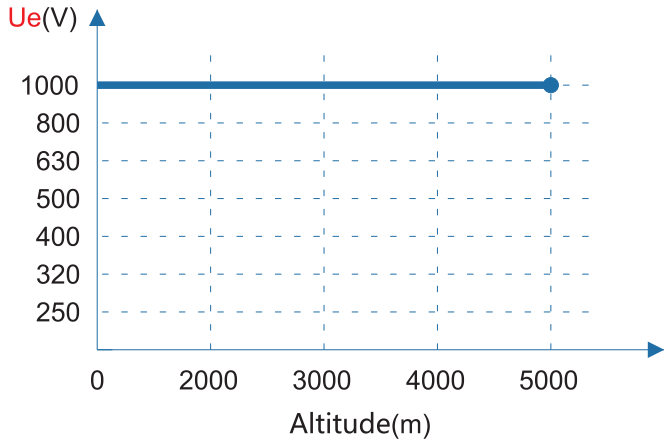
BENY BYAF-125 AC isolating switch is mainly used for AC rated frequency 50Hz/60Hz, rated working voltage 1000V and below with rated working current up to 125A, used for AC side and ventilation of photovoltaic system Control switches for equipment, air conditioning and pump systems can also control small capacity AC motors.

Type Instruction

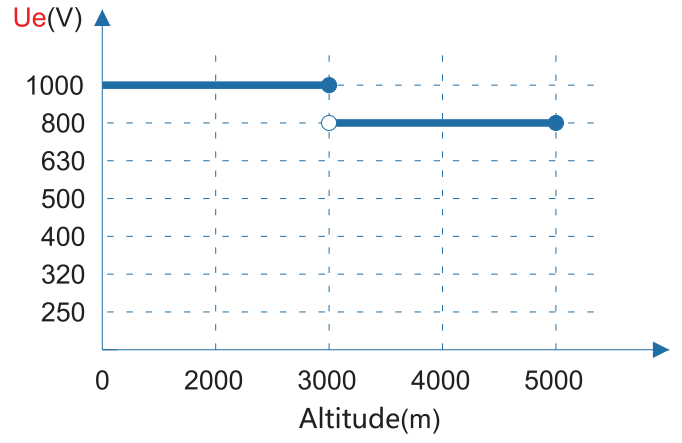


Technical data	Symbol Ratings	Unit
Rated operational voltage	Ue	1000 V a.c.
Rated operational current	Ie	125 A a.c.
Utilization category		AC-21B
Rated frequency		50 Hz
Number of AC poles		3
Pollution degree		2
Tightening torque terminal screws M6 (min.-max.)		3.5-4.0 N.m
Wire size (min.-max.)		8-1 AWG 10-50 mm ²
Method of mounting		panel mounting
Positions		9 (OFF) and 12 o'clock (ON)
Method of operation		Independent manual operation
Rated impulse withstand voltage	Uimp	6.0 kV
Insulation voltage	Ui	1000 V
Rated short-time withstand current(1s)	Icw	1500 A
Rated short-circuit making capacity	Icm	2500 A
Allowed ambient temperature(min.-max.)	T _{ambient}	-40~+70 °C
Allowed storage temperature(min.-max.)	T _{storage}	-40~+85 °C
Relative humidity (max.), without condensation at 20°C	RH	90 %
IP rating terminals		IP 20
IP rating of the shaft in case of single hole and four hole panel mounting		IP 66
Weight		0.70 kg

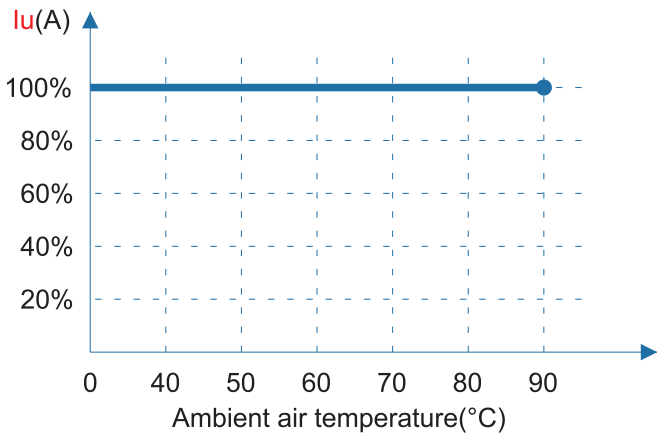
Ue-Altitude derating GB14048.1 Iltuti e ee



Ue-Altitude derating GB14048.1 Iltuti e ee 3



Iu-Ambient temperature derating GB 14048.3



Dimensions(mm)

