

38612010

Fusible discon switch FUSERBLOC-Ext&Dir F/L R OP-100A-2P-UL-Fuse J

Strong points

- Improved safety
- High breaking capacity
- Multi-use
- Simplified use

General characteristics

- Accepts Class CC, J and L fuses.
- Very high short circuit protection, up to 200 kAIC.
- Used of glass fiber reinforced polyester for both high mechanical and thermal resistance.
- Make and break under load conditions to provide safety of person and equipment.
- Large range of connection accessories and mounting brackets for quick and easy installation.
- Double breaking per pole (top and bottom) providing extra protection.
- Compact solution available: FUSERBLOC CD.

Compliance with standards

- UL489, Guide WJAZ File E255272 (Frame size 1 and 2)
- UL98, Guide WHTY File E201138 (Frame sizes 3 to 8)
- CSA22.2 #5, Class 4652-06 File 112964 (Frame size 1 and 2)
- CSA22.2 #4, Class 4651-02 File 112964 (Frame sizes 3 to 8)
- IEC 60947-3

Link to the reference

FUSERBLOC fusible disconnect switches are heavy duty switches that make and break power circuits on and off load. The switches employ double break contacts per pole that ensure complete isolation of the fuse when the switch is in the "OFF" position. These switches are extremely durable and are tested and approved for use in the most demanding applications.

Certificates and Declaration

Conformity to standard #1	UL98
Conformity to standard #2	CSA-C22.2 No. 4
Conformity to standard #3	Class 4651 02
Proposition 65 California	WARNING This product can expose you to chemicals including Styrene, which is known to the State of California to cause cancer. For more information go to: www.P65Warnings.ca.gov

Environmental Sustainability

PEP Filename	SOCO-00111-V01.01-EN.pdf
Climate change - Total - Cradle to Grave [kg CO ₂ eq.]	100
Climate change - Total - Cradle to Gate [kg CO ₂ eq.]	11

Standards

Conformity to standards	UL
-------------------------	----

Certificates and Declaration - Safety

UL file number	E201138
----------------	---------

Technical Characteristics

Length of the product unit [mm]	186
Width of the product unit [mm]	113.3
Depth of the product unit [mm]	122.2
Weight [kg]	1.85
Fuse size	J
Number of poles	2
Rated current [A]	100
Type	I-O-Test
Frame size	5

Technical Characteristics - Connection terminals

Max. connection section / AWG	#2/0
Min. connection section / AWG	#10

Technical Characteristics - Environmental

Operating temperature	-4 ... +122°F / -20 ... +50°C
Storage temperature	-40 ... +158°F / -40 ... +70°C

Technical Characteristics - Max. motor HP

DC FLA motor max. / 125 VDC [Hp/A]	7.5/58
DC FLA motor max. / 250 VDC [Hp/A]	20/38
FLA 1 ph motor max. / 120 VAC [Hp/A]	7.5/80
FLA 1 ph motor max. / 220-240 VAC [Hp/A]	20/88
FLA 1 ph motor max. / 240 VAC [Hp/A]	20/88

FLA 3 ph motor max. / 220-240 VAC [Hp/A]	30/80
FLA 3 ph motor max. / 440-480 VAC [Hp/A]	60/77
FLA 3 ph motor max. / 600 VAC [Hp/A]	75/77
Technical Characteristics - Mechanical	
Endurance (number of operating cycles)	10000
Operating torque [lbs.in/Nm]	71/8
Technical Characteristics - Short-circuit capacity	
Auxiliary contacts / Electrical characteristics	A600
Max fuse rating [A]	100
Operation voltage 2 P - 3/4 P	600VAC
Short circuit rating at 600 VAC [kA]	200
Type of fuse	J
UL General use rating [A]	100
ETIM - Electrical characteristics	
Max. rated operation voltage Ue AC [V]	600
Rated permanent current Iu [A]	100
Conditioned rated short-circuit current Iq [kA]	200
Number of poles	2
ETIM - Mechanical characteristics	
Cable entry	Top/bottom
Equipped with connectors	No
Suitable for floor mounting	Yes
Suitable for front mounting	Yes
Suitable for busbar mounting	No
Degree of protection (IP), front side	IP20
ETIM - Technical features	
Version as main switch	Yes
Version as safety switch	Yes
Suitable for fuses	Other
With error protection	No
Type of electrical connection of main circuit	Frame clamp
Type of control element	Long turning handle
Position control element	Front side
Motor drive optional	No
Motor drive integrated	No
Version as emergency stop installation	Yes
Logistics	
GTIN/EAN	3596031892778
Customs number	8536303000
Price unit	PC
Weight of the packing unit [kg]	1.85
Length of the packing unit [m]	0.016
Width of the packing unit [m]	0.025
Depth of the packing unit [m]	0.024
Product Details	
Effective date	2007-10-03
Offer Life Cycle Code	40
Country of origin	FR

Classification	
UNSPSC	39122233
ETIM Class	EC001040
IGCC	5291