

**38616010**

## **Fusible discon switch FUSERBLOC-Ext&Dir F/L R OP-100A-4P-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**

<https://www.socomec.us/en-us/reference/38616010>

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.

<b>----- System -----</b>	
Fill rate E-Order Common	83
Fill rate E-Order Selection	80
<b>Certificates and Declaration</b>	
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: <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>
<b>Standards</b>	
Conformity to standards	UL
<b>Certificates and Declaration - Safety</b>	
UL file number	E201138
<b>Technical Characteristics</b>	
Fuse size	J
Number of poles	4
Rated current [A]	100
Type	I-O-Test
Frame size	5
<b>Technical Characteristics - Connection terminals</b>	
Max. connection section / AWG	#2/0
Min. connection section / AWG	#10
<b>Technical Characteristics - Environmental</b>	
Operating temperature	-4 ... +122°F / -20 ... +50°C
Storage temperature	-40 ... +158°F / -40 ... +70°C
<b>Technical Characteristics - Max. motor HP</b>	
DC FLA motor max. / 125 VDC	7.5/58
DC FLA motor max. / 250 VDC	20/38
FLA 1 ph motor max. / 120 VAC	7.5/80
FLA 1 ph motor max. / 220-240 VAC	20/88
FLA 1 ph motor max. / 240 VAC	20/88
FLA 3 ph motor max. / 220-240 VAC	30/80
FLA 3 ph motor max. / 440-480 VAC	60/77
FLA 3 ph motor max. / 600 VAC	75/77
<b>Technical Characteristics - Mechanical</b>	
Endurance (number of operating cycles)	10000
Operating torque [lbs.in/Nm]	71/8
<b>Technical Characteristics - Short-circuit capacity</b>	
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	100
<b>ETIM - Electrical characteristics</b>	
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	4
<b>ETIM - Mechanical characteristics</b>	
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
<b>ETIM - Technical features</b>	
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
<b>Logistics</b>	
GTIN/EAN	3596031892785
Customs number	8536303099
Price unit	PC
Weight of the packing unit	2.891
Length of the packing unit	0.155
Width of the packing unit	0.235
Depth of the packing unit	0.245
<b>Product Details</b>	
Effective date	2007-10-03
Country of origin	FR
Discount Policy	1CC50
Discount Policy Label	FUSERBLOC UL
Length of the product unit	0.186
Width of the product unit	0.1853
Depth of the product unit	0.1222
Weight	2.95
<b>Classification</b>	
UNSPSC	39122233
ETIM Class	EC001040
IGCC	5291