



Electrical features

Number of poles	Nr.	3
Rated current ($\leq 40^{\circ}\text{C}$)	A	100
Electronic overload trip adjustment range	A	15...60
Electronic short circuit trip adjustment range	A	22,5...600
AC rated operation voltage U_e	V	600
Rated insulation voltage U_i	V	750
Rated impulse withstand voltage U_{imp}	kV	8

UL technical data

UL489 short circuit breaking capacity	240VAC 50/60Hz	kA	100
	480VAC 50/60Hz	kA	65
	600VAC 50/60Hz	kA	35
IEC60947-2 Icu short circuit breaking capacity	220...240VAC 50/60Hz	kA	100
	380...415VAC 50/60Hz	kA	65
	480...500VAC 50/60Hz	kA	35

Mechanical features

Terminals	screw tool		1/4-20unc x 16 Phillips 2
Tightening torque for terminals	max	Nm	15.1
	max	lbin	133.6
Mounting position	normal allowable		On vertical plan Any
Fixing			Screw
Weight	g		1790
Mechanical life	cycles		25000
Electrical life	cycles		10000
Dimensions (W x H x D)	mm		105x165x87

Ambient conditions

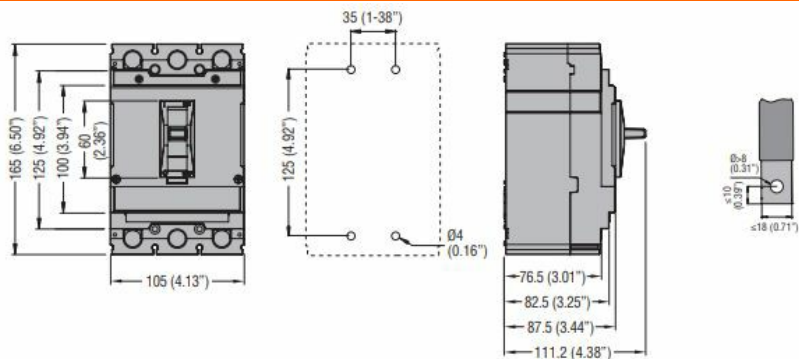
Temperature	Operating temperature	min	°C	-20
		max	°C	+70
	Storage temperature	min	°C	-40
		max	°C	+80
		Current derating for temperature >40°C		
	50°C	°C	56	
60°C	°C	53		
70°C	°C	49		

Resistance & Protection

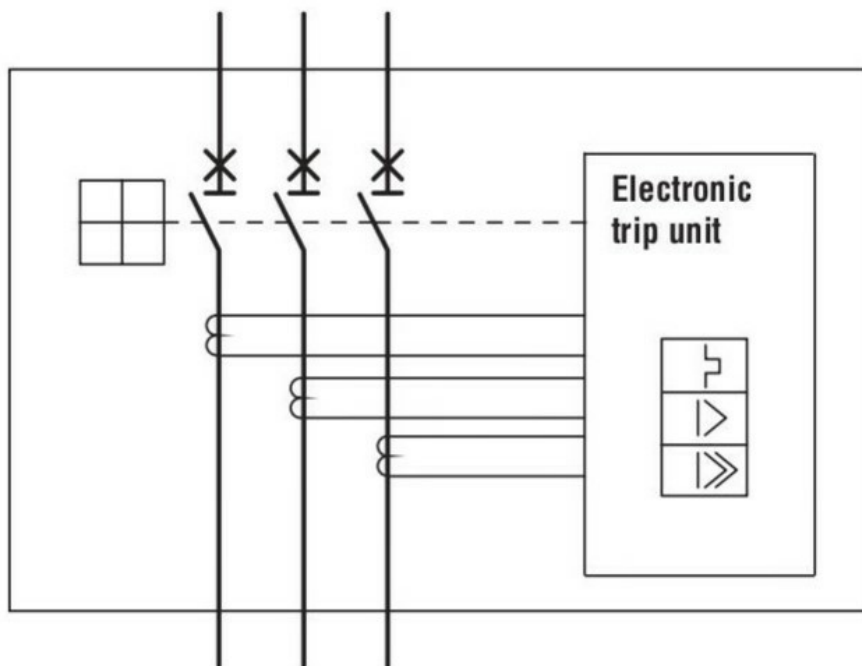
Frontal IP degree

IP20

Dimensions



Wiring diagrams



Certifications and compliance

Certifications

IEC/EN/BS 60947-2
UL489

Compliance

cULus

ETIM classification

EC000066 - Power contactor, AC switching