



Electrical features

Number of poles	Nr.	3	
Rated current ($\leq 40^{\circ}\text{C}$)	A	800	
Electronic overload trip adjustment range	A	320...800	
Electronic short circuit trip adjustment range	A	480...8000	
AC rated operation voltage U_e	V	690	
Rated insulation voltage U_i	V	1000	
Rated impulse withstand voltage U_{imp}	kV	8	
Short circuit breaking capacity I_{cu}	220...240VAC 50/60Hz	kA	100
	380...415VAC 50/60Hz	kA	65
	440...460VAC 50/60Hz	kA	65
	480...500VAC 50/60Hz	kA	42
	525VAC 50/60Hz	kA	22
	660...690VAC 50/60Hz	kA	10
Short circuit breaking capacity I_{cs}	220...240VAC 50/60Hz	kA	100
	380...415VAC 50/60Hz	kA	65
	440...460VAC 50/60Hz	kA	65
	480...500VAC 50/60Hz	kA	42
	525VAC 50/60Hz	kA	22
	660...690VAC 50/60Hz	kA	10
Heat dissipation per pole (max)	W	76	

Mechanical features

Terminals	screw	M12 x 35	
	tool	Metric Allen key 10	
Tightening torque for terminals	max	Nm	62
	max	lbin	550
Mounting position	normal	On vertical plan	
	allowable	Any	
Fixing		Screw	
Weight	g	15100	
Mechanical life	cycles	10000	
Electrical life	cycles	3000	
Dimensions (W x H x D)	mm	210x320x135	

Ambient conditions

Temperature	Operating temperature		
	min	$^{\circ}\text{C}$	-20
	max	$^{\circ}\text{C}$	+70
	Storage temperature		

min	°C	-40
max	°C	+80

Current derating for temperature >40°C

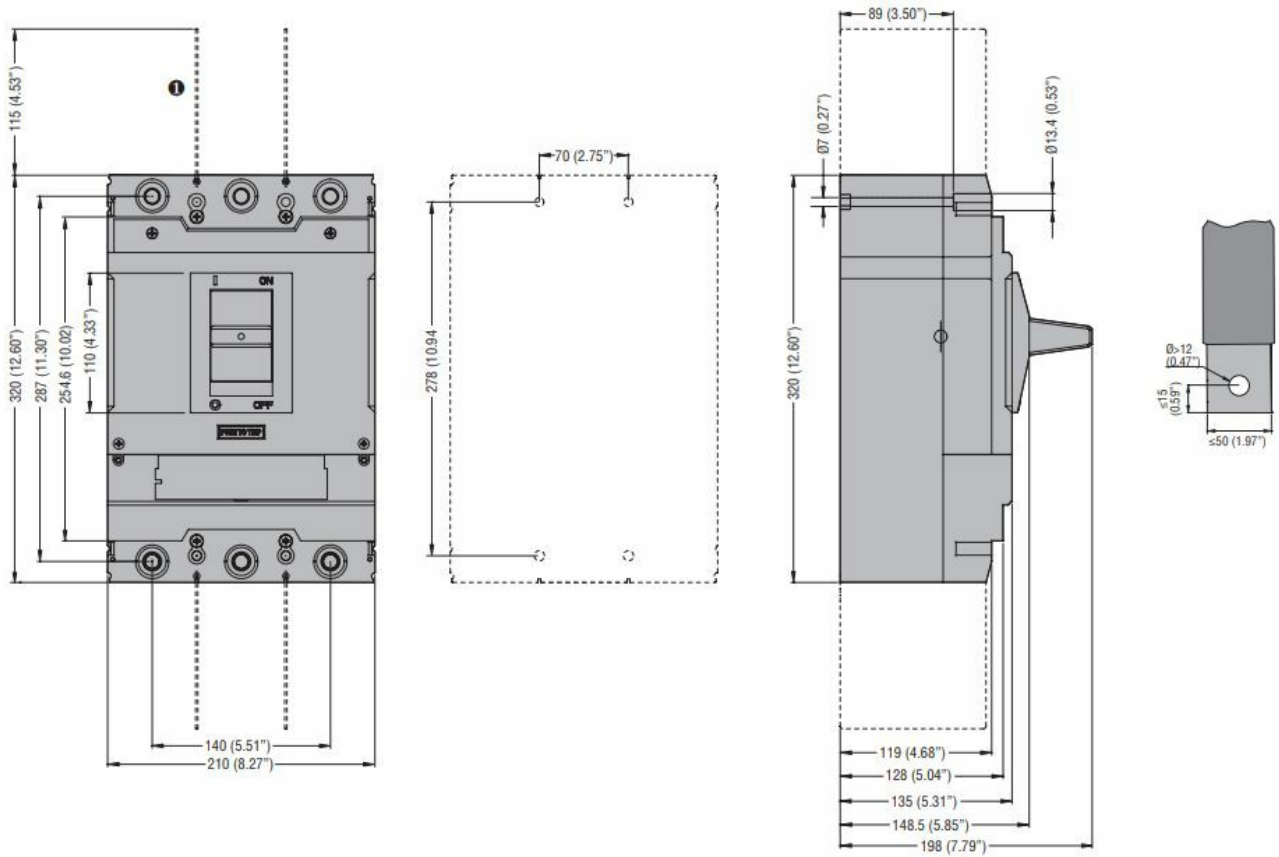
50°C	°C	750
60°C	°C	705
70°C	°C	656

Resistance & Protection

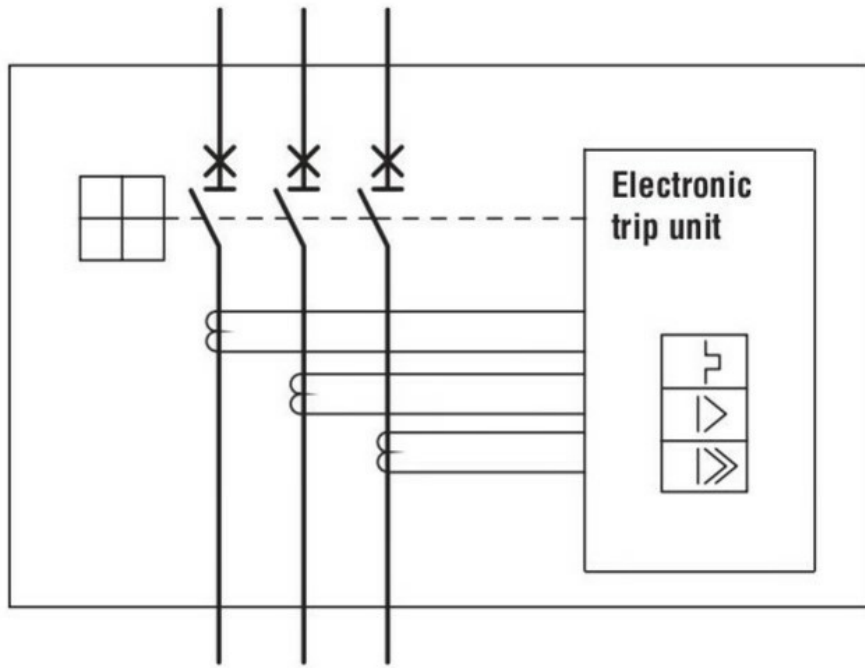
Frontal IP degree

IP20

Dimensions



Wiring diagrams



ETIM classification

EC000066 - Power contactor, AC switching