



Product designation

Product type designation

Moulded case  
circuit breakers  
P5ME

### 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

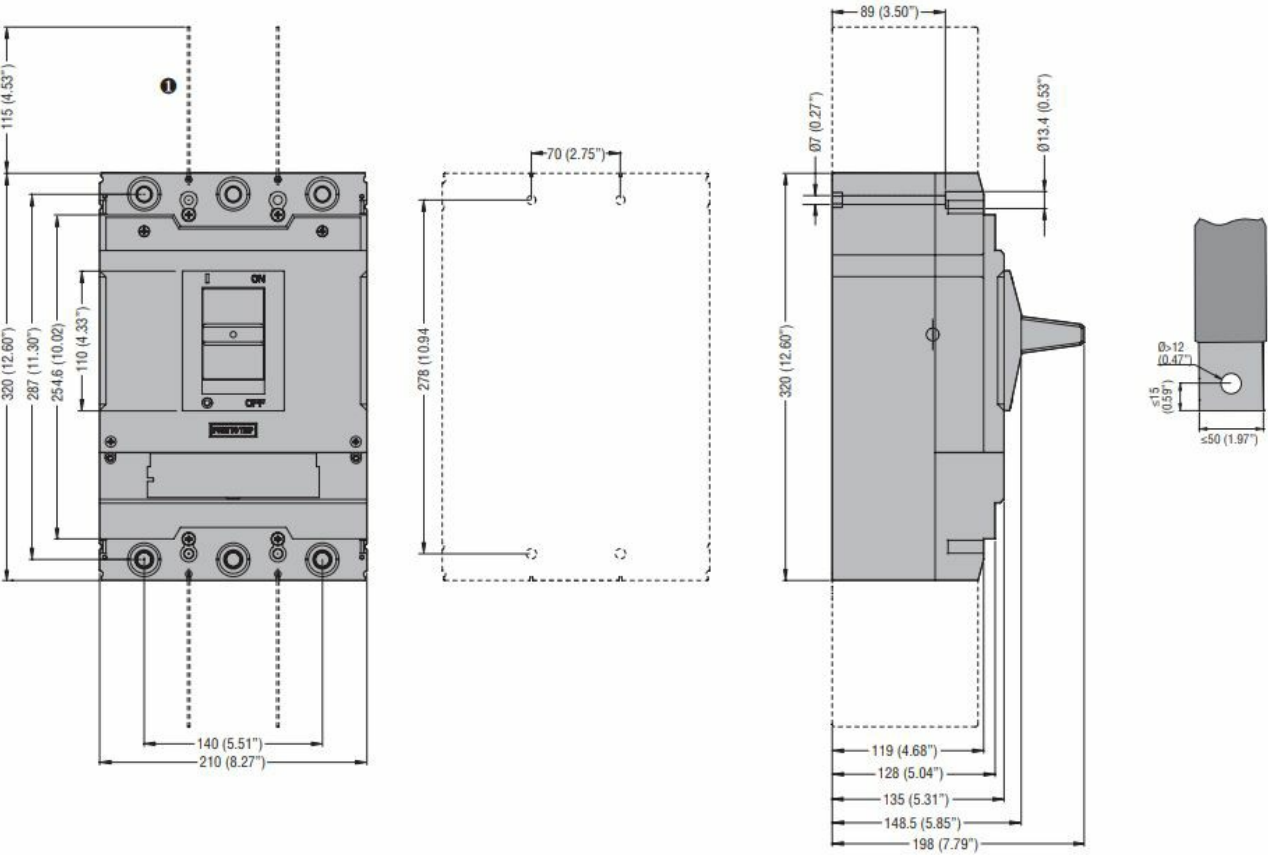
Operating temperature

	min	°C	-20
	max	°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

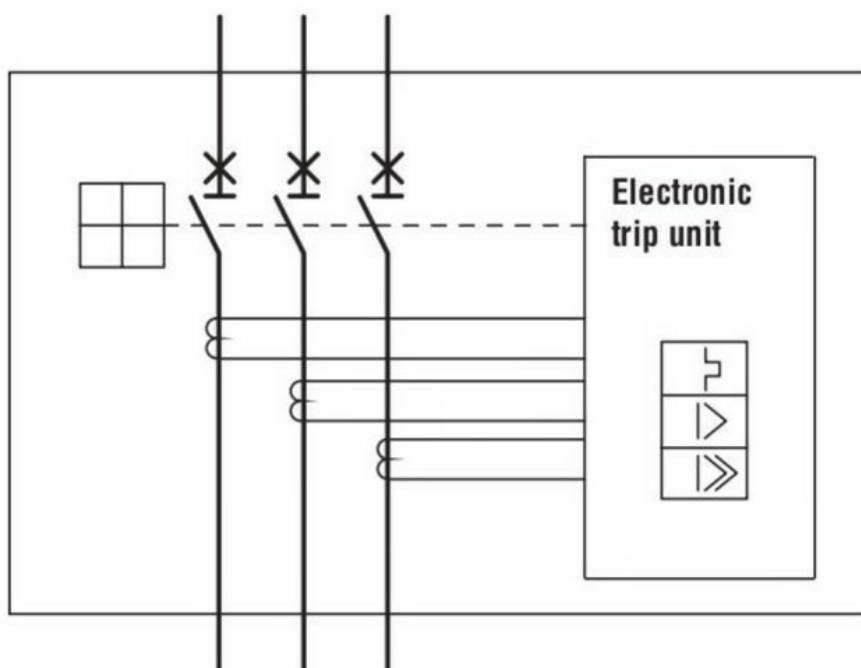
Resistance & Protection

Frontal IP degree IP20

Dimensions



Wiring diagrams



#### ETIM classification

EC000066 - Power contactor, AC switching