P5ME3PS0630

MOULDED CASE CIRCUIT BREAKER THREE-POLE, IEC STANDARD, 630A - ICU 65KA AT 400V



Electrical features			
Number of poles		Nr.	3
Rated current (≤40°C)		A	630
Electronic overload trip adjustment range		A	252…630
Electronic short circuit trip adjustment range		A	378…6300
AC rated operation voltage Ue		V	690
Rated insulation voltage Ui		V	1000
Rated impulse withstand voltage Uimp		kV	8
Short circuit breaking capacity Icu			
	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 Ics			
	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	83
Mechanical features			
Terminals			
	screw		M10 x 30
	tool		Metric Allen key 8
Tightening torque for terminals			
	max	Nm	48
	max	lbin	425
Mounting position			
	normal		On vertical plan
	allowable		Any
Fixing			Screw
Weight		g	5400
Mechanical life		cycles	20000
Electrical life		cycles	6000
Dimensions (W x H x D)		mm	140x260x110
Ambient conditions			
Temperature			
	Operating temperature		
	min	°C	-20
	max	°C	+70
	Storage temperature		
	min	°C	-40

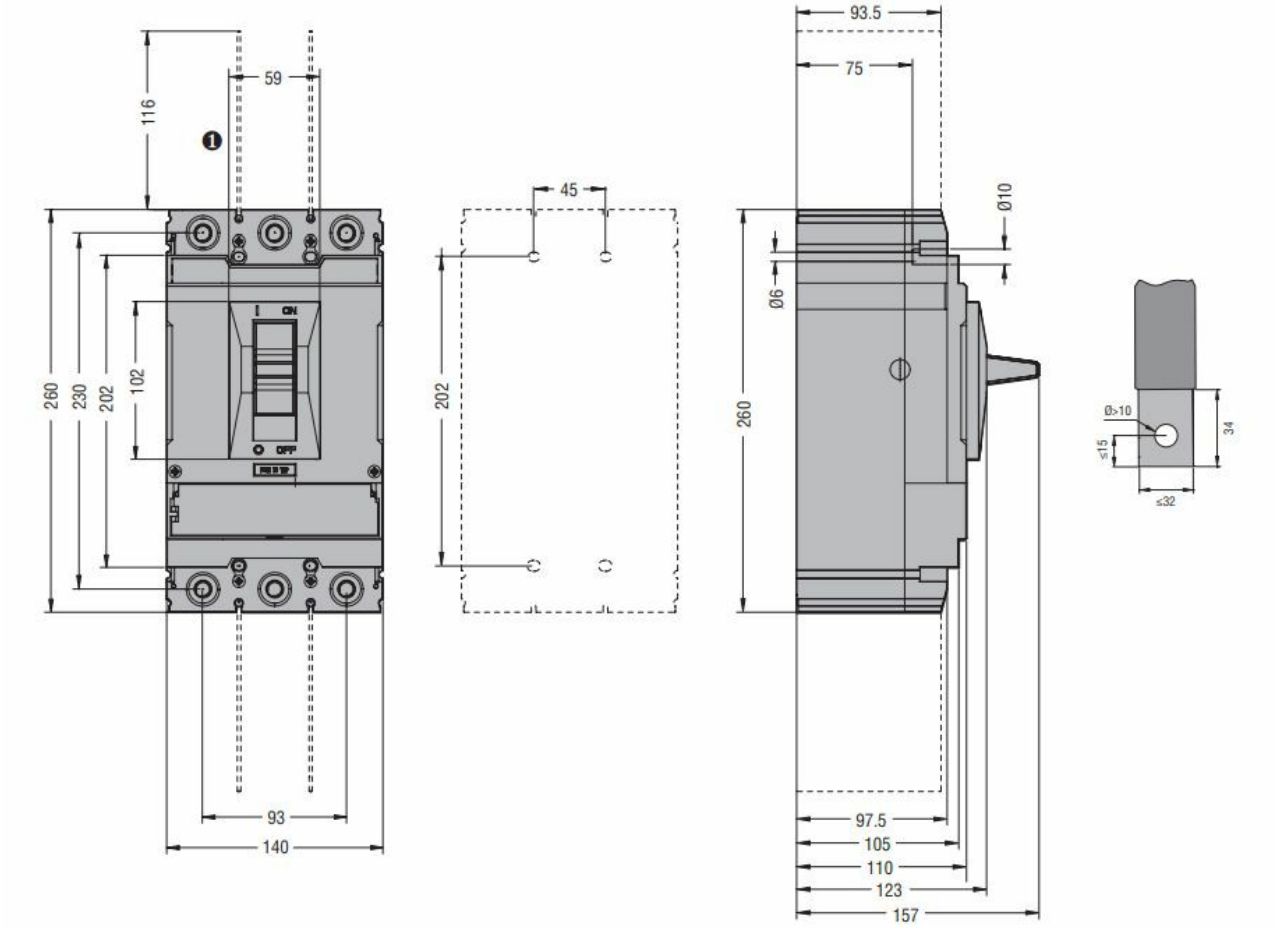
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	max	°C	+80
Current derating for temperature >40°C			
	50°C	°C	591
	60°C	°C	555
	70°C	°C	517

Resistance & Protection

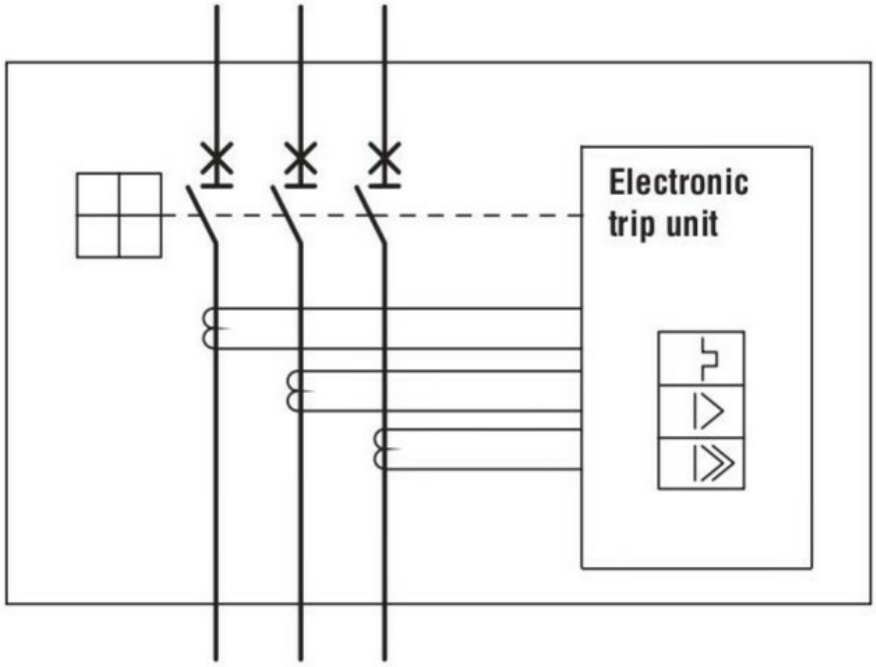
Frontal IP degree	IP20

Dimensions



Wiring diagrams

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ETIM classification

EC000066 - Power contactor, AC switching

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