



Electrical features

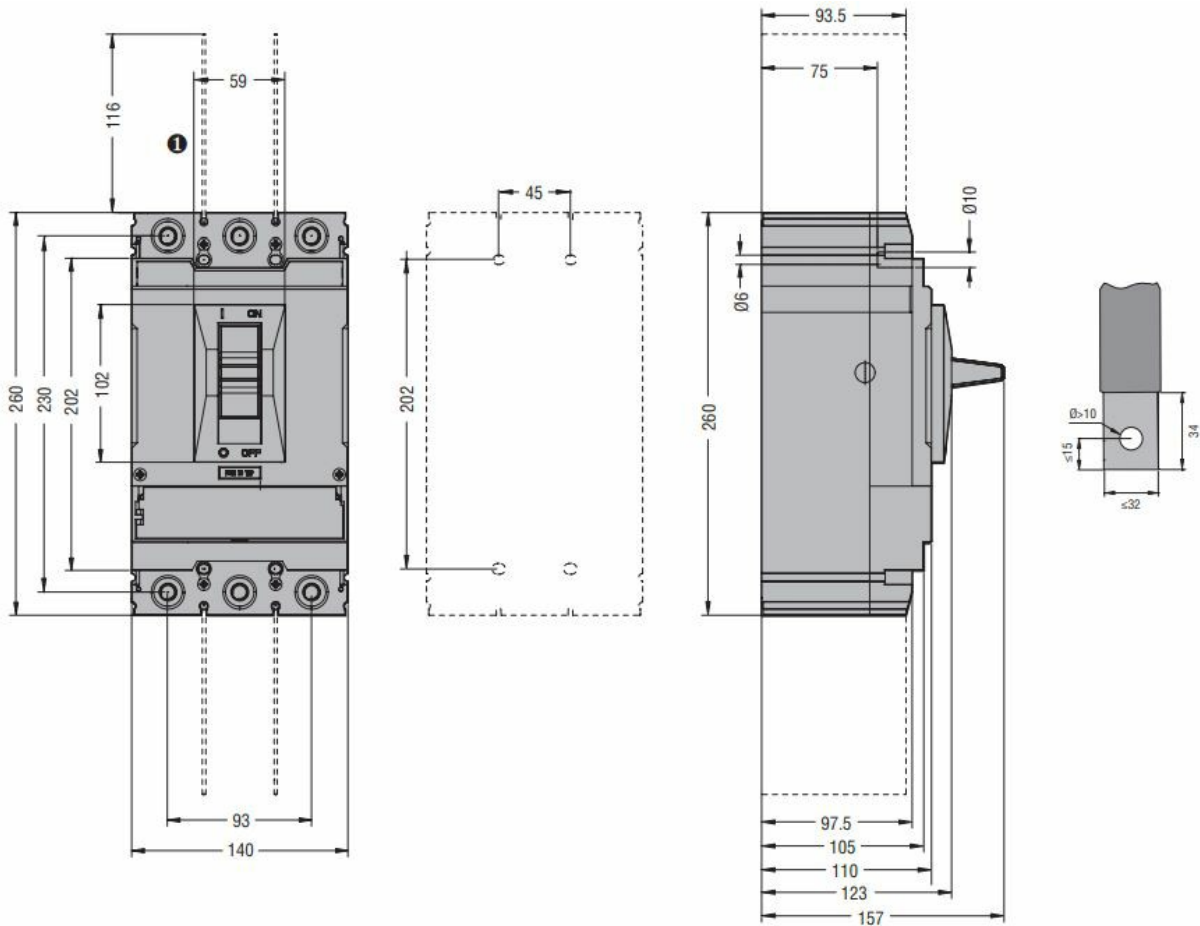
Number of poles	Nr.	3
Rated current ($\leq 40^{\circ}\text{C}$)	A	630
Electronic overload trip adjustment range	A	252...630
Electronic short circuit trip adjustment range	A	378...6300
AC rated operation voltage U_e	V	690
Rated insulation voltage U_i	V	1000
Rated impulse withstand voltage U_{imp}	kV	8
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	83

Mechanical features

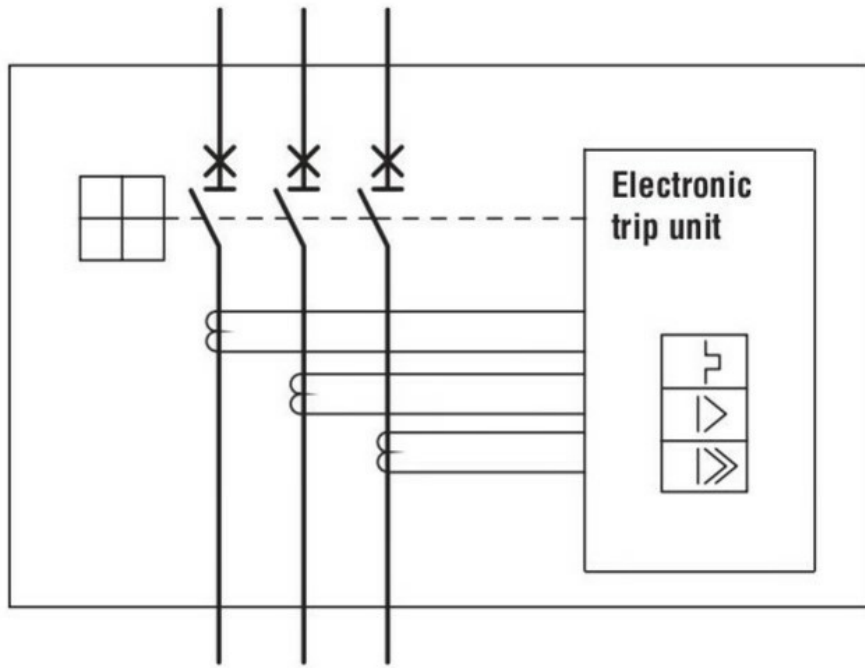
Terminals	screw tool	M10 x 30 Metric Allen key 8
Tightening torque for terminals	max max	Nm 48 lbin 425
Mounting position	normal allowable	On vertical plan Any
Fixing		Screw
Weight	g	5400
Mechanical life	cycles	20000
Electrical life	cycles	6000
Dimensions (W x H x D)	mm	140x260x110
Ambient conditions		
Temperature		
Operating temperature	min max	$^{\circ}\text{C}$ -20 $^{\circ}\text{C}$ +70
Storage temperature	min	$^{\circ}\text{C}$ -40

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

Resistance & Protection	
Frontal IP degree	IP20
Dimensions	



Wiring diagrams



ETIM classification

EC000066 - Power contactor, AC switching