



### Electrical features

Number of poles	Nr.	3
Rated current ( $\leq 40^{\circ}\text{C}$ )	A	400
Electronic overload trip adjustment range	A	160...400
Electronic short circuit trip adjustment range	A	240...4000
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	48

### Mechanical features

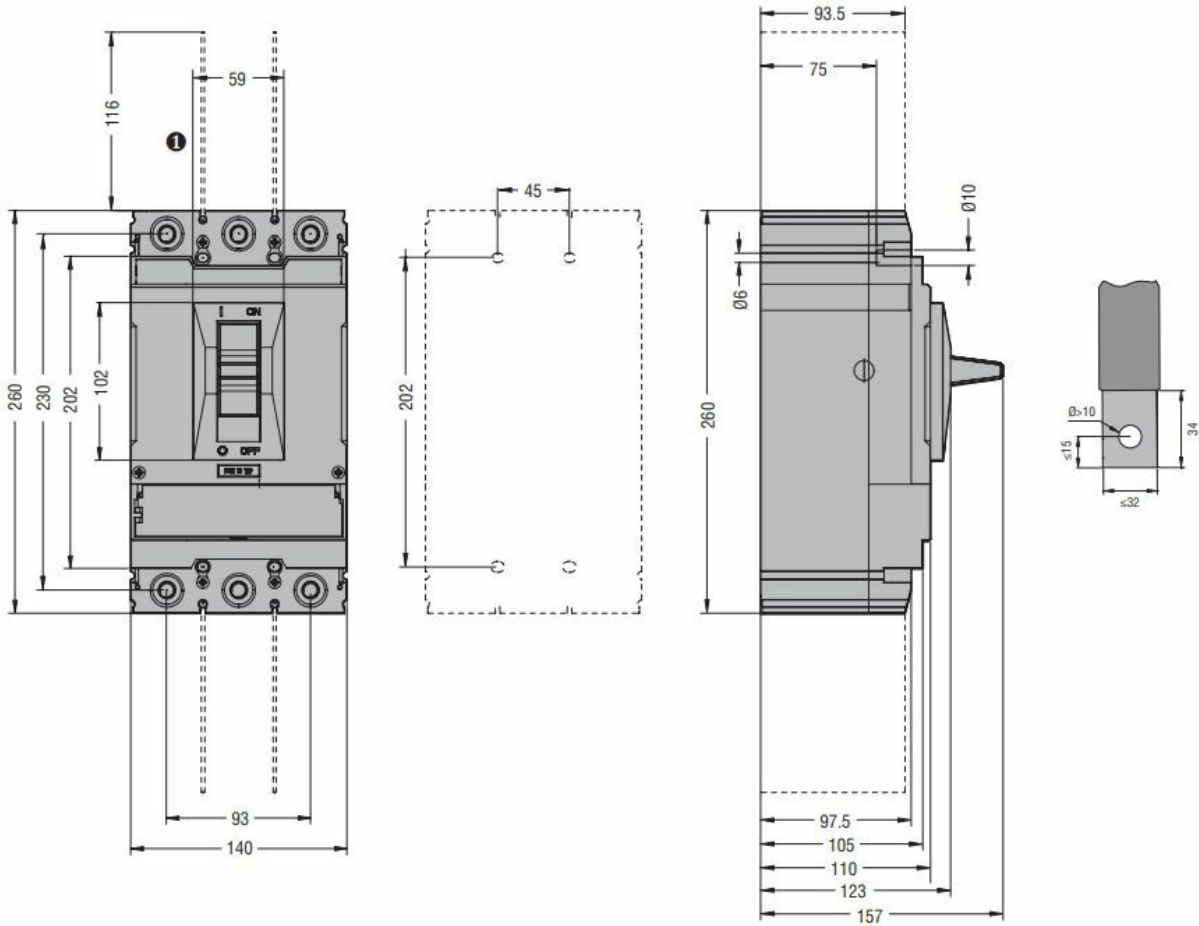
Terminals	screw tool	M10 x 30 Metric Allen key 8
Tightening torque for terminals	max	Nm 48
	max	lbin 425
Mounting position	normal allowable	On vertical plan Any
Fixing		Screw
Weight	g	5400
Mechanical life	cycles	20000
Electrical life	cycles	10000
Dimensions (W x H x D)	mm	140x260x110

### Ambient conditions

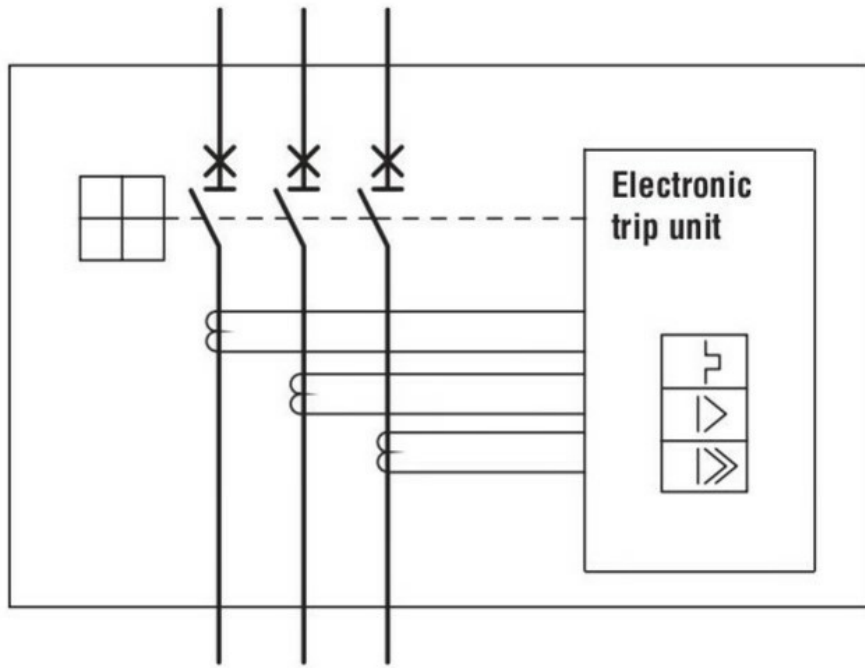
Temperature			
Operating temperature	min	$^{\circ}\text{C}$	-20
	max	$^{\circ}\text{C}$	+70
Storage temperature	min	$^{\circ}\text{C}$	-40

Current derating for temperature >40°C	max	°C	+80
	50°C	°C	375
	60°C	°C	353
	70°C	°C	328

<b>Resistance &amp; Protection</b>	
Frontal IP degree	IP20
<b>Dimensions</b>	



**Wiring diagrams**



**ETIM classification**

EC000066 - Power contactor, AC switching