



Product designation

Moulded case  
circuit breakers  
P5ME

Product type designation

### Electrical features

Number of poles	Nr.	3
Rated current ( $\leq 40^{\circ}\text{C}$ )	A	600
Electronic overload trip adjustment range	A	225...600
Electronic short circuit trip adjustment range	A	338...6600
AC rated operation voltage $U_e$	V	600
Rated insulation voltage $U_i$	V	750
Rated impulse withstand voltage $U_{imp}$	kV	8
Heat dissipation per pole (max)	W	83

### UL technical data

UL489 short circuit breaking capacity	240VAC 50/60Hz	kA	100
	480VAC 50/60Hz	kA	65
	600VAC 50/60Hz	kA	35
IEC60947-2 Icu short circuit breaking capacity	220...240VAC 50/60Hz	kA	100
	380...415VAC 50/60Hz	kA	65
	480...500VAC 50/60Hz	kA	35

### Mechanical features

Terminals

screw  
tool  
M10 x 30  
Allen key 7/16"

Tightening torque for terminals

max Nm 40.5  
max lbin 358.5

Mounting position

normal  
allowable  
On vertical plan  
Any

Fixing

Screw

Weight

g 7160

Mechanical life

cycles 20000

Electrical life

cycles 6000

Dimensions (W x H x D)

mm 140x340x110

### Ambient conditions

Temperature

Operating temperature

min  $^{\circ}\text{C}$  -20  
max  $^{\circ}\text{C}$  +70

Storage temperature

min  $^{\circ}\text{C}$  -40  
max  $^{\circ}\text{C}$  +80

Current derating for temperature  $> 40^{\circ}\text{C}$

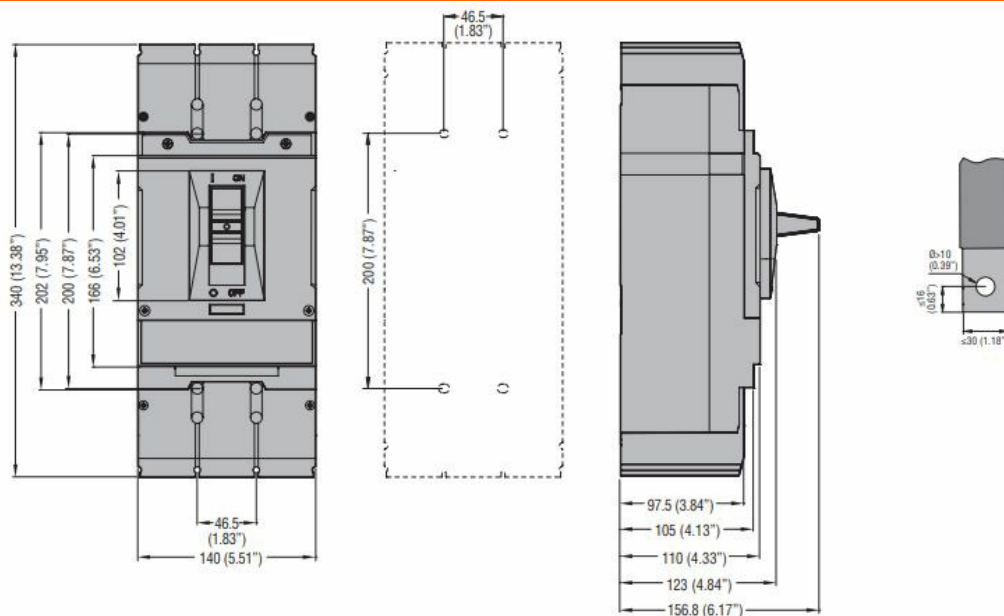
50°C	°C	591
60°C	°C	555
70°C	°C	517

## Resistance & Protection

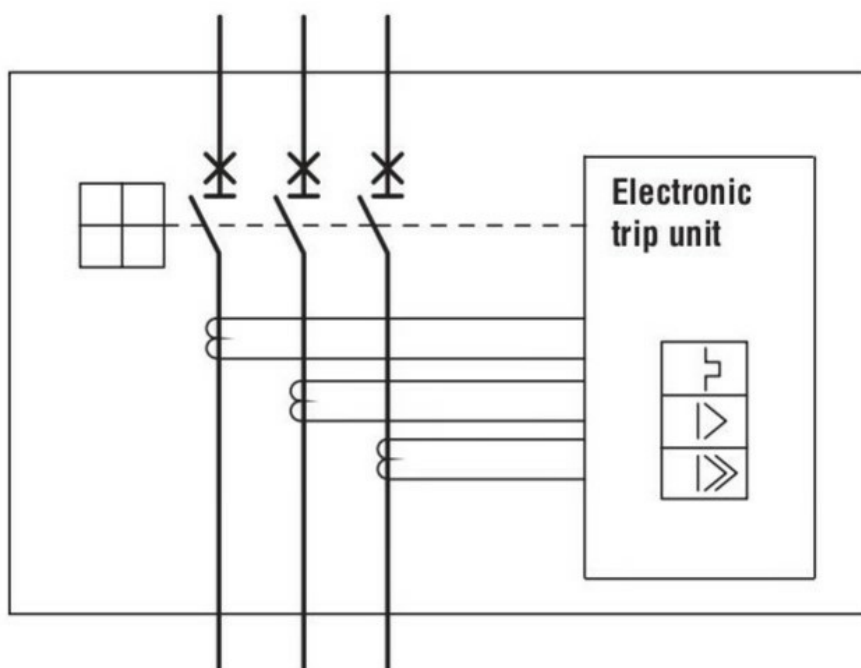
Frontal IP degree

IP20

## Dimensions



## Wiring diagrams



## Certifications and compliance

### Compliance

cULus

### ETIM classification

EC000066 - Power contactor, AC switching