



Moulded case
circuit breakers
P5ME

Product designation

Product type designation

Electrical features

| | | |
|--|-----|------------|
| Number of poles | Nr. | 3 |
| Rated current ($\leq 40^{\circ}\text{C}$) | A | 250 |
| Electronic overload trip adjustment range | A | 80...250 |
| Electronic short circuit trip adjustment range | A | 120...2750 |
| 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 | 16 |

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
M8 x 23
Allen key 3/8"

Tightening torque for terminals

max Nm 44
max lbin 389.4

Mounting position

normal
allowable
On vertical plan
Any

Fixing

Screw

Weight

g 2040

Mechanical life

cycles 25000

Electrical life

cycles 10000

Dimensions (W x H x D)

mm 105x190x87

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

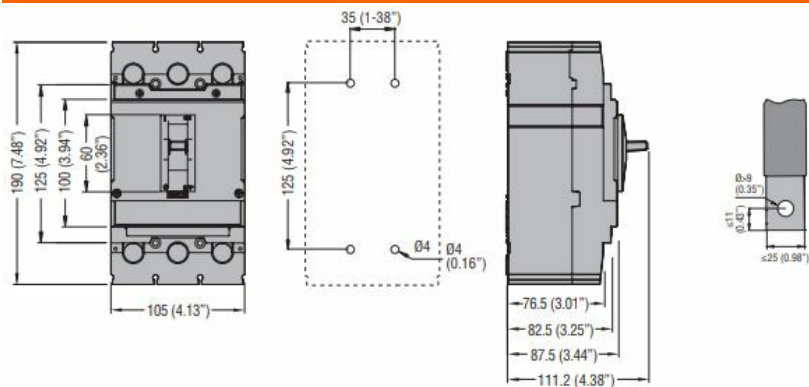
Current derating for temperature $> 40^{\circ}\text{C}$

| | | |
|------|----|-----|
| 50°C | °C | 234 |
| 60°C | °C | 220 |
| 70°C | °C | 205 |

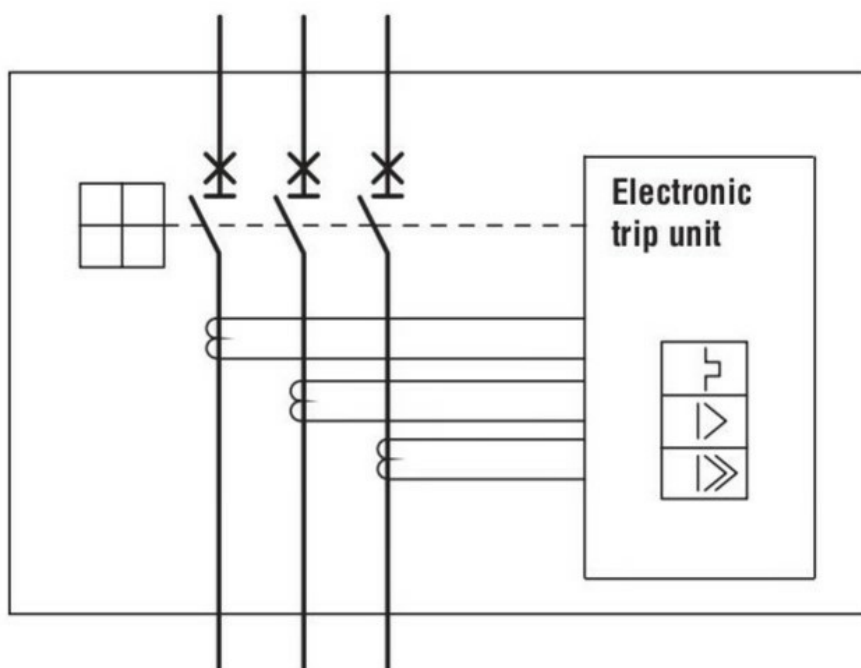
Resistance & Protection

Frontal IP degree IP20

Dimensions



Wiring diagrams



Certifications and compliance

Compliance

cULus

ETIM classification

EC000066 - Power contactor, AC switching