**ENERGY AND AUTOMATION** 

## MOULDED CASE CIRCUIT BREAKER THREE-POLE, UL489 STANDARD, 400A - ICU 65KA AT



| Product designation                            |                     |          | Moulded case<br>circuit breakers |
|--|---------------------|----------|----------------------------------|
| Product type designation                       |                     |          | P5ME                             |
| Electrical features                            |                     |          | 1 SIVIL                          |
| Number of poles                                |                     | Nr.      | 3                                |
| Rated current (≤40°C)                          |                     | Α        | 400                              |
| Electronic overload trip adjustment range      |                     | A        | 150400                           |
| Electronic short circuit trip adjustment range |                     | A        | 2254400                          |
| AC rated operation voltage Ue                  |                     | V        | 600                              |
| Rated insulation voltage Ui                    |                     | V        | 750                              |
| Rated impulse withstand voltage Uimp           |                     | kV       | 8                                |
| Heat dissipation per pole (max)                |                     | W        | 48                               |
| UL technical data                              |                     | VV       | 40                               |
| UL489 short circuit breaking capacity          |                     |          |                                  |
| 0L409 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 | 000 VAO 30/00112    | IVA      |                                  |
| 12000047 2 loa short circuit breaking capacity | 220240VAC 50/60Hz   | kA       | 100                              |
|  | 380415VAC 50/60Hz   | kA       | 65                               |
|  | 480500VAC 50/60Hz   | kA       | 35                               |
| Mechanical features                            | 400300 VAC 30/00112 | IVA      | 33                               |
| Terminals                                      |                     |          |                                  |
| Tommula  | screw               |          | M10 x 30                         |
|  | tool                |          | Allen key 7/16"                  |
| Tightening torque for terminals                |                     |          | 7 mon koy 77 ro                  |
| rightering terque for terminate                | max                 | Nm       | 54                               |
|  | max                 | lbin     | 478                              |
| Mounting position                              | max                 | 10111    | 410                              |
| Modifieng pooleon                              | normal              |          | On vertical plan                 |
|  | allowable           |          | Any                              |
| Fixing   | anowasio            |          | Screw                            |
| Weight   |                     | g        | 6300                             |
| Mechanical life                                |                     | cycles   | 20000                            |
| Electrical life                                |                     | cycles   | 10000                            |
| Dimensions (W x H x D)                         |                     | mm       | 140x290x110                      |
| Ambient conditions                             |                     | 111111   | 1 10/200/110                     |
| Temperature                                    |                     |          |                                  |
| Operating temperature                          |                     |          |                                  |
| Operating temperature                          | min                 | °C       | -20                              |
|  | max                 | °C       | +70                              |
| Storage temperature                            | IIIdA               |          | .70                              |
| Glorage temperature                            |                     |          |                                  |
|  | min                 | °C       | -40                              |
|  | min<br>max          | °C<br>°C | -40<br>+80                       |

Current derating for temperature >40°C





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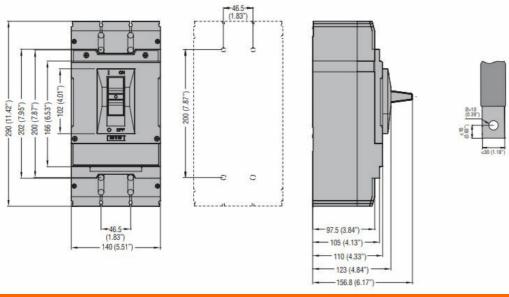
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50°C °C 375 60°C °C 353 70°C °C 328

Resistance & Protection

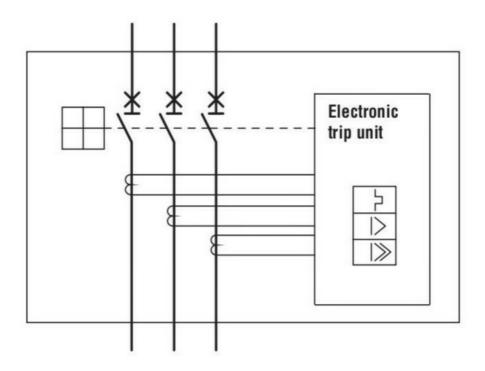
Frontal IP degree IP20

## Dimensions



Wiring diagrams

MOULDED CASE CIRCUIT BREAKER THREE-POLE, UL489 STANDARD, 400A - ICU 65KA AT



Certifications and compliance

Compliance

cULus

ETIM classification

EC000066 - Power contactor, AC switching