# P5ME4PS0630

MOULDED CASE CIRCUIT BREAKER THREE-POLE, IEC STANDARD, FOURTH POLE ON THE LEFT SIDE, 630A - ICU 65KA AT 400V



| | | | |
|---|---|---|---|
| **Electrical features** | | | |
| Number of poles | | Nr. | 4 |
| Rated current (≤40°C) | | A | 630 |
| Electronic overload trip adjustment range | | A | 252…630 |
| Electronic short circuit trip adjustment range | | A | 378…6300 |
| AC rated operation voltage Ue | | V | 690 |
| Rated insulation voltage Ui | | V | 1000 |
| Rated impulse withstand voltage Uimp | | kV | 8 |
| Short circuit breaking capacity Icu | | | |
| | 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 Ics | | | |
| | 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 | | M10 x 30 |
| | tool | | Metric Allen key 8 |
| Tightening torque for terminals | | | |
| | max | Nm | 48 |
| | max | lbin | 425 |
| Mounting position | | | |
| | normal | | On vertical plan |
| | allowable | | Any |
| Fixing | | | Screw |
| Weight | | g | 7200 |
| Mechanical life | | cycles | 20000 |
| Electrical life | | cycles | 6000 |
| Dimensions (W x H x D) | | mm | 186x260x110 |
| **Ambient conditions** | | | |
| Temperature | | | |
| | Operating temperature | | |
| | min | °C | -20 |
| | max | °C | +70 |
| | Storage temperature | | |
| | min | °C | -40 |


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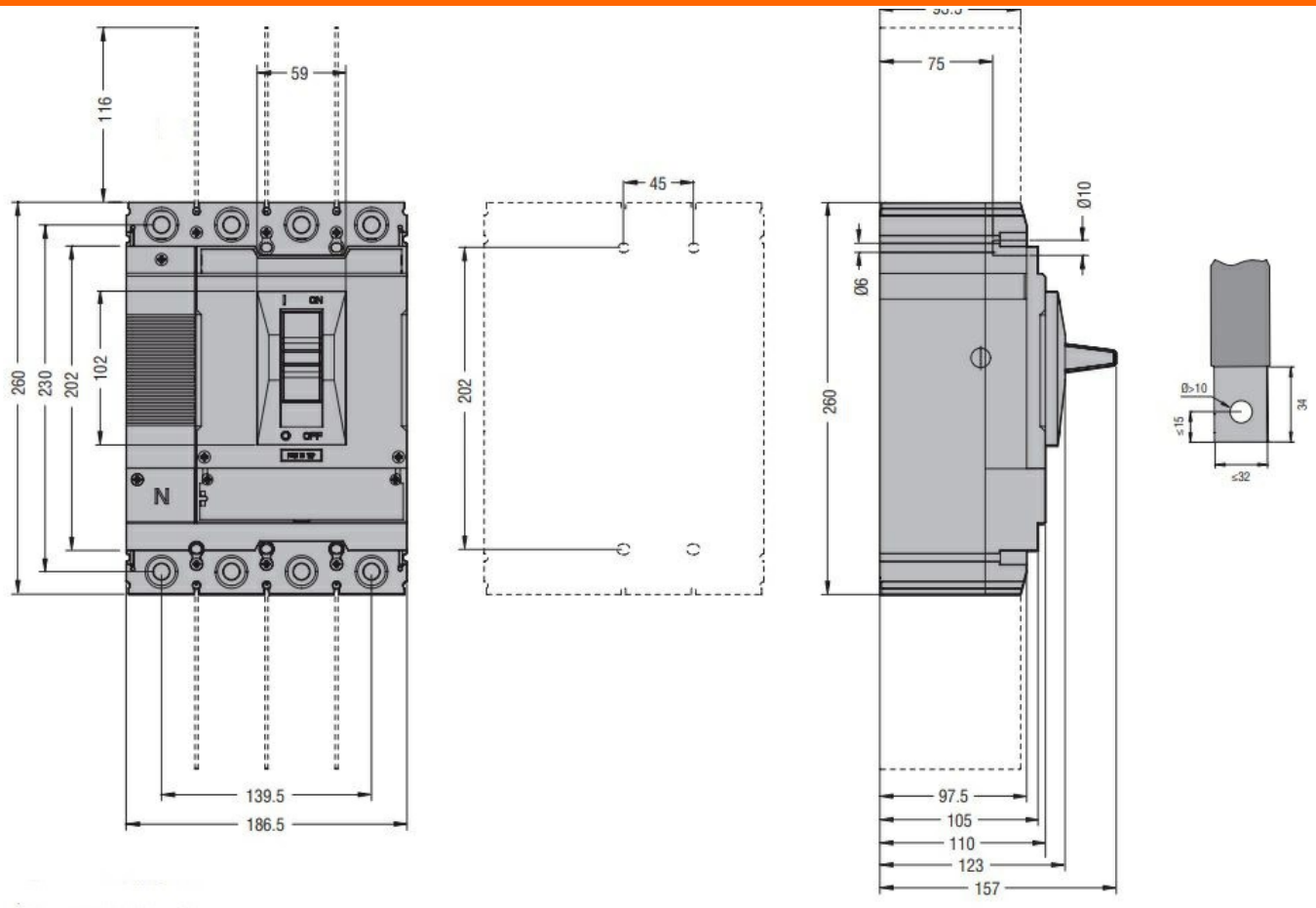
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| | | | |
|---|---|---|---|
| | max | °C | +80 |
| Current derating for temperature >40°C | | | |
| | 50°C | °C | 591 |
| | 60°C | °C | 555 |
| | 70°C | °C | 517 |

## Resistance & Protection

| | |
|---|---|
| Frontal IP degree | IP20 |

## Dimensions

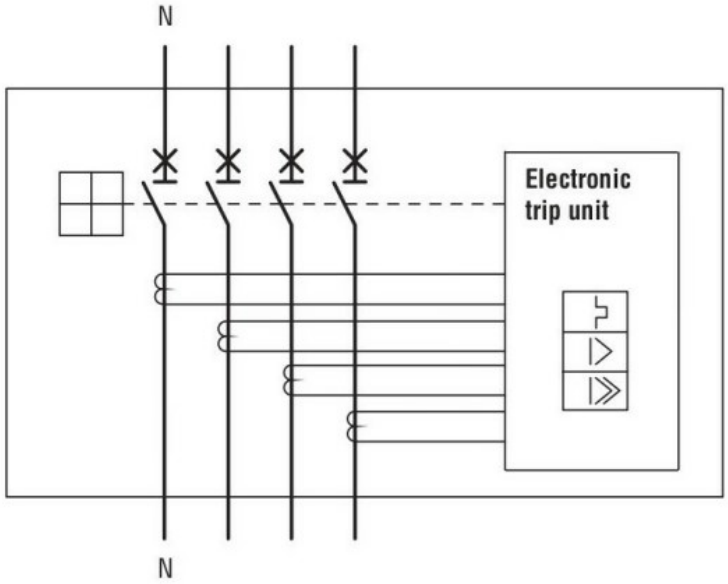



## Wiring diagrams


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## ETIM classification

EC000066 - Power contactor, AC switching


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