



Product designation

Product type designation

Type of CT

Current
transformers
DM3TA1000
Split-core

Current inputs

| | | | |
|--------------------------------------|---------|----|------|
| Primary current I _{pn} (/5) | | A | 1000 |
| Operational frequency | min | Hz | 50 |
| | max | Hz | 60 |
| Secondary output current | | A | 5 |
| Overload withstand I _{pn} | | % | 120 |
| Burden | cl. 0.5 | VA | 5 |
| | cl. 1 | VA | 10 |

Insulations

| | | | |
|--|--|-----------------------|---------|
| Rated insulation voltage U _i IEC/EN | | V | 720 |
| IEC rated short-time thermal current I _{th} | | I _{th} for s | 40...60 |
| IEC rated dynamic current I _{dyn} | | I _{th} for s | 2.5 |
| Insulation dry type | | | Class E |

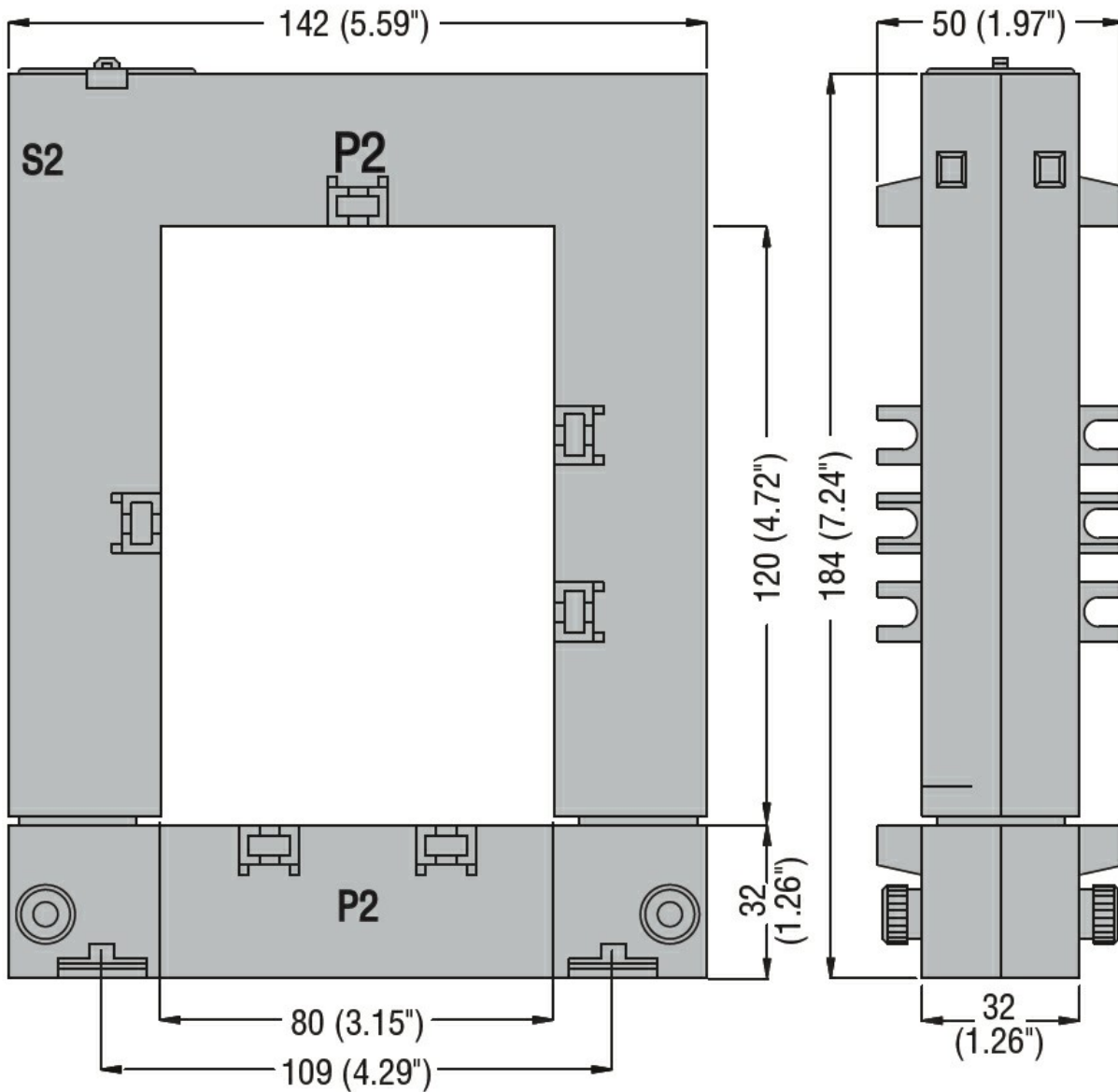
Mechanical features

| | | | |
|----------------|--|---|--------------|
| Terminals type | | | Screw |
| Fixing | | | Screw fixing |
| Weight | | g | 1250 |

Ambient conditions

| | | | | |
|-------------------|-----------------------|-----|----|------|
| Temperature | Operating temperature | min | °C | -25 |
| | | max | °C | +50 |
| | Storage temperature | min | °C | -40 |
| | | max | °C | +80 |
| Relative humidity | | | % | 90 |
| Protection degree | | | | IP30 |

Dimensions



Certifications and compliance

Certifications

IEC/EN 60044-1

Compliance

EAC

ETIM classification

EC000066 - Power contactor, AC switching