



Product designation

Product type designation

Type of CT

Current
transformers
DM1TA0500
Split-core

Current inputs

| | | |
|--------------------------------------|------------------|----------|
| Primary current I _{pn} (/5) | A | 500 |
| Operational frequency | min max | Hz Hz |
| | | 50 60 |
| Secondary output current | A | 5 |
| Overload withstand I _{pn} | % | 120 |
| Burden | cl. 0.5 cl. 1 | VA VA |
| | | 2.5 5 |

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 |

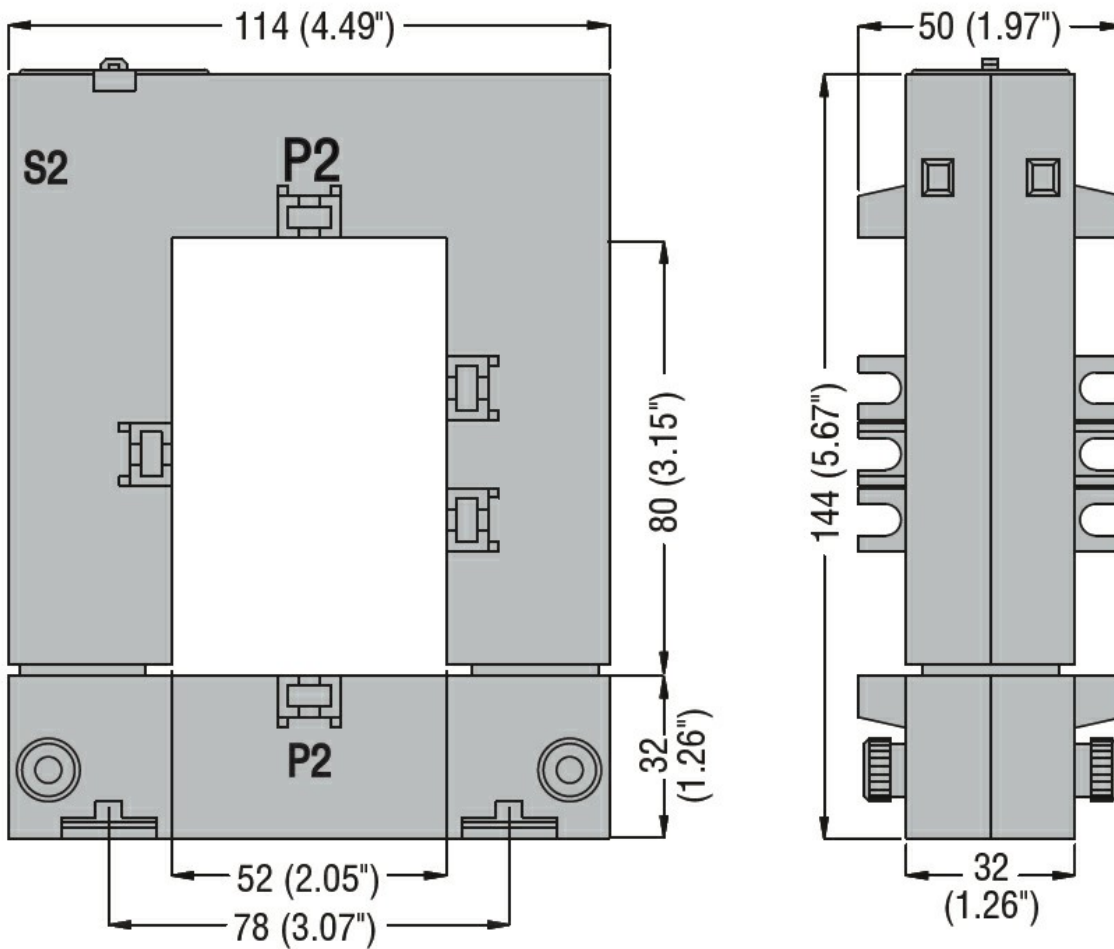
Mechanical features

| | |
|----------------|--------------|
| Terminals type | Screw |
| Fixing | Screw fixing |
| Weight | g |
| | 900 |

Ambient conditions

| | | | | |
|-------------------|-----------------------|------------|----------|------------|
| Temperature | Operating temperature | min max | °C °C | -25 +50 |
| | Storage temperature | min max | °C °C | -40 +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