



Product designation

Product type designation

Type of CT

Current  
transformers  
DM3TA0800  
Split-core

### Current inputs

|                               |                  |                      |
|-------------------------------|------------------|----------------------|
| Primary current $I_{pn}$ (/5) | A                | 800                  |
| Operational frequency         | min<br>max       | Hz<br>Hz<br>50<br>60 |
| Secondary output current      | A                | 5                    |
| Overload withstand $I_{pn}$   | %                | 120                  |
| Burden                        | cl. 0.5<br>cl. 1 | VA<br>VA<br>3<br>7.5 |

### 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 |

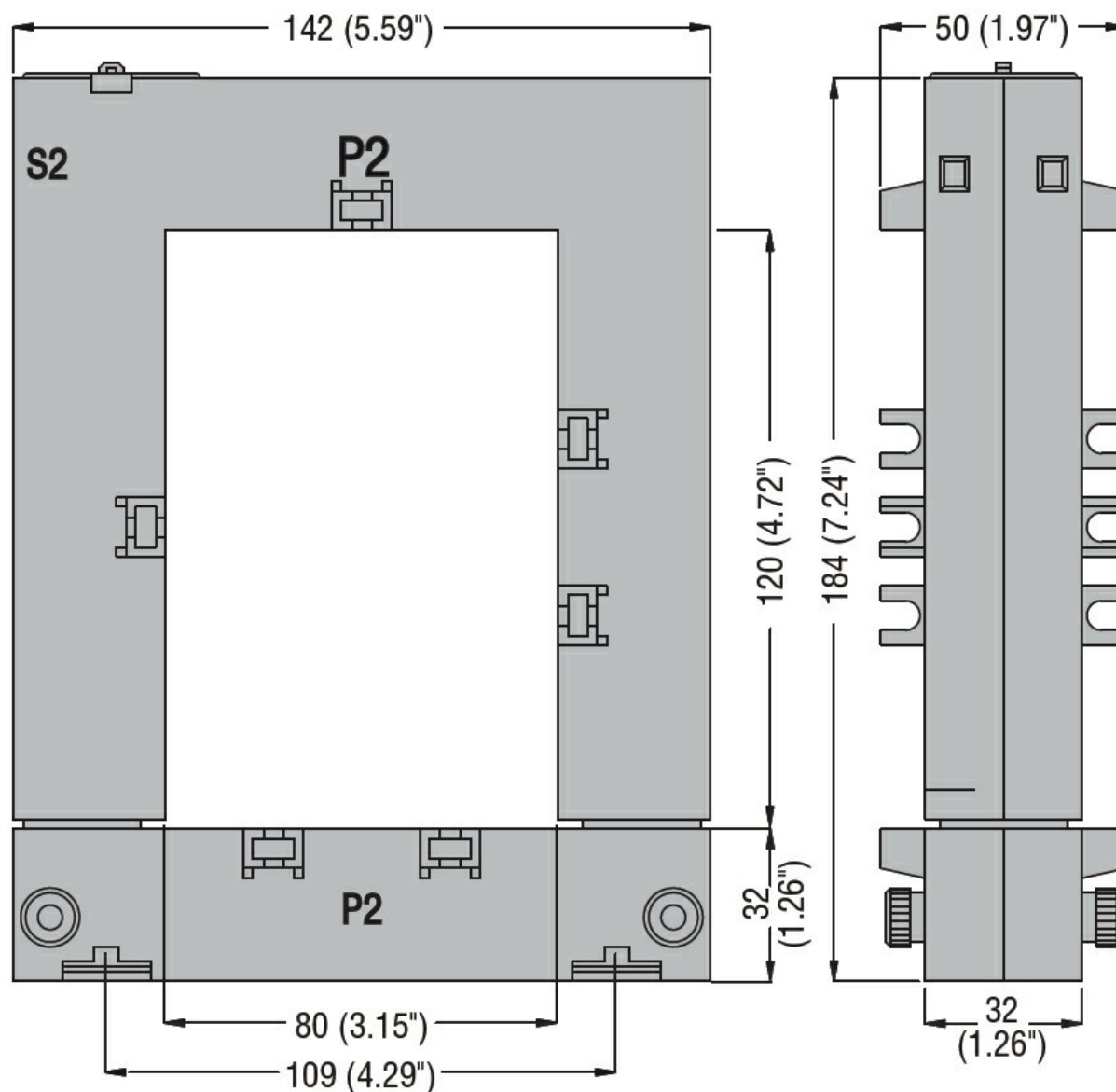
### Mechanical features

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

### Ambient conditions

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