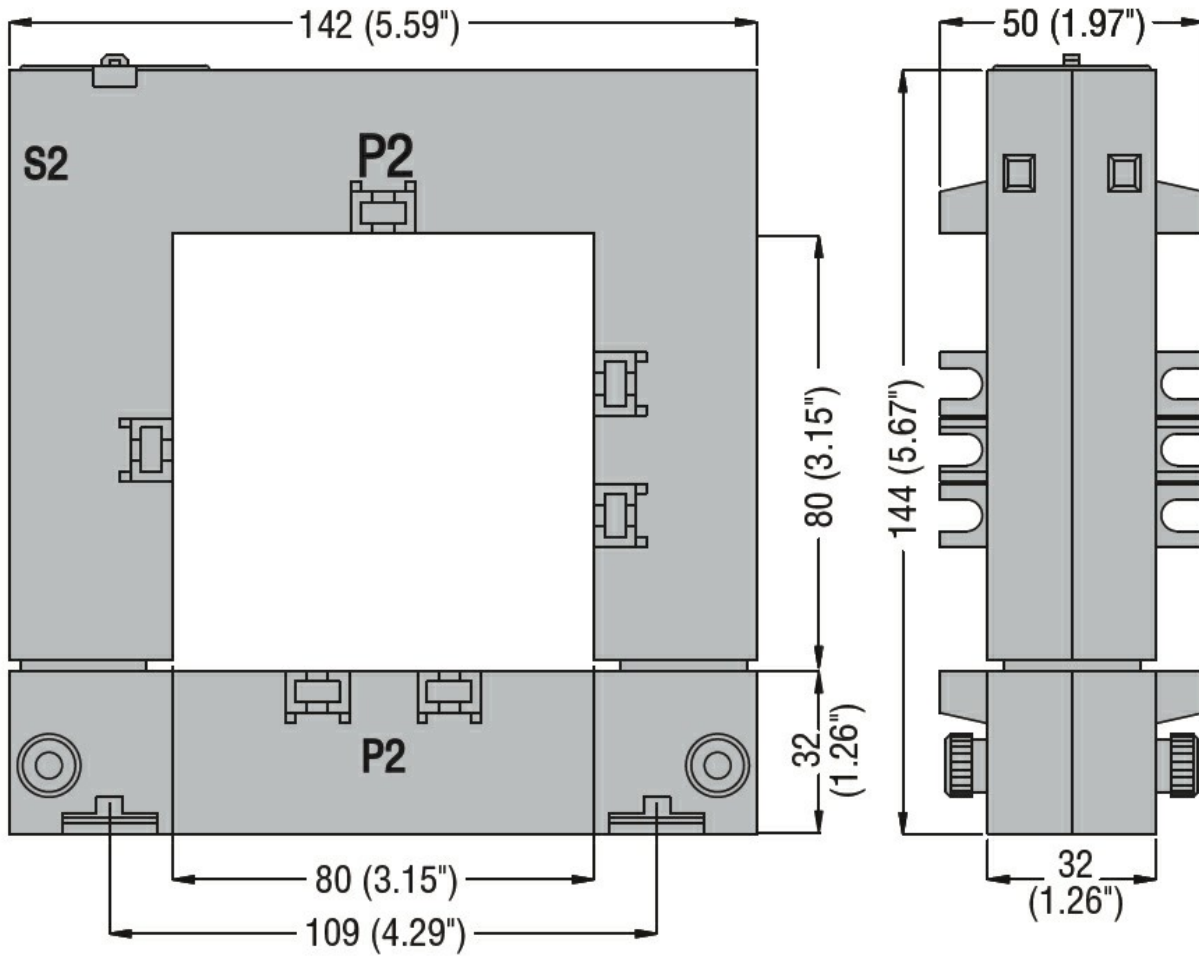




|  |                       |     |                       |                      |
|--|-----------------------|-----|-----------------------|----------------------|
| Product designation                                  |                       |     |                       | Current transformers |
| Product type designation                             |                       |     |                       | DM2TA0500            |
| Type of CT   |                       |     |                       | Split-core           |
| <b>Current inputs</b>                                |                       |     |                       |                      |
| Primary current I <sub>pn</sub> (/5)                 |                       |     | A                     | 500                  |
| Operational frequency                                | min                   | Hz  | 50                    |                      |
|  | max                   | Hz  | 60                    |                      |
| Secondary output current                             |                       |     | A                     | 5                    |
| Overload withstand I <sub>pn</sub>                   |                       |     | %                     | 120                  |
| Burden   | cl. 0.5               | VA  | 2.5                   |                      |
|  | cl. 1                 | VA  | 5                     |                      |
| <b>Insulations</b>                                   |                       |     |                       |                      |
| Rated insulation voltage U <sub>i</sub> IEC/EN       |                       |     | V                     | 720                  |
| IEC rated short-time thermal current I <sub>th</sub> |                       |     | I <sub>th</sub> for s | 40...60              |
| IEC rated dynamic current I <sub>dyn</sub>           |                       |     | I <sub>th</sub> for s | 2.5                  |
| Insulation dry type                                  |                       |     |                       | Class E              |
| <b>Mechanical features</b>                           |                       |     |                       |                      |
| Terminals type                                       |                       |     |                       | Screw                |
| Fixing   |                       |     |                       | Screw fixing         |
| Weight   |                       |     | g                     | 1050                 |
| <b>Ambient conditions</b>                            |                       |     |                       |                      |
| Temperature  | Operating temperature | min | °C                    | -25                  |
|  |                       | max | °C                    | +50                  |
| Storage temperature                                  |                       | min | °C                    | -40                  |
|  |                       | max | °C                    | +80                  |
| Relative humidity                                    |                       |     | %                     | 90                   |
| Protection degree                                    |                       |     |                       | IP30                 |
| <b>Dimensions</b>                                    |                       |     |                       |                      |



**Certifications and compliance**

Certifications

IEC/EN 60044-1

Compliance

EAC

**ETIM classification**

EC000066 - Power contactor, AC switching