



Current  
trasformers KIT -  
3  
DM1TP0300FKIT  
with UTF  
certificate  
DM1TP0300FKIT  
Solid-core

Product designation

Product type designation

Type of CT

#### Current inputs

|                               |                     |                      |
|-------------------------------|---------------------|----------------------|
| Primary current $I_{pn}$ (/5) | A                   | 300                  |
| Operational frequency         | min<br>max          | Hz<br>Hz<br>50<br>60 |
| Secondary output current      | A                   | 5                    |
| Overload withstand $I_{pn}$   | %                   | 120                  |
| Burden                        | cl. 0.5s<br>cl. 0.5 | VA<br>VA<br>2.5<br>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         |   | DIN rail or by<br>Screw |
| Weight         | g | 480                     |

#### Ambient conditions

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

#### Certifications and compliance

Certifications

IEC/EN 61869-1  
IEC/EN 61869-2

#### ETIM classification

EC000066 - Power contactor, AC switching