

M-Meter

DDSU666 / DTSU666 / DSSU666



DDSU666



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| Items                                     | Unit | DDSU666                                              |                                               | DTSU666                                        |                                               | DSSU666                |
|-------------------------------------------|------|------------------------------------------------------|-----------------------------------------------|------------------------------------------------|-----------------------------------------------|------------------------|
|                                           |      | 81071004                                             | 81071002                                      | 81071005                                       | 81071003                                      | 82071004               |
|                                           |      |                                                      |                                               |                                                |                                               |                        |
| Electrical parameters                     |      |                                                      |                                               |                                                |                                               |                        |
|                                           |      |                                                      |                                               |                                                |                                               |                        |
| Grid setup                                |      | Single-phase                                         |                                               | Three-phase four-wire                          |                                               | Three-phase three-wire |
| Nominal voltage                           | V    | 220/230/240                                          |                                               | 380/400/415                                    |                                               | 380/400/415            |
| Current measuring range (depending on CT) | A    | 0 to 250 (default )<br>0 to 400 (configurable)       | 0 to 80 (default )<br>0 to 100 (configurable) | 0 to 250 (default )<br>0 to 400 (configurable) | 0 to 80 (default )<br>0 to 100 (configurable) | 0 to 400               |
| Voltage measuring range                   | V    | 100 to 276 (L-N)                                     |                                               | 57.7 to 288 (L-N)<br>100 to 500 (L-L)          |                                               | 100 to 500 (L-L)       |
| Nominal primary current (CT)              | A    | 250 (default )<br>400 (configurable)                 | 80(default )<br>100 (configurable)            | 250 (default )<br>400 (configurable)           | 80(default )<br>100 (configurable)            | 400                    |
| CT ratio                                  |      | 5,000:1 (default )<br>10,000:1 (configurable)        | 2,000:1                                       | 5,000:1 (default )<br>10,000:1 (configurable)  | 2,000:1                                       | 10,000:1               |
| Nominal frequency                         | Hz   | 50/60                                                |                                               | 50/60                                          |                                               | 50/60                  |
|                                           |      |                                                      |                                               |                                                |                                               |                        |
| Mechanical parameters                     |      |                                                      |                                               |                                                |                                               |                        |
|                                           |      |                                                      |                                               |                                                |                                               |                        |
| Dimensions (W × H × D)                    | mm   | 36 × 100 × 65.5                                      |                                               | 72×100×65.5                                    |                                               | 72×100×65.5            |
| Weight                                    | kg   | 0.15                                                 |                                               | 0.3                                            |                                               | 0.3                    |
| Ambient temperature range                 | °C   | -25 to +55                                           |                                               | -25 to +55                                     |                                               | -25 to +55             |
| Power cable                               | mm²  | 4 to 25                                              |                                               | 4 to 25                                        |                                               | 4 to 25                |
| Communication cable                       | mm²  | 0.25 to 1.5                                          |                                               | 0.25 to 1.5                                    |                                               | 0.25 to 1.5            |
| Installation method                       |      | DIN35 rail mounting                                  |                                               |                                                |                                               |                        |
| Baud rate                                 | bps  | 1200 / 2400 / 4800 / 9600 (default) / 19200 / 115200 |                                               |                                                |                                               |                        |
| Access method                             |      | External CT input                                    |                                               |                                                |                                               |                        |
| Accuracy class                            |      | Class 1                                              | Class 1                                       | Class 1                                        | Class 1                                       | Class 1                |
|                                           |      |                                                      |                                               |                                                |                                               |                        |
| Communication interfaces                  |      |                                                      |                                               |                                                |                                               |                        |
|                                           |      |                                                      |                                               |                                                |                                               |                        |
| CT side                                   |      | RS485                                                |                                               |                                                |                                               |                        |
| Display                                   |      | 1 × Built-in display                                 |                                               |                                                |                                               |                        |
|                                           |      |                                                      |                                               |                                                |                                               |                        |
| Compliance                                |      |                                                      |                                               |                                                |                                               |                        |
|                                           |      |                                                      |                                               |                                                |                                               |                        |
| Certification                             |      | CE, RCM, SAA                                         |                                               |                                                |                                               |                        |