

# DTSU666-20

## Accessories



| Technical parameters               | DTSU666-20                                                    |
|------------------------------------|---------------------------------------------------------------|
| <b>Input</b>                       |                                                               |
| Rated voltage                      | 230 Vac L-N / 400 Vac L-L                                     |
| AC voltage range                   | 50 ~ 280 Vac L-N / 85 ~ 485 Vac L-L                           |
| Measurement range                  | CT: 0 ~100 A or 0 ~ 250 A, Rogwski coil: 0~1000 A or 0~3000 A |
| Accuracy class                     | 1 *                                                           |
| Power consumption                  | ≤ 1.5 W (6 VA)                                                |
| CTs available input no.            | 6                                                             |
| <b>Communication</b>               |                                                               |
| Serial port                        | RS485 * 1, 9600 bps                                           |
| <b>Protection and data storage</b> |                                                               |
| Insulation resistance              | > 100MΩ                                                       |
| Overvoltage category               | III                                                           |
| Data storage time                  | 10 Years                                                      |
| <b>Ambient conditions</b>          |                                                               |
| Operating temperature              | -25 °C ~ 70 °C                                                |
| Relative air humidity              | ≤ 75 % (non-condensing)                                       |
| Max. operating altitude            | ≤ 2000 m                                                      |
| Protection class                   | IP20                                                          |
| <b>Mechanical parameters</b>       |                                                               |
| Dimensions (W x H x D)             | 72 mm × 118 mm × 65.5 mm                                      |
| Weight                             | 800 g                                                         |
| AC connection                      | 1 - 6 mm <sup>2</sup>                                         |
| Comm. connection                   | 0.2 - 1 mm <sup>2</sup>                                       |
| Mounting type                      | 35 mm Din-rail mounting                                       |
| Certificate compliance             | EN61326-1, EN61010-1                                          |

| Technical parameters      | CT                                             |
|---------------------------|------------------------------------------------|
| <b>CT** specification</b> |                                                |
| CT type                   | Split Core                                     |
| Max. input current        | 100 A or 250 A                                 |
| Output voltage            | 333 mV                                         |
| Cable lengths             | 6 m                                            |
| CT model                  | ZTY6.176.532 for 100 A, ZTY6.176.533 for 250 A |

\* Measurement accuracy is determined by installation if use Rogwski coil.

\*\* CTs need to be ordered seperately, while for certain types of inverters, CTs are provided by default, please refer to inverters mannual for details.

