### Current transformers - DSW series

# DSW 60/80

- Nickel-plated terminals
- Sealable terminal covers
- Bar-type current transformer



# Technical data

#### 1. Functions

Current transformer proper for sensing and monitoring relays produced by TELE

#### 2. Mechanical design

2. We chain a design Self-extinguishing plastic housing, IP rating IP20, Wall mounting (mounting clip included) or mounting on DIN-Rail TS35 according to EN 50022 (mounting clip MC-SW not included) Mounting position: any Shockproof terminal connection according to VBG 4, IP rating IP20 Initial torque: max. 0.5Nm Terminal capacity: 2 x 4mm<sup>2</sup> flexible with multicore cable end

3. Technical data

Rated frequency: Rated impulse current: Rated thermal current: Thermal short-term current:

Nominal operating voltage:

50 to 60Hz min. 100kA or 2.5 x I<sub>N</sub> I<sub>D</sub> = 1.2 x I<sub>N</sub> (according to DINVDE 0414) I<sub>th</sub> = 60 x I<sub>N</sub> max. 720V 3kV (according to DINVDE 0414 Part 1) FS5 resp. FS10

Overload limiting factor: Insulation class:

DSW 60:

Surge voltage:

| I <sub>sek</sub> | Primary rated current I <sub>pri</sub> |      |     |     |     |     |      |     |     |     |    |
|------------------|--|------|-----|-----|-----|-----|------|-----|-----|-----|----|
|                  | 50                                     | 60   | 75  | 80  | 100 | 125 | 150  | 200 | 250 | 300 | Α  |
| 5A               | 1.25                                   | 1.25 | 2.5 | 2.5 | 2.5 | 2.5 | 3.75 | 5   | 5   | 5   | VA |
| KI.              | 3                                      | 1    | 3   | 3   | 1   | 1   | 1    | 1   | 1   | 1   |    |

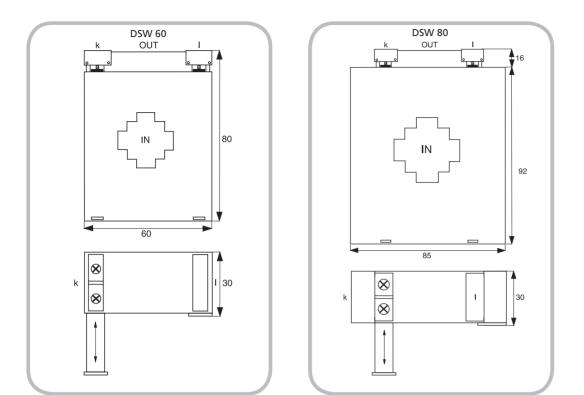
DSW 80:

| I <sub>sek</sub> | Primary rated current Ipri |     |     |     |     |      |      |      |    |  |  |
|------------------|----------------------------|-----|-----|-----|-----|------|------|------|----|--|--|
|                  | 400                        | 500 | 600 | 750 | 800 | 1000 | 1250 | 1500 | Α  |  |  |
| 5A               | 10                         | 10  | 10  | 10  | 10  | 10   | 10   | 10   | VA |  |  |
| KI.              | 1                          | 1   | 1   | 1   | 1   | 1    | 1    | 1    |    |  |  |

• 4. Accessories

MC-SW: Mounting clip required for fixing the device on DIN-Rail TS 35

## Dimensions





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