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 4mm² 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_N I_D = 1.2 x I_N (according to DINVDE 0414) I_{th} = 60 x I_N max. 720V 3kV (according to DINVDE 0414 Part 1) FS5 resp. FS10

Overload limiting factor: Insulation class:

DSW 60:

Surge voltage:

| I _{sek} | Primary rated current I _{pri} | | | | | | | | | | |
|------------------|--|------|-----|-----|-----|-----|------|-----|-----|-----|----|
| | 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 | |

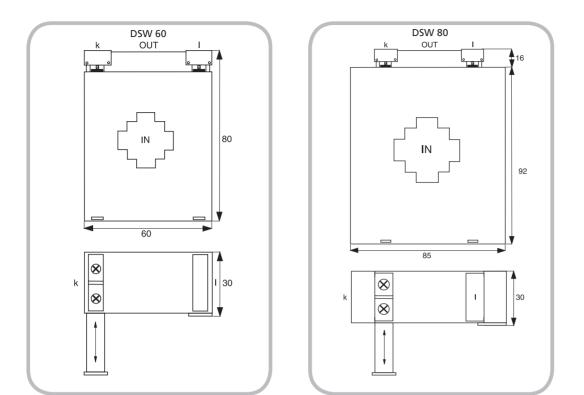
DSW 80:

| I _{sek} | 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





www.tele-power-net.com