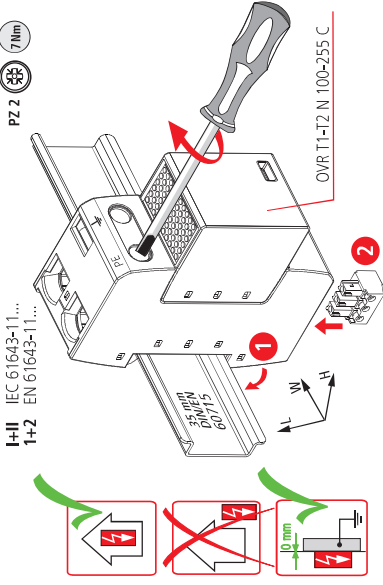
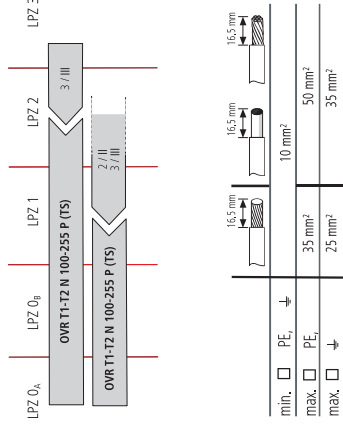


## OVR T1-T2 N 100-255 P (TS)

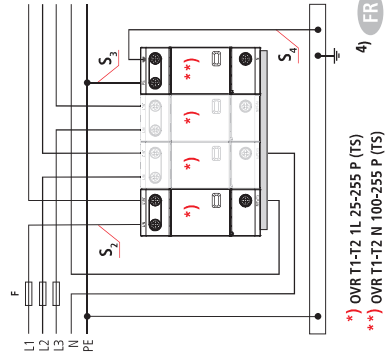
DE Einbauanleitung  
GB Installation instructions  
IT Istruzioni di montaggio  
FR Instructions de montage  
NL Montagehandleiding  
ES Instrucciones de montaje  
PT Instruções de montagem  
DK Monteringsvejledning  
SE Monteringsanvisning  
FI Asemusohje  
GR Οδηγίες συναρμολόγησης  
PL Instrukcja montażu  
CZ Montážní návod  
TR Kurulum talimatları  
RU Инструкции по монтажу  
CN 安裝說明書  
HU Szerelési útmutató  
JP 設置説明書



| OVR T1-T2 N 100-255 P (TS) |                               | OVR T1-T2 1L 25-255 P (TS) |
|----------------------------|-------------------------------|----------------------------|
| $U_c$                      | 255 V (50/60 Hz)              | 264 V (50/60 Hz)           |
| $U_{li}/Tol. \pm 10\%$     | 230 V (50/60 Hz)              | 264 V (50/60 Hz)           |
| $I_n$                      | 100 A <sub>max</sub>          | 50 kA <sub>max</sub>       |
| $I_{CCR}$                  | ---                           | 50 kA <sub>max</sub>       |
| $I_{imp}$ 10/350 $\mu$ s   | 100 kA                        | 25 kA                      |
| $I_k$ 8/20 $\mu$ s         | 100 kA (N-PE)                 | 25 kA (L-N)                |
| max. $\Rightarrow$ 1)      | ---                           | 125 A gG                   |
| max. $\Rightarrow$ 2)      | ---                           | 315 A gG                   |
| $\vartheta$                | -40°C ... +80°C (... +60°C 2) | 5% ... 95%                 |
| $I_{ph}$                   | < 1 mA                        | 20                         |
| $I_{ph}$                   | < 10 $\mu$ A                  | ---                        |
| L x W x H                  | [90+9] mm x 36 mm x 73 mm     | ---                        |

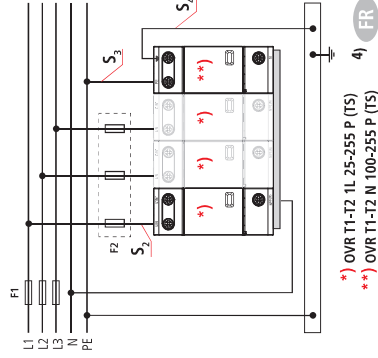


## 1) TT/TN-S (1+1) / (3+1)



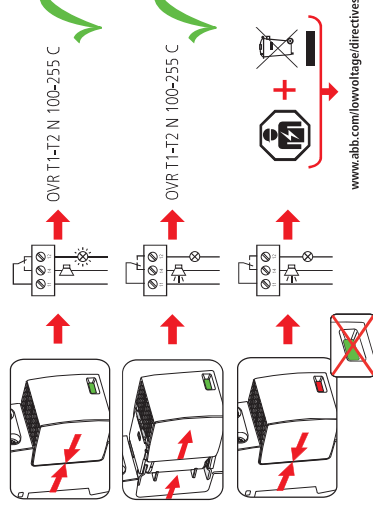
\*) OVR T1-T2 1L 25-255 P (TS)  
\*\*) OVR T1-T2 N 100-255 P (TS)

## 2) TT/TN-S (1+1) / (3+1)



\*) OVR T1-T2 1L 25-255 P (TS)  
\*\*) OVR T1-T2 N 100-255 P (TS)

| OVR T1-T2 1L 25-255 P (TS) |     | $S_2$ / mm <sup>2</sup> | $S_3$ / mm <sup>2</sup> | $S_4$ / mm <sup>2</sup> |
|----------------------------|-----|-------------------------|-------------------------|-------------------------|
| F                          | 25  | 10                      | 16                      | 16                      |
|                            | 35  | 10                      | 16                      | 16                      |
|                            | 40  | 10                      | 16                      | 16                      |
|                            | 50  | 10                      | 16                      | 16                      |
|                            | 63  | 10                      | 16                      | 16                      |
|                            | 80  | 16                      | 16                      | 16                      |
| F                          | 100 | 25                      | 16                      | 16                      |
|                            | 125 | 35                      | 16                      | 16                      |



www.abb.com/lowvoltage/directives

| OVR T1-T2 N 100-255 P TS |                                                    | $U_n$ / $I_n$ | $U_n$ / $I_n$            |
|--------------------------|----------------------------------------------------|---------------|--------------------------|
| AC: 250 V / 0.5 A        | DC: 250 V / 0.1 A<br>125 V / 0.2 A<br>75 V / 0.5 A | 11 14 12      | max. 1.5 mm <sup>2</sup> |
|                          |                                                    |               |                          |
|                          |                                                    |               |                          |

| F1 / F2       | $S_2$ / mm <sup>2</sup> | $S_3$ / mm <sup>2</sup> | $S_4$ / mm <sup>2</sup> |
|---------------|-------------------------|-------------------------|-------------------------|
| ... 80 A      | 10                      | 16                      | 16                      |
| 100 ... 125 A | 16                      | 16                      | 16                      |
| 160 A         | 25                      | 25                      | 25                      |
| 200 ... 250 A | 35                      | 35                      | 25                      |
| 315 A         | 50                      | 50                      | 25                      |

| OVR T1-T2 1L 25-255 P (TS) |                               |
|----------------------------|-------------------------------|
| F1                         | F1 $\leq$ 315 A               |
| F2                         | F1 > 315 A<br>F2 $\leq$ 315 A |

