

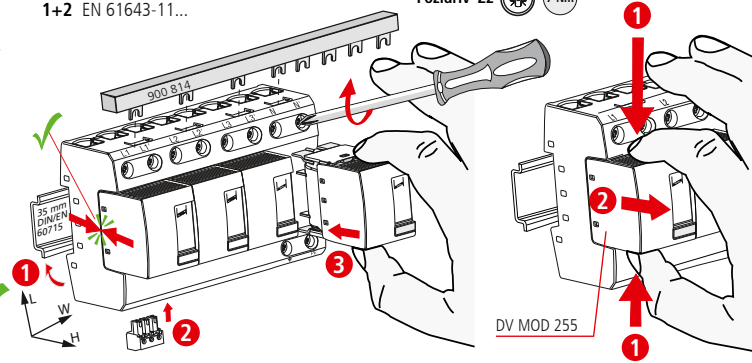
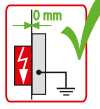
**DEHNventil®modular DV M TNS 255 (FM)**

- 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 Asennusohje
- GR Οδηγίες συναρμολόγησης
- PL Instrukcja montażu
- CZ Návod k montáži
- TR Montaj kılavuzu
- RU Инструкция по монтажу
- CN 安装说明
- HU Szerelési útmutató
- JP 設置説明書

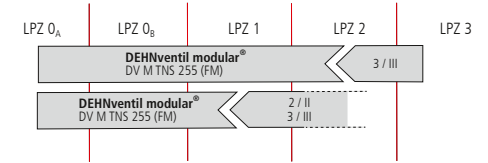


I+II IEC 61643-11...  
1+2 EN 61643-11...

Pozidriv®Z2 (7 Nm)

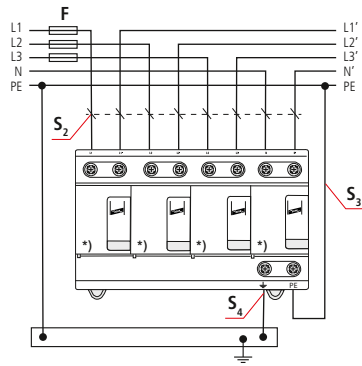


|                        |  |
|------------------------|--|
| $U_N$                  | 230 / 400 V (50/60 Hz) Tol.: 0V ... $U_c$                          |
| $U_c$                  | 264 V (50/60 Hz)   |
| $I_{fl} 1)$            | 50 kA <sub>rms</sub>   |
| $I_{SCCR}$             | 50 kA <sub>rms</sub>   |
| $I_{imp} 10/350 \mu s$ | 25 kA (L,N $\Rightarrow$ PE); 100 kA (L1+L2+L3+N $\Rightarrow$ PE) |
| max. $I_{sc} 2)$       | 125 A gG   |
| max. $I_{sc} 3)$       | 315 A gG   |
| $\theta$               | -40°C ... +80°C (... +60°C 2))                                     |
| $I_{PE}$               | << 10 $\mu A$  |
| $\phi$                 | 5% ... 95%   |
| IP 4)                  | 20   |
| L x W x H              | 90 mm x 144 mm x 73 mm   |

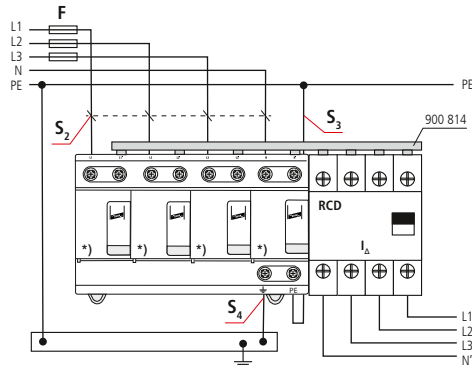


|   |                       |                    |
|---|-----------------------|--------------------|
| min. $\square$ L1, L1', L2, L2', L3, L3', N, N', PE, $\downarrow$ | 10 mm <sup>2</sup>    |                    |
| max. $\square$ L1, L2, L3, N, PE                                  | 35 mm <sup>2</sup>    | 50 mm <sup>2</sup> |
| max. $\square$ L1', L2', L3', N', $\downarrow$                    | 25 mm <sup>2</sup>    | 35 mm <sup>2</sup> |
| $\square$   | 16 mm <sup>2</sup> Cu | $\geq 15.5$ mm     |

2) TNS



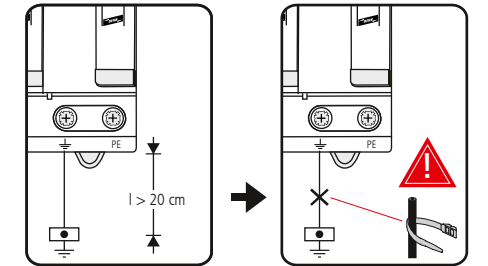
\*) DV MOD 255



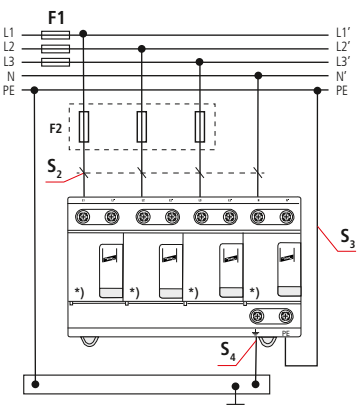
\*) DV MOD 255

|                                      |                   |
|--------------------------------------|-------------------|
| DEHNventil modular DV M TNS 255 (FM) |                   |
| $F$                                  | $F \leq 125$ A gG |
|                                      | $F > 125$ A gG    |

| $F$<br>A gG | $S_2$ / mm <sup>2</sup> | $S_3$ / mm <sup>2</sup> | $S_4$ / mm <sup>2</sup> |
|-------------|-------------------------|-------------------------|-------------------------|
| 25          | 10                      | 16                      | 16                      |
| 35          | 10                      | 16                      | 16                      |
| 40          | 10                      | 16                      | 16                      |
| 50          | 10                      | 16                      | 16                      |
| 63          | 10                      | 16                      | 16                      |
| 80          | 16                      | 16                      | 16                      |
| 100         | 25                      | 16                      | 16                      |
| 125         | 35                      | 16                      | 16                      |



3) TNS

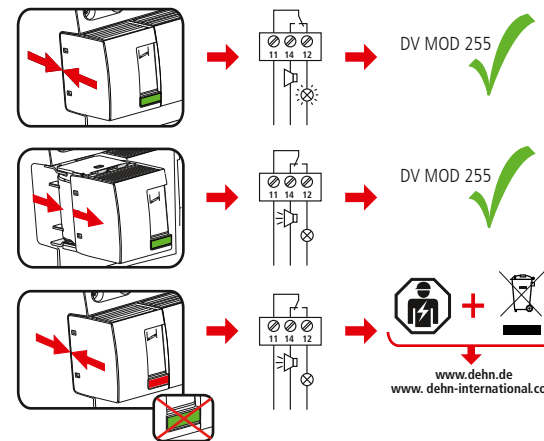


\*) DV MOD 255

|                                      |                    |
|--------------------------------------|--------------------|
| DEHNventil modular DV M TNS 255 (FM) |                    |
| $F1$                                 | $F1 > 315$ A gG    |
|                                      | $F2 \leq 315$ A gG |
| $F2$                                 | $F1 \leq 315$ A gG |
|                                      | $F2 > 315$ A gG    |

$I_k \leq 100$  kA<sub>rms</sub>

| $F1$<br>A gG | $S_2$ / mm <sup>2</sup> | $S_3$ / mm <sup>2</sup> | $S_4$ / mm <sup>2</sup> | $F2$<br>A gG |
|--------------|-------------------------|-------------------------|-------------------------|--------------|
| 25           | 10                      | 16                      | 16                      | ---          |
| 35           | 10                      | 16                      | 16                      | ---          |
| 40           | 10                      | 16                      | 16                      | ---          |
| 50           | 10                      | 16                      | 16                      | ---          |
| 63           | 10                      | 16                      | 16                      | ---          |
| 80           | 10                      | 16                      | 16                      | ---          |
| 100          | 16                      | 16                      | 16                      | ---          |
| 125          | 16                      | 16                      | 16                      | ---          |
| 160          | 25                      | 25                      | 25                      | ---          |
| 200          | 35                      | 35                      | 25                      | ---          |
| 250          | 35                      | 35                      | 25                      | ---          |
| 315          | 50                      | 50                      | 25                      | ---          |
| >315         | 50                      | 50                      | 25                      | 315          |



|                                    |                   |
|------------------------------------|-------------------|
| DEHNventil modular DV M TNS 255 FM |                   |
|                                    | AC: 250 V / 0.5 A |
|                                    | DC: 250 V / 0.1 A |
|                                    | 125 V / 0.2 A     |
|                                    | 75 V / 0.5 A      |
| max. 1.5 mm <sup>2</sup>           |                   |

