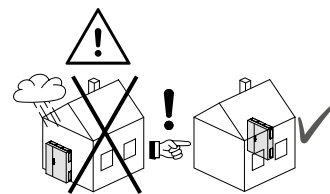
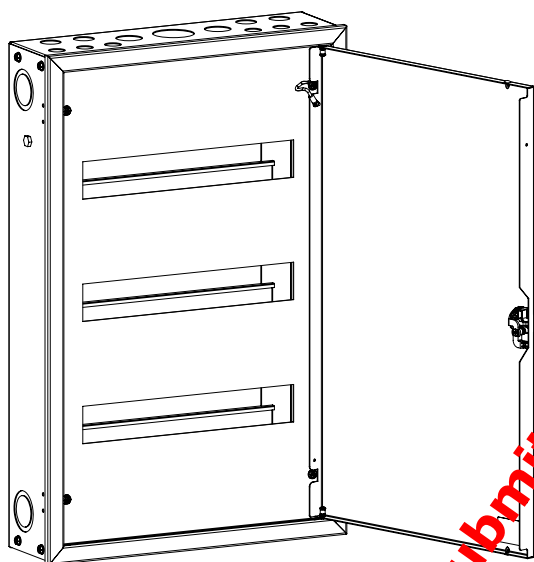


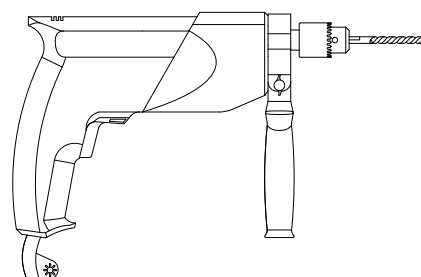
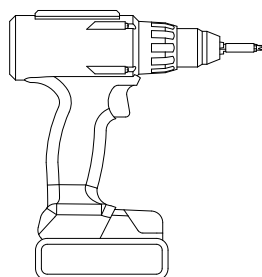
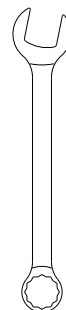
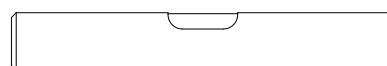
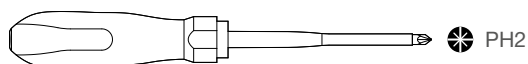
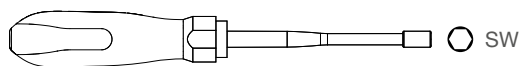
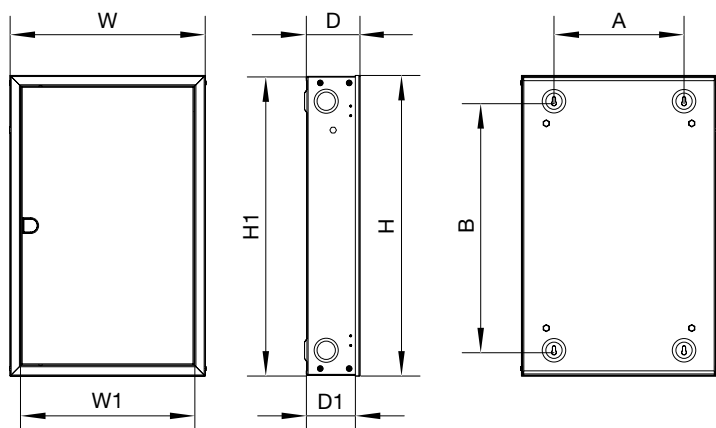
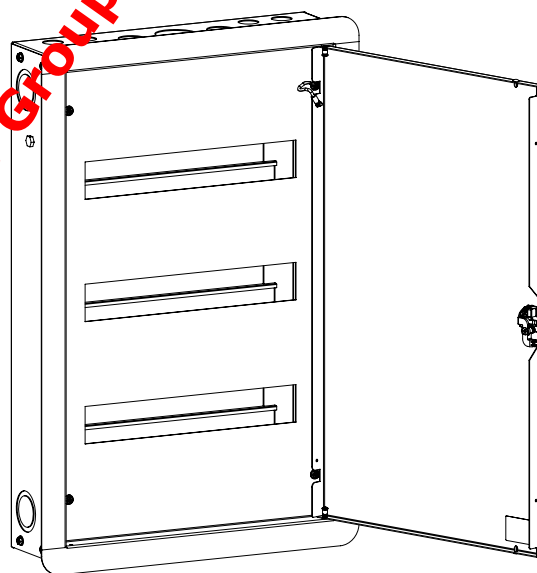
DIN rail distribution Board



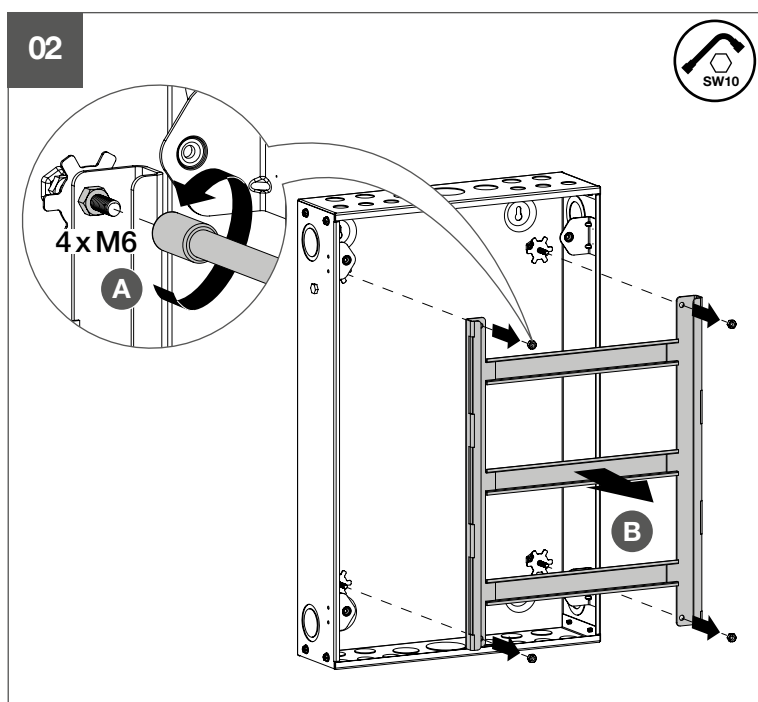
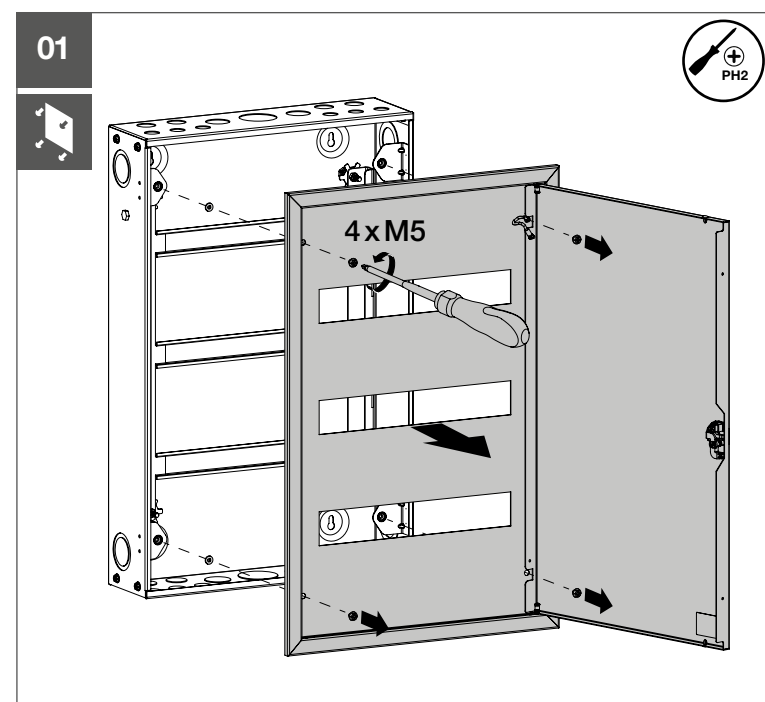
For indoor use only!



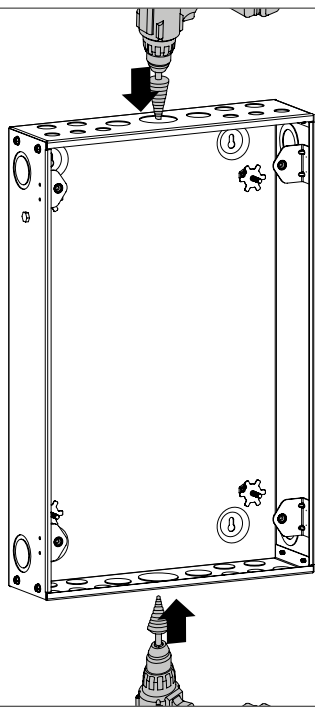
Submitted by TECO Group



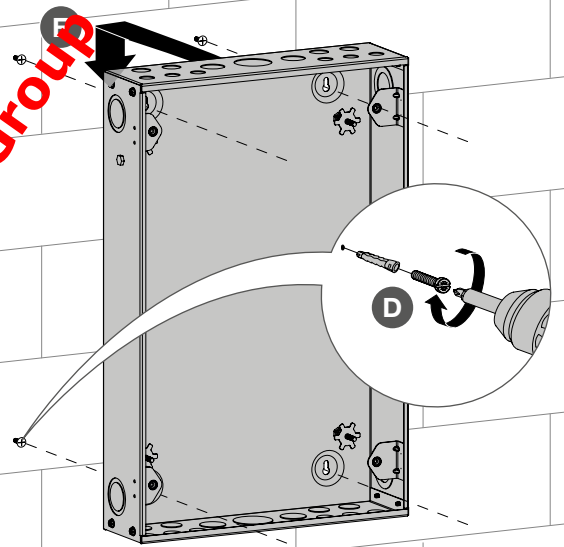
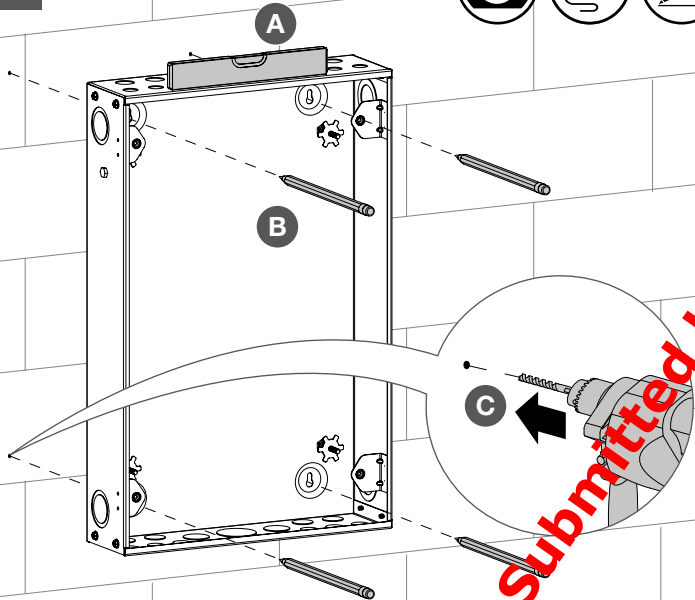
|           |                | Dimensions [mm] |     |          |      |     |            |     |     |        | Permissible power loss for enclosures without ventilation |         |         |         |         |
|-----------|----------------|-----------------|-----|----------|------|-----|------------|-----|-----|--------|-----------------------------------------------------------|---------|---------|---------|---------|
|           |                | overall         |     | back box |      |     | wall mount |     |     | Weight | openings during internal ambient temperature rise Δt      |         |         |         |         |
| Reference | No. of modules | H               | W   | D        | H1   | W1  | D1         | A   | B   | Kg     | 10 K                                                      | 15 k    | 20 K    | 25 K    | 30 K    |
| DR16F     | 16             | 350             | 430 | 110      | 320  | 400 | 109        | N/A | N/A | 6.5    | 6.34 W                                                    | 9.51 W  | 12.68 W | 15.85 W | 19.02 W |
| DR32F     | 32             | 500             | 430 | 110      | 470  | 400 | 109        | N/A | N/A | 9.0    | 9.30 W                                                    | 13.95 W | 18.61 W | 23.26 W | 27.91 W |
| DR48F     | 48             | 650             | 430 | 110      | 620  | 400 | 109        | N/A | N/A | 11.0   | 12.27 W                                                   | 18.40 W | 24.53 W | 30.66 W | 36.80 W |
| DR64F     | 64             | 800             | 430 | 110      | 770  | 400 | 109        | N/A | N/A | 12.7   | 15.23 W                                                   | 22.84 W | 30.46 W | 38.07 W | 45.68 W |
| DR80F     | 80             | 950             | 430 | 110      | 920  | 400 | 109        | N/A | N/A | 15.0   | 17.70 W                                                   | 26.54 W | 35.39 W | 44.24 W | 53.09 W |
| DR96F     | 96             | 1100            | 430 | 110      | 1070 | 400 | 109        | N/A | N/A | 17.0   | 21.35 W                                                   | 32.03 W | 42.70 W | 53.38 W | 64.05 W |
| DR16S     | 16             | 325             | 405 | 115      | 320  | 400 | 109        | 270 | 217 | 6.0    | 8.97 W                                                    | 14.85 W | 21.24 W | 28.03 W | 35.17 W |
| DR32S     | 32             | 475             | 405 | 115      | 470  | 400 | 109        | 270 | 367 | 8.3    | 10.28 W                                                   | 17.03 W | 24.35 W | 32.14 W | 40.33 W |
| DR48S     | 48             | 625             | 405 | 115      | 620  | 400 | 109        | 270 | 517 | 10.6   | 13.52 W                                                   | 22.39 W | 32.02 W | 42.27 W | 53.02 W |
| DR64S     | 64             | 775             | 405 | 115      | 770  | 400 | 109        | 270 | 667 | 12.7   | 15.87 W                                                   | 26.28 W | 37.59 W | 49.61 W | 62.24 W |
| DR80S     | 80             | 925             | 405 | 115      | 920  | 400 | 109        | 270 | 817 | 15.3   | 18.24 W                                                   | 30.19 W | 43.18 W | 57.00 W | 71.51 W |
| DR96S     | 96             | 1075            | 405 | 115      | 1070 | 400 | 109        | 270 | 967 | 17.3   | 20.60 W                                                   | 34.11 W | 48.78 W | 64.39 W | 80.78 W |
| DR424F    | 96             | 800             | 620 | 110      | 770  | 590 | 109        | N/A | N/A | 12.7   | 19.95W                                                    | 33.04W  | 47.26W  | 62.37W  | 78.25W  |
| DR524F    | 120            | 950             | 620 | 110      | 920  | 590 | 109        | N/A | N/A | 15.0   | 22.76W                                                    | 37.68W  | 53.89W  | 71.13W  | 89.24W  |
| DR624F    | 144            | 1100            | 620 | 110      | 1070 | 590 | 109        | N/A | N/A | 17.0   | 25.57W                                                    | 42.34W  | 60.56W  | 79.93W  | 100.27W |
| DR424S    | 96             | 775             | 620 | 115      | 770  | 590 | 109        | 460 | 667 | 12.7   | 21.48W                                                    | 35.57W  | 50.87W  | 67.14W  | 84.23W  |
| DR524S    | 120            | 925             | 620 | 115      | 920  | 590 | 109        | 460 | 817 | 15.3   | 24.42W                                                    | 40.44W  | 57.84W  | 76.34W  | 95.77W  |
| DR624S    | 144            | 1075            | 620 | 115      | 1070 | 590 | 109        | 460 | 967 | 17.3   | 27.39W                                                    | 45.35W  | 64.86W  | 85.61W  | 107.40W |
| DR16FT    | 16             | 350             | 430 | 110      | 320  | 400 | 109        | N/A | N/A | 7.2    | 6.34 W                                                    | 9.51 W  | 12.68 W | 15.85 W | 19.02 W |
| DR32FT    | 32             | 500             | 430 | 110      | 470  | 400 | 109        | N/A | N/A | 8.0    | 9.30 W                                                    | 13.95 W | 18.61 W | 23.26 W | 27.91 W |
| DR48FT    | 48             | 650             | 430 | 110      | 620  | 400 | 109        | N/A | N/A | 10.2   | 12.27 W                                                   | 18.40 W | 24.53 W | 30.66 W | 36.80 W |
| DR64FT    | 64             | 800             | 430 | 110      | 770  | 400 | 109        | N/A | N/A | 12.7   | 15.23 W                                                   | 22.84 W | 30.46 W | 38.07 W | 45.68 W |
| DR80FT    | 80             | 950             | 430 | 110      | 920  | 400 | 109        | N/A | N/A | 15.0   | 17.70 W                                                   | 26.54 W | 35.39 W | 44.24 W | 53.09 W |
| DR96FT    | 96             | 1100            | 430 | 110      | 1070 | 400 | 109        | N/A | N/A | 17.0   | 21.35 W                                                   | 32.03 W | 42.70 W | 53.38 W | 64.05 W |
| DR16ST    | 16             | 325             | 405 | 115      | 320  | 400 | 109        | 270 | 217 | 6.0    | 8.97 W                                                    | 14.85 W | 21.24 W | 28.03 W | 35.17 W |
| DR32ST    | 32             | 475             | 405 | 115      | 470  | 400 | 109        | 270 | 367 | 8.0    | 10.28 W                                                   | 17.03 W | 24.35 W | 32.14 W | 40.33 W |
| DR48ST    | 48             | 625             | 405 | 115      | 620  | 400 | 109        | 270 | 517 | 10.0   | 13.52 W                                                   | 22.39 W | 32.02 W | 42.27 W | 53.02 W |
| DR64ST    | 64             | 775             | 405 | 115      | 770  | 400 | 109        | 270 | 667 | 12.7   | 15.87 W                                                   | 26.28 W | 37.59 W | 49.61 W | 62.24 W |
| DR80ST    | 80             | 925             | 405 | 115      | 920  | 400 | 109        | 270 | 817 | 15.3   | 18.24 W                                                   | 30.19 W | 43.18 W | 57.00 W | 71.51 W |
| DR96ST    | 96             | 1075            | 405 | 115      | 1070 | 400 | 109        | 270 | 967 | 17.3   | 20.60 W                                                   | 34.11 W | 48.78 W | 64.39 W | 80.78 W |



03



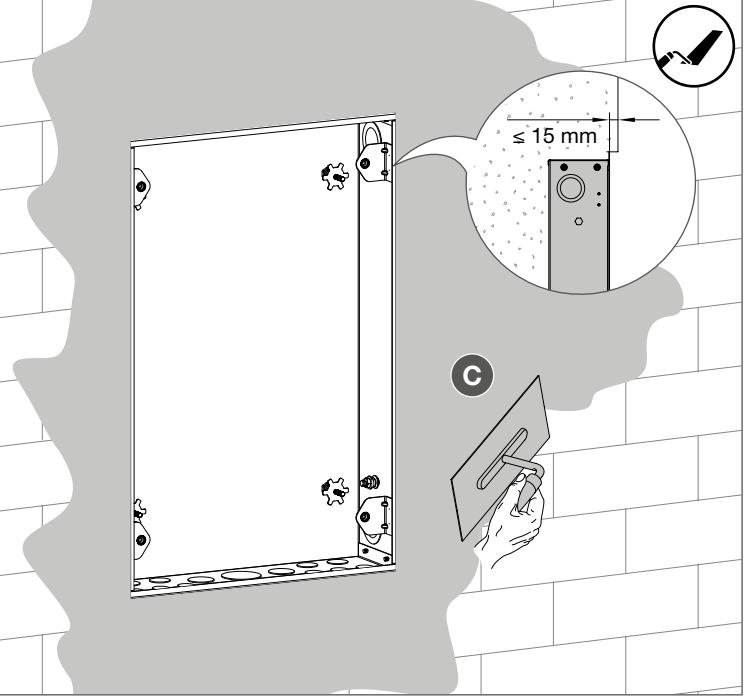
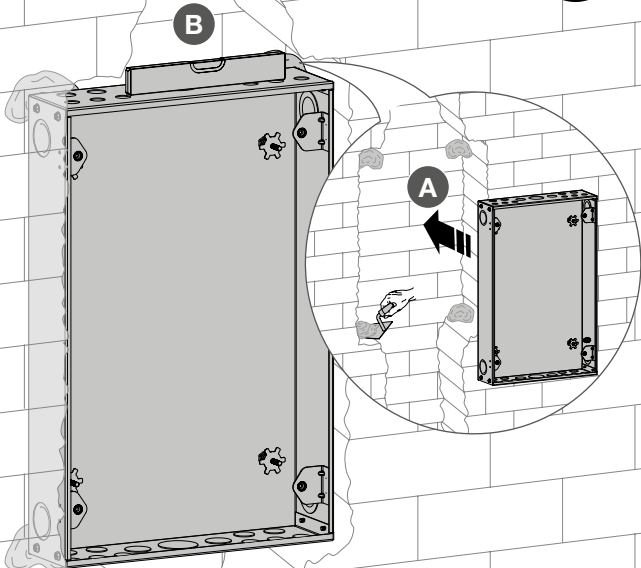
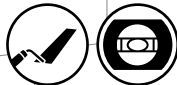
04a Surface-mounted



M5, max. load 80 kg

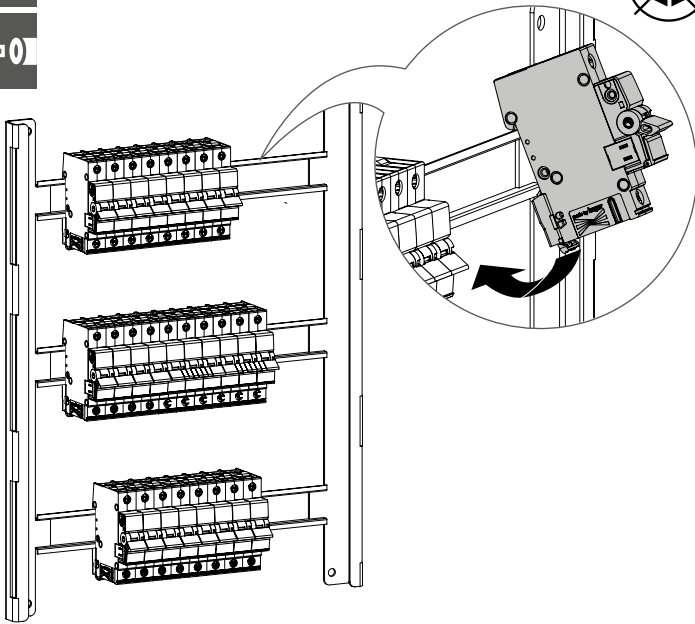


04b Flush-mounted

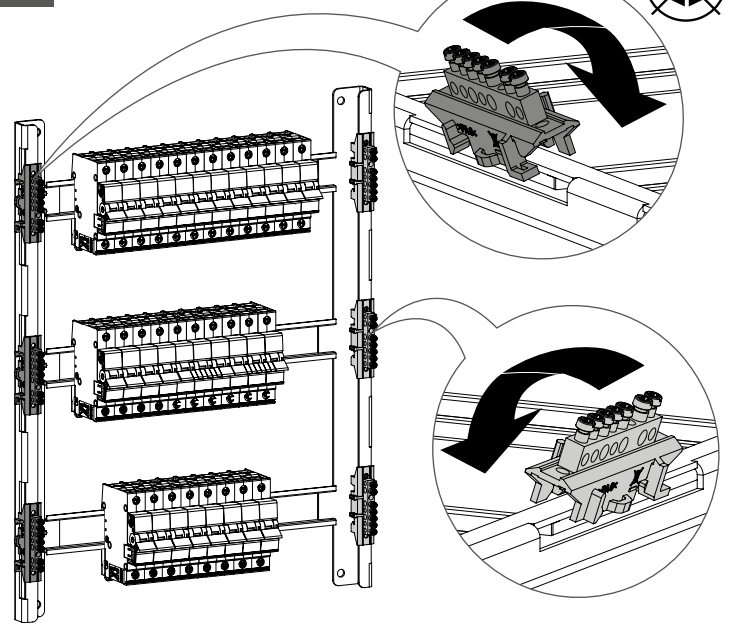


01

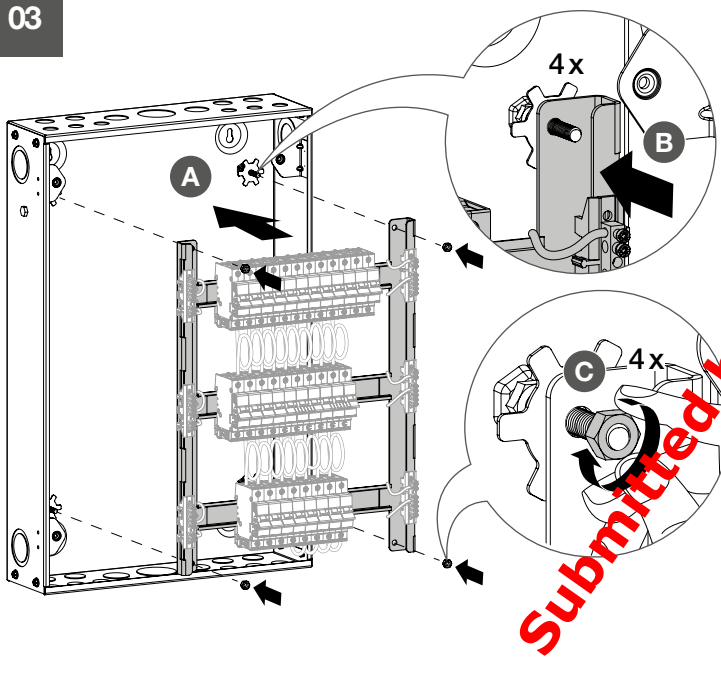
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02



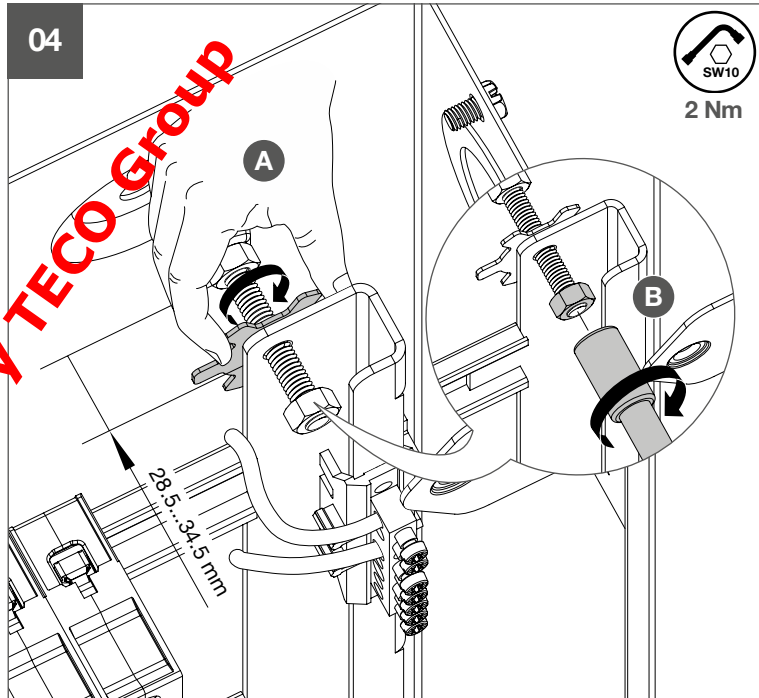
03



04



2 Nm

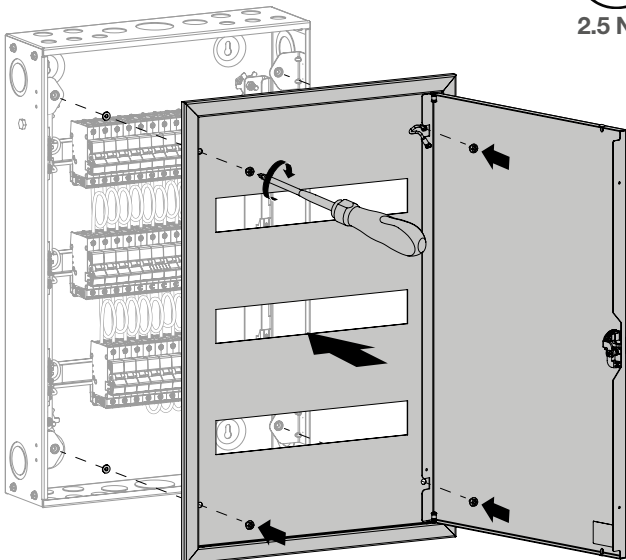


01

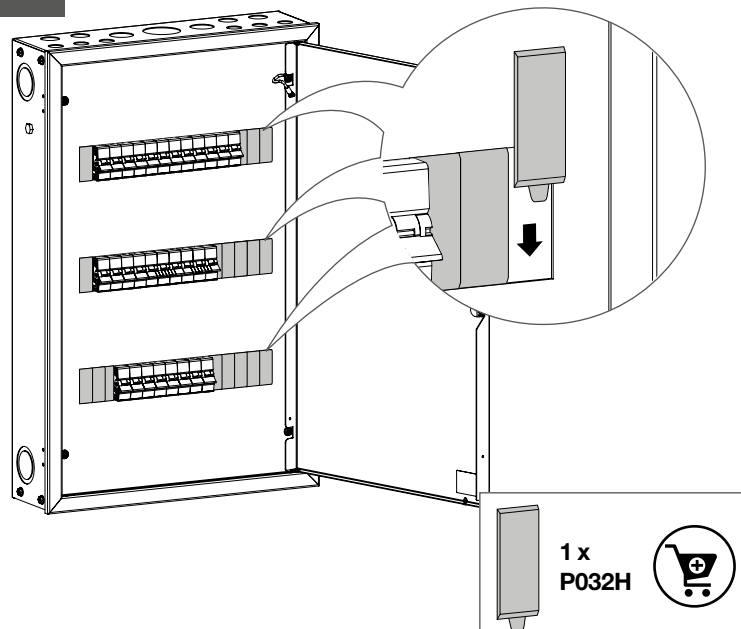
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2.5 Nm

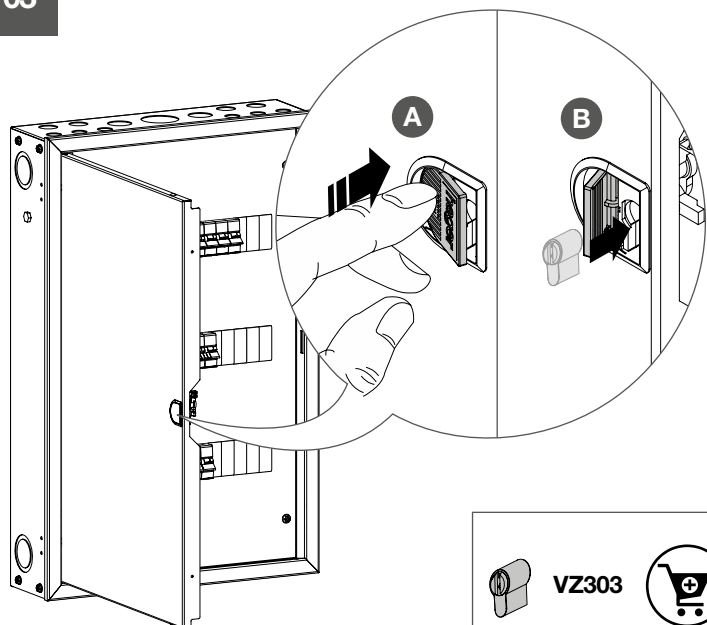


02

1 x  
P032H

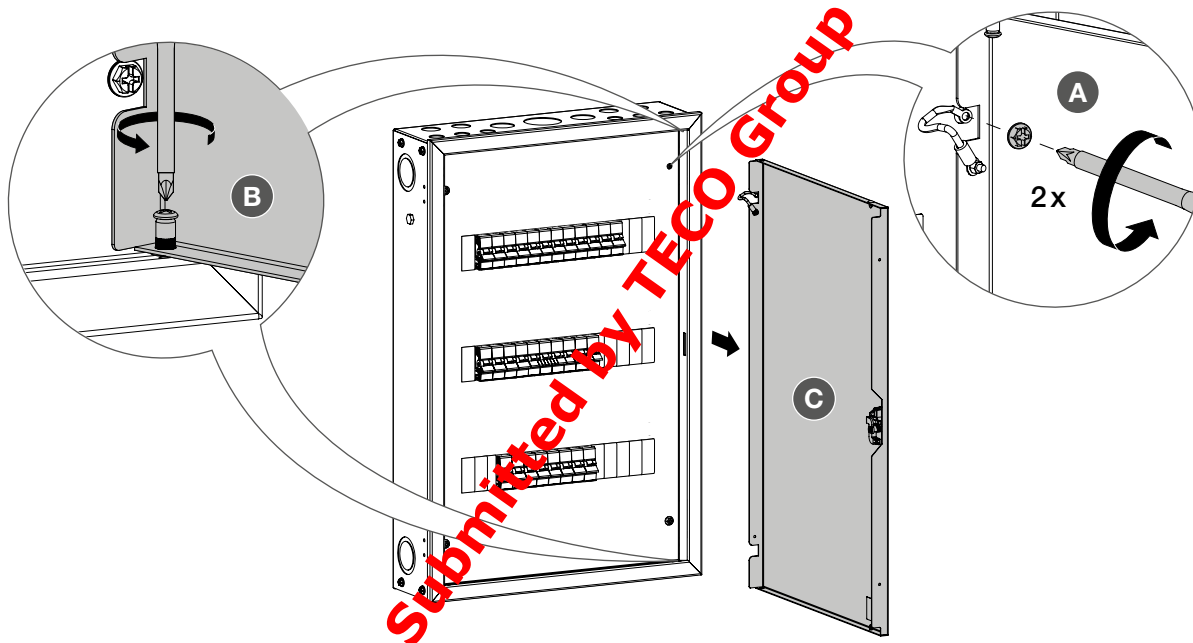


03

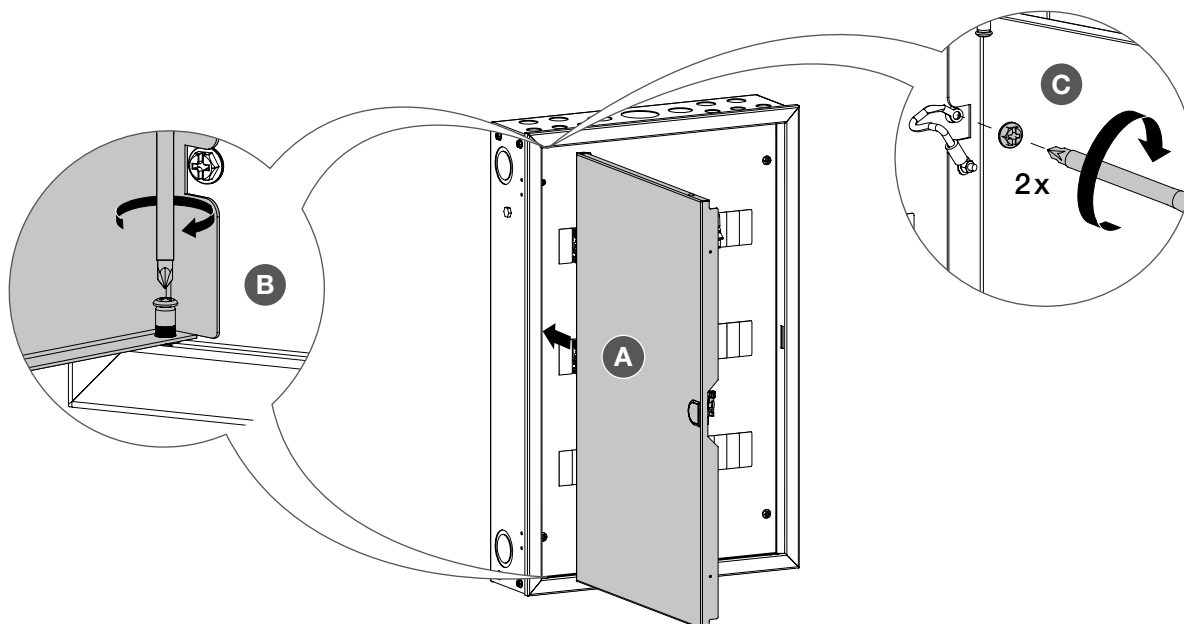


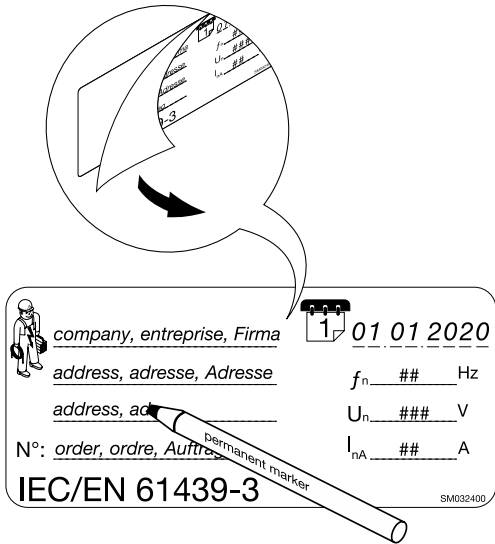
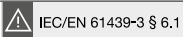
01

180°



02





The Assembly (DBO) designated markings must be completed as specified in IEC/EN 61439 - 3 clause 6.1.

## Technical data



|                                                |                                                                                                                    |
|------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| Rated operational voltage ( $U_n / U_g$ )      | 230 - 415 V a.c.                                                                                                   |
| Frequency (Hz)                                 | 50/60 Hz                                                                                                           |
| Degree of protection                           | IP40 with door closed and cable entries sealed. IPXXB with door open, blank plate filled and cable entries sealed. |
| Type of construction                           | Fixed                                                                                                              |
| Measure for protection of persons              | Direct/ Indirect contact by the protective circuit                                                                 |
| Service conditions                             | Indoor use only                                                                                                    |
| Pollution degree                               | 2                                                                                                                  |
| Mechanical impact                              | IK05                                                                                                               |
| Electromagnetic compatibility (EMC)            | Environment B                                                                                                      |
| Intended use                                   | Type A DBO (distribution board intended to be operated by ordinary persons)                                        |
| Standard                                       | IEC 61439-3<br>BS EN 61439-3                                                                                       |
| Measures for Protection against Electric shock | DB shall be installed in an electrical system conforming to IEC60364-4-41                                          |

**Submitted by TECO Group**