

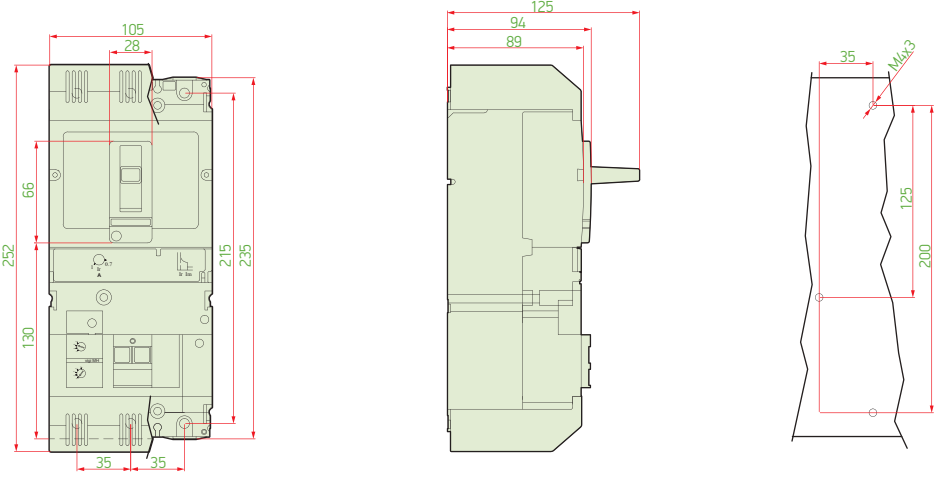
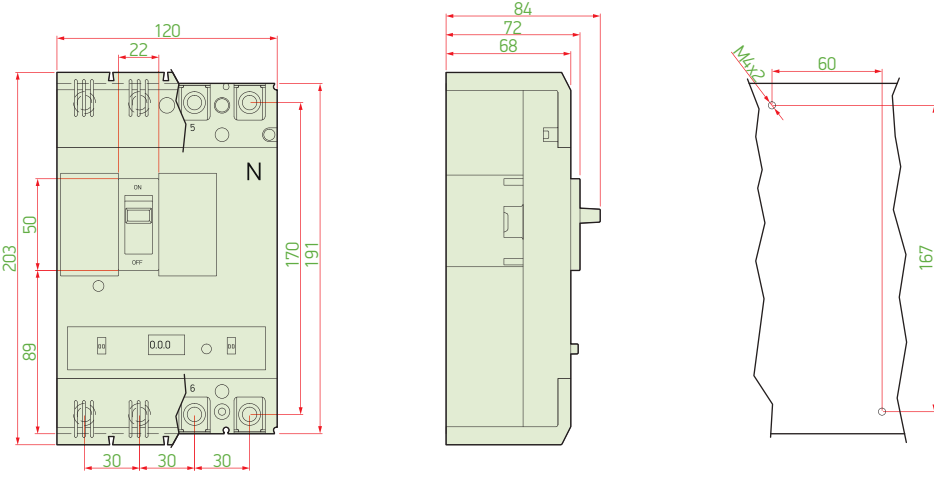
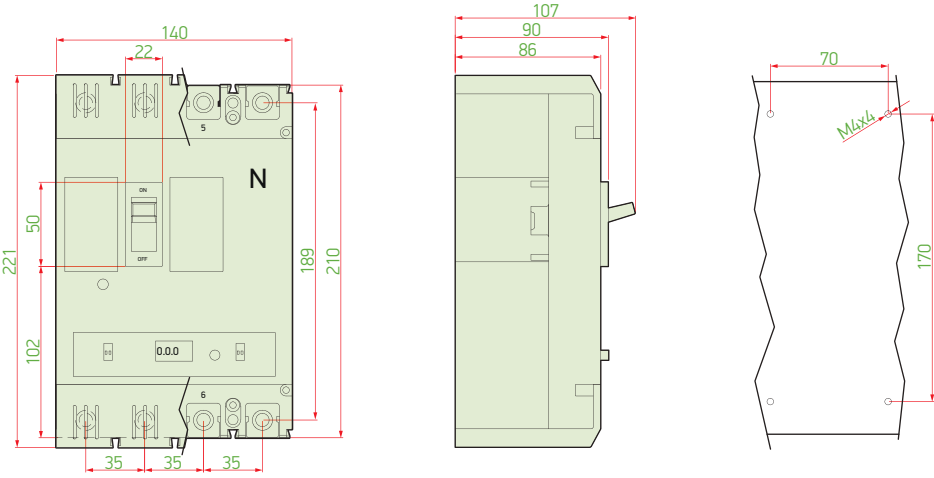
## Technical Specifications

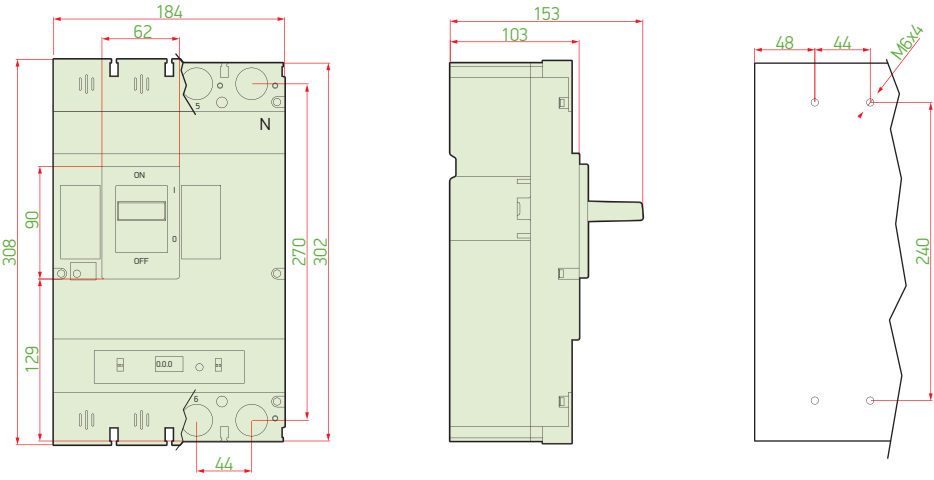
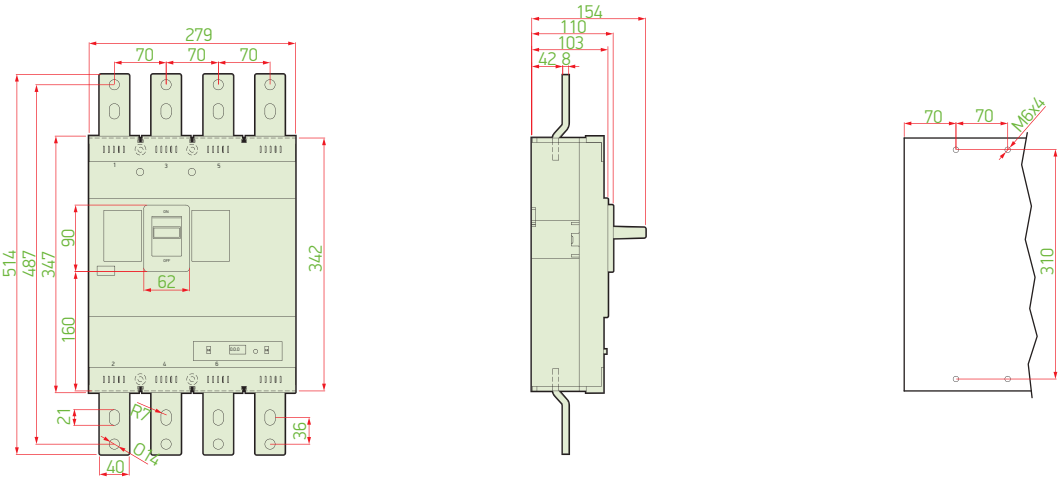
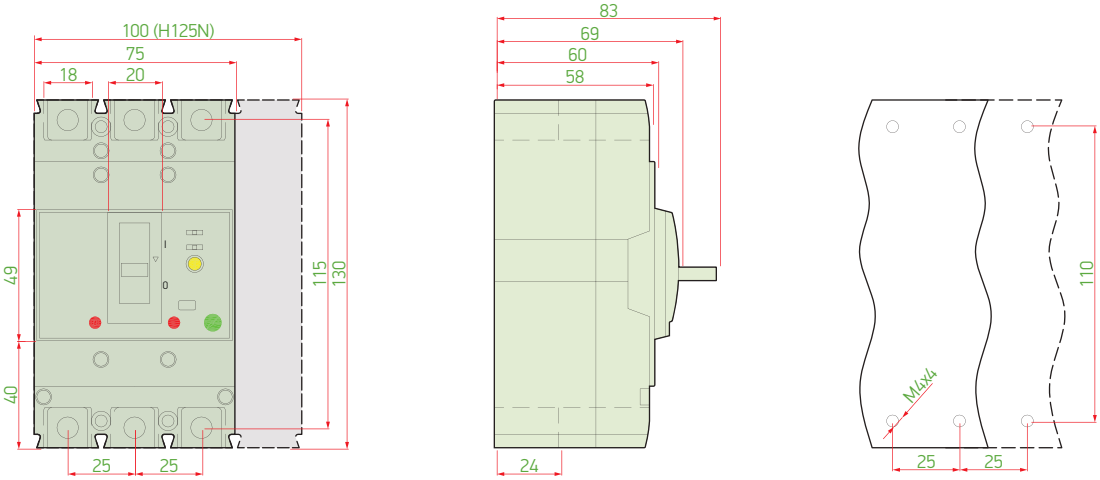
|                                                |                  |    |                          | H125                    | H125N                           | H250                   | H250N                  |
|------------------------------------------------|------------------|----|--------------------------|-------------------------|---------------------------------|------------------------|------------------------|
| Number of poles                                |                  |    |                          | 3                       | 4                               | 3                      | 4                      |
| Rated current I <sub>n</sub> (at 40°C)         | A                |    |                          | 40, 50, 63, 80,100, 125 | 25, 32, 40, 50, 63, 80,100, 125 | 160, 200, 250          | 160, 200, 250          |
| Sensitivity settings IΔn                       | mA               |    |                          | 30, 300, 500            | 30, 300, 500                    | 30, 300, 500           | 30, 300, 500           |
| Tripping time IΔn                              | mili second      |    |                          | 100, 300, 1000          | 100, 300, 1000                  | 100, 300, 1000         | 100, 300, 1000         |
| Instantaneous tripping time                    | mili second      |    |                          | <100                    | <100                            | <100                   | <100                   |
| Rated operating voltage                        | U <sub>e</sub>   | V  | AC                       | 400                     | 400                             | 400                    | 400                    |
| Rated insulation voltage                       | U <sub>i</sub>   | V  | AC                       | 690                     | 690                             | 690                    | 690                    |
| Rated impulse withstand voltage                | U <sub>imp</sub> | kV | AC                       | 8                       | 8                               | 8                      | 8                      |
| Rated ultimate short circuit breaking capacity | I <sub>cu</sub>  | kA | 690V AC                  | 7                       | 7                               | 8                      | 8                      |
|                                                |                  |    | 500V AC                  | 8                       | 8                               | 9                      | 9                      |
|                                                |                  |    | 440V AC                  | 15                      | 15                              | 22                     | 22                     |
|                                                |                  |    | 415V AC                  | 25                      | 25                              | 36                     | 36                     |
|                                                |                  |    | 240V AC                  | 35                      | 35                              | 50                     | 50                     |
|                                                |                  |    | 250V DC (3 poles serial) | 10                      | 10                              | 15                     | 15                     |
| Rated service short circuit breaking capacity  | I <sub>cs</sub>  | kA | 690V AC                  | 7                       | 7                               | 8                      | 8                      |
|                                                |                  |    | 500V AC                  | 8                       | 8                               | 10                     | 10                     |
|                                                |                  |    | 440V AC                  | 12                      | 12                              | 14                     | 14                     |
|                                                |                  |    | 415V AC                  | 12,5                    | 12,5                            | 18                     | 18                     |
|                                                |                  |    | 240V AC                  | 18                      | 18                              | 25                     | 25                     |
|                                                |                  |    | 250V DC (3 poles serial) | 7                       | 7                               | 9                      | 9                      |
| Pollution degree                               |                  |    |                          | 3                       | 3                               | 3                      | 3                      |
| Electrical life (No. operation)                | ON - OFF         |    | 400 / 415V AC            | 1.000                   | 1.000                           | 1.000                  | 1.000                  |
| Mechanical life (No. operation)                | ON - OFF         |    |                          | 7.000                   | 7.000                           | 7.000                  | 7.000                  |
| Overload protection                            |                  |    |                          | (0,8-1)xI <sub>n</sub>  | (0,8-1)xI <sub>n</sub>          | (0,8-1)xI <sub>n</sub> | (0,8-1)xI <sub>n</sub> |
| Rated short circuit breaking protection        |                  |    |                          | 10xI <sub>n</sub>       | 10xI <sub>n</sub>               | 10xI <sub>n</sub>      | 10xI <sub>n</sub>      |
| Operating ambient temperature                  | °C               |    |                          | -20 to +60              | -20 to +60                      | -20 to +60             | -20 to +60             |
| Storage temperature                            | °C               |    |                          | -20 to +60              | -20 to +60                      | -20 to +60             | -20 to +60             |
| Relative humidity                              |                  |    |                          | 90%                     | 90%                             | 90%                    | 90%                    |
| Dimensions                                     | Width            |    | mm                       | 75                      | 100                             | 105                    | 140                    |
|                                                | Length           |    | mm                       | 130                     | 130                             | 165                    | 165                    |
|                                                | Depth            |    | mm                       | 60                      | 60                              | 60                     | 60                     |

## Technical Specifications

|                                                |             |    |                          | F250                                    |     | D125                     | D250                | D400                | D630                |
|------------------------------------------------|-------------|----|--------------------------|-----------------------------------------|-----|--------------------------|---------------------|---------------------|---------------------|
| Number of poles                                |             |    |                          | 3                                       | 4   | 4                        | 4                   | 4                   | 4                   |
| Rated current In (at 40°C)                     | A           |    |                          | 40, 50, 63, 80, 100, 125, 160, 200, 250 |     | 40, 50, 63, 80, 100, 125 | 160, 200, 250       | 250, 315, 400       | 630                 |
| Sensitivity settings IΔn                       | mA          |    |                          | 30, 300, 500, 1000, 3000                |     | 30, 100, 300, 500        | 30, 100, 300, 500   | 100, 200, 300, 500  | 100, 200, 300, 500  |
| Tripping time IΔn                              | mili second |    |                          | 100, 500, 1000                          |     | 100, 300, 500, 1000      | 100, 300, 500, 1000 | 100, 300, 500, 1000 | 100, 300, 500, 1000 |
| Instantaneous tripping time                    | mili second |    |                          | <100                                    |     | <100                     | <100                | <100                | <100                |
| Rated operating voltage                        | Ue          | V  | AC                       | 400                                     |     | 400                      | 400                 | 400                 | 400                 |
| Rated insulation voltage                       | Ui          | V  | AC                       | 1000                                    |     | 690                      | 690                 | 690                 | 690                 |
| Rated impulse withstand voltage                | Uimp        | kV | AC                       | 8                                       |     | 8                        | 8                   | 8                   | 8                   |
| Rated ultimate short circuit breaking capacity | Icu         | kA | 690V AC                  | 8                                       |     | 8                        | 8                   | 10                  | 10                  |
|                                                |             |    | 500V AC                  | 9                                       |     | 9                        | 9                   | 18                  | 18                  |
|                                                |             |    | 440V AC                  | 22                                      |     | 22                       | 22                  | 42                  | 42                  |
|                                                |             |    | 415V AC                  | 36                                      |     | 36                       | 36                  | 50                  | 50                  |
|                                                |             |    | 240V AC                  | 50                                      |     | 50                       | 50                  | 65                  | 65                  |
|                                                |             |    | 250V DC (3 poles serial) | 15                                      |     | 15                       | 15                  | 25                  | 25                  |
| Rated service short circuit breaking capacity  | Ics         | kA | 690V AC                  | 8                                       |     | 8                        | 8                   | 7                   | 7                   |
|                                                |             |    | 500V AC                  | 10                                      |     | 10                       | 10                  | 8                   | 8                   |
|                                                |             |    | 440V AC                  | 14                                      |     | 14                       | 14                  | 15                  | 15                  |
|                                                |             |    | 415V AC                  | 18                                      |     | 18                       | 18                  | 25                  | 25                  |
|                                                |             |    | 240V AC                  | 25                                      |     | 25                       | 25                  | 35                  | 35                  |
|                                                |             |    | 250V DC (3 poles serial) | 9                                       |     | 9                        | 9                   | 10                  | 10                  |
| Pollution degree                               |             |    |                          | 3                                       |     | 3                        | 3                   | 3                   | 3                   |
| Electrical life (No. operation)                | ON - OFF    |    | 400 / 415V AC            | 5.000                                   |     | 5.000                    | 5.000               | 5.000               | 4.000               |
| Mechanical life (No. operation)                | ON - OFF    |    |                          | 15.000                                  |     | 15.000                   | 15.000              | 15.000              | 10.000              |
| Overload protection                            |             |    |                          | (0,8-1)xIn                              |     | Fixed                    | Fixed               | Fixed               | Fixed               |
| Rated short circuit breaking protection        |             |    |                          | 10xIn                                   |     | 10xIn                    | 10xIn               | 10xIn               | 10xIn               |
| Operating ambient temperature                  | °C          |    |                          | -20 to +60                              |     | -20 to +60               | -20 to +60          | -20 to +60          | -20 to +60          |
| Storage temperature                            | °C          |    |                          | -40 to +80                              |     | -40 to +80               | -40 to +80          | -40 to +80          | -40 to +80          |
| Relative humidity                              |             |    |                          | 90%                                     |     | 90%                      | 90%                 | 90%                 | 90%                 |
| Dimensions                                     | Width       |    | mm                       | 105                                     | 140 | 120                      | 140                 | 184                 | 280                 |
|                                                | Length      |    | mm                       | 252                                     | 252 | 203                      | 221                 | 308                 | 347                 |
|                                                | Depth       |    | mm                       | 89                                      | 89  | 68                       | 86                  | 103                 | 103                 |

Dimensions

|      |                                                                                                                                                                                                                                                        |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| F250 |  <p>Front view dimensions: 105, 28, 66, 252, 130, 215, 235, 35, 35. Side view dimensions: 125, 94, 89. Top view dimensions: 35, 125, 200, M4x3.</p>                  |
| D125 |  <p>Front view dimensions: 120, 22, 203, 50, 89, 170, 191, 30, 30, 30, 5, 6, N, 0.0.0. Side view dimensions: 84, 72, 68. Top view dimensions: 60, 167, M4x2.</p>    |
| D250 |  <p>Front view dimensions: 140, 22, 221, 50, 102, 189, 210, 35, 35, 35, 5, 6, N, 0.0.0. Side view dimensions: 107, 90, 86. Top view dimensions: 70, 170, M4x4.</p> |

|              |                                                                                                                                                                                                                                                                                                                                                                                                 |
|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| D400         |  <p>Technical drawings of the D400 LV MCCB showing front, side, and top views with dimensions. Front view dimensions include 184, 62, 308, 90, 129, 270, 302, 44, and 48. Side view dimensions include 153 and 103. Top view dimensions include 48, 44, M6x4, and 240.</p>                                    |
| D630         |  <p>Technical drawings of the D630 LV MCCB showing front, side, and top views with dimensions. Front view dimensions include 279, 70, 70, 70, 514, 487, 347, 90, 62, 160, 21, 40, 36, and 342. Side view dimensions include 154, 110, 103, 42, and 8. Top view dimensions include 70, 70, M6x4, and 310.</p> |
| H125 - H125N |  <p>Technical drawings of the H125 - H125N LV MCCB showing front, side, and top views with dimensions. Front view dimensions include 100 (H125N), 75, 18, 20, 49, 40, 25, 25, 115, and 130. Side view dimensions include 83, 69, 60, 58, and 24. Top view dimensions include M6x4, 25, 25, and 110.</p>     |

