

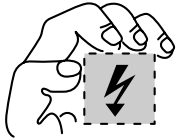



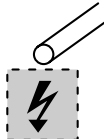




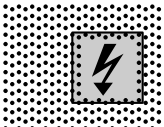

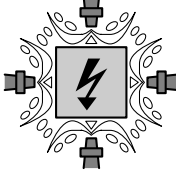

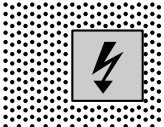

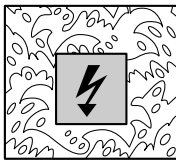
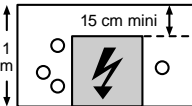
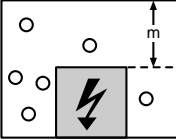



## International Standards IP Protection Classification Data

The letters IP followed by three characteristic numbers symbolize the degree of protection.

| First Digit                     |   | Second Digit               |  |
|---------------------------------|---|----------------------------|--|
| Protection Against Solid Bodies |   | Protection Against Liquids |  |
| IP                              | Test  | IP                         | Test   |
| 0                               |  No protection   | 0                          |  No protection   |
| 1                               |  Protection against solid bodies larger than 50 mm (for example accidentally touching with the hand)                                 | 1                          |  Protection against vertical water drops condensation  |
| 2                               |  Protection against solid bodies larger than 12 mm (for example a finger)  | 2                          |  Protected against water drops at up to 15° from the vertical  |
| 3                               |  Protection against solid bodies larger than 2.5 mm (tools, wires)  | 3                          |  Protected against rain at up to 60° from the vertical  |
| 4                               |  Protection against solid bodies larger than 1 mm (tools, small wires)   | 4                          |   Protected against water splashing from all directions           |
| 5                               |   Protection against dust (no harmful deposits) | 5                          |   Protected against water sprayed from a hose from all directions |
| 6                               |   Complete protection against dust              | 6                          |  Protected against water projections similar to sea wave splashes  |
|                                 |   | 7                          |  Protected against the effector immersion  |
|                                 |   | 8                          |   Protected against effects of prolonged immersion under pressure |