

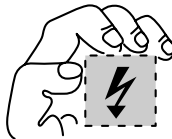



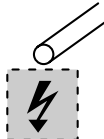




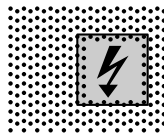

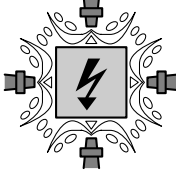


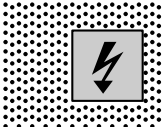

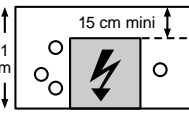
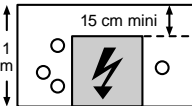





## International Standards IP Protection Classification Data

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