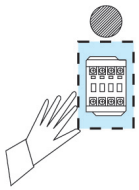
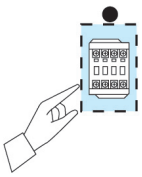
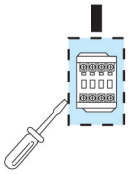
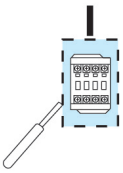
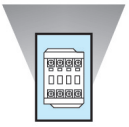
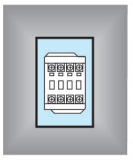
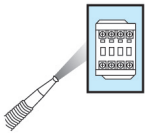
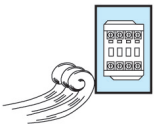
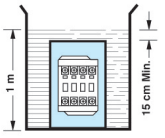
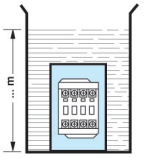
Enclosures
IP Ratings

IP □ □

Protection against solid objects

0	No protection	
1	Protected against solid objects up to 50mm eg. accidential touch by hands	
2	Protected against solid objects up to 12mm eg. fingers	
3	Protected against solid objects over 2.5mm (tools + wires)	
4	Protected against solid objects up to 1mm (tools wires + small wires)	
5	Protected against dust (no harmful deposit)	
6	Totally protected against dust	

Protection against liquids

0	No protection	
1	Protected against vertically falling drops of water eg. condensation	
2	Protected against direct sprays of water up to 15° from vertical	
3	Protected against direct sprays of water up to 60° from vertical	
4	Protected against sprays of water from all directions	
5	Protected against low pressure jets of water from all directions	
6	Protected against strong jets of water eg. for use on ship decks	
7	Protected against the effects of immersion between 15cm and 1m.	
8	Protected against long periods of immersion under pressure ... m