

IP

1ST DIGIT		2ND DIGIT		LETTER (OPTIONAL)	
Single Number 0-6		Single Number 0-9		Single Letter	
PROTECTION AGAINST SOLID OBJECTS		PROTECTION AGAINST LIQUID INGRESS		OTHER PROTECTIONS	
x	No data	x	No data	A	Back of Hand
0	No protection	0	No protection	B	Finger
1	Large surface of body (e.g. back of hand)	1	Dripping water	C	Tool
2	Fingers or similar size objects	2	Dripping water when tilted at 15 degrees	D	Wire
3	Tools, thick wires, etc	3	Water falling as a spray at any angle up to 60 degrees	H	High Voltage Device
4	Wires, skinny screws, large nuts, etc	4	Splashing of water from any direction	M	Device Moving During Water Test
5	Dust resistant	5	Water projected by jets from any direction	S	Device Standing Still During Water Test
6	Dust tight	6	Water projected by powerful jets from any direction	W	Weather Conditions
		6K	Water projected by powerful jets from any direction at increased pressure		
		7	Immersion up to 1 meter		
		8	Immersion 1 meter or more		
		9K	Powerful high-temp water jets projected at increased pressure from any direction		