

Technical information

IP Code (International Protection Rating)

Enclosure passes test for:		Designation and marking	Range of application
water jets second characteristic numeral	temporary/continuous immersion second characteristic numeral		
5	7	IPx5/IPx7	Versatile
6	7	IPx6/IPx7	Versatile
5	8	IPx5/IPx8	Versatile
6	8	IPx6/IPx8	Versatile
-	7	IPx7	Restricted
-	8	IPx8	Restricted

Enclosures for "versatile" application indicated in the last column shall meet requirements for exposure to both water jets and temporary or continuous immersion.

Enclosures for "restricted" application indicated in the last column are considered suitable only for temporary or continuous immersion and unsuitable for exposure to water jets.

Table 3 – Degrees of protection against water indicated by the second characteristic numeral

First characteristic numeral	Degree of protection		Test conditions, see
	Brief description	Definition	
0	Non-protected	-	-
1	Protected against vertically falling water drops	Vertically falling drops shall have no harmful effects	14.2.1
2	Protected against vertically falling water drops when enclosure tilted up to 15°	Vertically falling drops shall have no harmful effects when the enclosure is tilted at any angle up to 15° on either side of the vertical	14.2.2
3	Protected against spraying water	Water sprayed at an angle up to 60° on either side of the vertical shall have no harmful effects	14.2.3
4	Protected against spraying water	Water splashed against the enclosure from any direction shall have no harmful effects	14.2.4
5	Protected against water jets	Water projected in jets against the enclosure from any direction shall have no harmful effects	14.2.5
6	Protected against powerful water jets	Water projected in powerful jets against the enclosure from any direction shall have no harmful effects	14.2.6
7	Protected against the effects of temporary immersion in water	Ingress of water in quantities causing harmful effects shall not be possible when the enclosure is temporarily immersed in water under standardized conditions of pressure and time	14.2.7
8	Protected against the effects of continuous immersion in water	Ingress of water in quantities causing harmful effects shall not be possible when the enclosure is continuously immersed in water under conditions which shall be agreed between manufacturer and user but which are more severe than for numeral 7	14.2.8