

IP RATINGS

Dust and Water Resistance Chart¹

PROTECTED AGAINST SOLID OBJECTS		PROTECTED AGAINST LIQUIDS	
First Number	Definition	Second Number	Definition
0	Not protected	0	Not protected
1	Protected against solid objects of over 50 mm in size (for instance, hands)	1	Protected against vertically falling drops of water
2	Protected against solid objects of over 12 mm in size (for instance, fingers)	2	Protected against direct sprays of water when tilted at any angle up to 15° on either side
3	Protected against solid objects of over 2.5 mm in size (for instance, tools and wires)	3	Protected against water sprayed at an angle of 60° on either side
4	Protected against solid objects of over 1 mm in size (for instance, small tools and wires)	4	Protected against water splashed from any direction
5	Protected against limited ingress of dust that will not penetrate in a quantity to interfere with satisfactory operation	5	Protected against low pressure jets of water from all directions
6	Protected against any dust ingress	6	Protected against powerful jets of water from any direction
		7	Protected against the effects of temporary immersion in water under standardised conditions and pressure
		8	Protected against long periods of submersion in water more severe than 7
		9	Protected against water projected at high pressure and temperatures from any direction



HeartSine® samaritan® PAD

IP56 Rating: Highest in the industry for protection against dust and water ingress
 1. International Standard IEC 60529 - Degrees of protection provided by enclosures (IP Code)