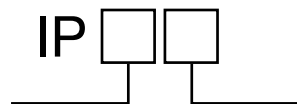


IP Rating Chart

Characteristic Numerals

Protection provided by enclosures for electrical equipment is indicated by the two IP codes:

The **FIRST NUMERAL** indicates protection of persons against access to hazardous parts, and protection of equipment against ingress of solid foreign objects. (see AS 1939, Clause 5)



The **SECOND NUMERAL** indicates protection of equipment against harmful ingress of water. (see AS 1939, Clause 6)

<p>The "flash" symbol indicates hazardous parts (live or moving)</p>	<p>X Protection unspecified (untested)</p> <p>0 Non-protected</p> <p>1 Protection of the back of the hand against accidental access to hazardous parts, and protection of equipment against objects larger than 50mm.</p> <p>2 Protection of fingers against access to hazardous parts, and protection of equipment against objects larger than 12.5mm.</p> <p>3 Protection of persons holding tools or wires (larger than 2.5mm diameter), and protection of equipment against objects larger than 2.5mm (e.g. ball bearings)</p> <p>4 Protection of persons holding small tools or wires (larger than 1mm diameter), and protection of equipment against objects larger than 1mm. (e.g. ball bearings)</p> <p>5 Protection against entry of dust in sufficient quantity to interfere with satisfactory operation of equipment.</p> <p>6 Complete protection against entry of dust.</p>	<p>X Protection unspecified (untested)</p> <p>0 Non-protected</p> <p>1 Protection against drops of water falling vertically.</p> <p>2 Protection against drops of water falling vertically when the object is tilted up to 15° from its normal position (in any direction)</p> <p>3 Protection against spraying water at up to 60° from the vertical.</p> <p>4 Protection against splashing and spraying water from all practicable directions.</p> <p>5 Protection against low pressure jets of water from all practicable directions.</p> <p>6 Protection against heavy seas or a strong jet of water from all practicable directions.</p> <p>7 Protection against temporary immersion.</p> <p>8 Protection against continuous submersion (tests subject to agreement, but no less severe than second numeral 7)</p>
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