

# IP (INGRESS PROTECTION) RATING GUIDE

The level of protection offered by an electrical enclosure from solids and liquids. The rating is displayed as a combination of the digits from these two columns.

## Solids

## Liquids

**0** No protection against ingress or contact of solids

**0** Not rated for protection

**1** Protection against solid objects larger than 50mm

**1** Protection against dripping or vertically falling water

**2** Protection against against solid objects larger than 12.5mm

**2** Protection against dripping water at a 15-degree angle

**3** Protection against solid objects larger than 2.5mm

**3** Protection against spraying water

**4** Protection against solid objects larger than 1mm

**4** Protection against splashing water or sprays up to 60-degrees from vertical

**5** Protection against dust - will not interfere with operation of equipment

**5** Protection against jets of water

**6** Unit is dust-tight

**6** Protection against powerful jets of water

**IP 65**

### EXAMPLE IP RATING

Product is dust-tight and resistant to jets of water

**6K** Protection against jets of water with higher pressure

**7** Protection against being immersed in up to 1m of water

**8** Protection against being immersed in 1m or more of water