



## Spec Sheet: IPW20

- **Description:** IPW weatherproof isolators are ideal for motor safety isolation with 4 threaded gland entries and a degree of protection to IP66. IPW isolators are ideally suited for outdoor applications such as isolation of air conditioning units.
- The 20A 500V AC series are available in 1P **IPW201**, and 3P **IPW203**
- **Application:** Motor isolator safety switches, motor disconnectors and air conditioning isolators.
- **Certification:** IEC EN 60947.3, AC22B, AS3133 "M" Rated 160/180A
- **Features:**
  - High visibility ON/OFF indication
  - High strength locking screws
  - Made from UV Resistant Polycarbonate, IP66
  - Phase connections up to 25mm<sup>2</sup> cable, E and N 16mm<sup>2</sup> cable
  - Pad-lockable handle with front and rear entries
  - Ample cable space for the large cables



## Dimensions & Ratings

<i>Free air thermal current (I<sub>th</sub>)</i>	20A
<i>Enclosed thermal current (I<sub>the</sub>)</i>	20A
<i>Rated insulation voltage (U<sub>i</sub>)</i>	500V
<i>Rated operational voltage (U<sub>e</sub>)</i>	415V
<i>Dielectric properties</i>	1kV
<b>IEC947.3</b>	
<i>Rated operational current</i>	
<i>at 415V AC-21A</i>	20A
<i>at 415V AC-22A</i>	20A
<b>AS3133</b>	
<i>Rated operational current</i>	
<i>Locked rotor 3 Ø, "M" rating</i>	120A
<i>Locked rotor 1 Ø, "M" rating</i>	140A
<i>Short time withstand current (I<sub>cw</sub>)</i>	0.76kA
<i>Short-circuit making capacity (I<sub>cm</sub>)</i>	1.5kA
<i>Mechanical Endurance with current</i>	1,500
<i>Mechanical Endurance without current</i>	8,500
<i>Degree of Protection</i>	IP66
<i>Conduit Entries</i>	4 x M25
<i>Padlock max diameter</i>	6mm
<i>Max. Cable Size mm<sup>2</sup> (Mains)</i>	25
<i>Max. Cable Size mm<sup>2</sup> (N / E)</i>	16
<i>Weight 1P</i>	0.48kg
<i>Weight 3P</i>	0.56kg

