

Spec Sheet: IPW63_

- **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 and the AC isolators of PV inverters.
- The IPW63 is available in 1P **IPW631**, 3P **IPW633** and 4P **IPW634**
- **Application:** Motor isolator safety switches, motor disconnectors, air conditioning isolators and the AC isolators of PV inverters
- **Certification:** IEC EN 60947.3, AC22B, AS3133 "M" Rated 200A
- **Features:**
 - High visibility ON/OFF indication
 - High strength locking screws
 - Made from UV Resistant Polycarbonate, IP66
 - Phase connections up to 25mm² cable, E and N 16mm² cable
 - Pad-lockable handle with front and rear entries
 - Ample cable space for the large cables



Dimensions & Ratings

<i>Free air thermal current (I_{th})</i>	63A
<i>Enclosed thermal current (I_{the})</i>	63A
<i>Rated insulation voltage (U_i)</i>	500V
<i>Rated operational voltage (U_e)</i>	415V
<i>Dielectric properties</i>	1kV
IEC947.3	
<i>Rated operational current</i>	
at 415V AC-21A	63A
at 415V AC-22A	63A
AS3133	
<i>Rated operational current</i>	
Locked rotor 3 Ø, "M" rating	200A
Locked rotor 1 Ø, "M" rating	200A
<i>Short time withstand current (I_{cw})</i>	0.76kA
<i>Short-circuit making capacity (I_{cm})</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 mm² (Mains)</i>	25
<i>Max. Cable Size mm² (N / E)</i>	16
Weight 1P	0.48kg
Weight 3P	0.56kg
Weight 4P	0.62kg

