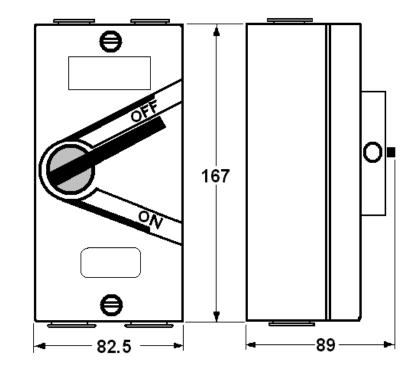


## Spec Sheet: IPW20\_

- 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 and the AC isolators of PV inverters.
- > The IPW20 is available in 1P *IPW201*, 3P *IPW203* and 4P *IPW204*
- 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 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**

Free air thermal current (Ith)	20A
Enclosed thermal current (Ithe)	20A
Rated insulation voltage (Ui)	500V
Rated operational voltage (Ue)	415V
Dielectric properties	1kV
IEC947.3 Rated operational current	
at 415V AC-21A	20A
at 415V AC-22A	20A
AS3133 Rated operational current	
Locked rotor 3 Ø, "M″ rating	120A
Locked rotor 1 Ø, "M″rating	140A
Short time withstand current (Icw)	0.76kA
Short-circuit making capacity(Icm)	1.5kA
Mechanical Endurance with current	1,500
Mechanical Endurance without current	8,500
Degree of Protection	IP66
Conduit Entries	4 x M25
Padlock max diameter	6mm
Max. Cable Size mm <sup>2</sup> (Mains)	25
Max. Cable Size mm² (N / E)	16
Weight 1P Weight 3P Weight 4P	0.48kg 0.56kg 0.62kg





Sep 2015