

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 25mm² cable, E and N 16mm² cable
 - Pad-lockable handle with front and rear entries
 - Ample cable space for the large cables



Dimensions & Ratings

| | |
|--|---------|
| Free air thermal current (<i>I_{th}</i>) | 20A |
| Enclosed thermal current (<i>I_{the}</i>) | 20A |
| Rated insulation voltage (<i>U_i</i>) | 500V |
| Rated operational voltage (<i>U_e</i>) | 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 (<i>I_{cw}</i>) | 0.76kA |
| Short-circuit making capacity (<i>I_{cm}</i>) | 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 mm² (Mains) | 25 |
| Max. Cable Size mm² (N / E) | 16 |
| Weight 1P | 0.48kg |
| Weight 3P | 0.56kg |
| Weight 4P | 0.62kg |

