

| Product Code | Product Range | Issue No. | Issue Date  | Issue By |
|--------------|---------------|-----------|-------------|----------|
| <b>M2404</b> | Isolators     | C         | August 2025 | T.T.     |

## Description

IP67 4 pole, switch disconnecter in glass fibre, reinforced, unsaturated, polyester resin enclosure.

## Features

Modern design and manufacturing process.  
IP67 ingress protection allows installation in the most severe conditions.  
High switching capacity.  
Strong, high impact resistance enclosure.  
Dedicated LOCK OFF position prevents removal of front cover when padlocked.  
Flame resistant and anti-carbonisation.



## General Characteristics

|                                                   |                                                                                             |
|---------------------------------------------------|---------------------------------------------------------------------------------------------|
| Standards                                         | BS EN 60947-1 & 3. EN 60529.                                                                |
| Current Rating (In) at 40°C. AC22A                | 40A 690V.                                                                                   |
| AC23A                                             | 40A 415V. 32A 500V. 25A 690V.                                                               |
| Maximum operating voltage                         | 690V maximum.                                                                               |
| Rated Insulation Voltage (Ui) AC 50-60Hz          | 800V                                                                                        |
| Rated Impulse Withstand Voltage (Uimp) AC 50-60Hz | 8kV                                                                                         |
| Rated short circuit making capacity (690V)        | 1800A                                                                                       |
| Rated Conditional Short-Circuit (415V)            | 10kA – 40A backup fuse.                                                                     |
| Rated short time withstand – 1s                   | 1260A                                                                                       |
| Maximum altitude                                  | 2000m                                                                                       |
| Electrical endurance operations                   | 20000                                                                                       |
| Handle                                            | 2 padlock positions in Lock Off position. Padlock not supplied. Interlocked in ON position. |
| Padlock diameter                                  | 6 – 8mm                                                                                     |
| Polarity                                          | Bi-directional                                                                              |
| IP Rating                                         | IP67 conforming to IEC 60529                                                                |
| Pollution Degree                                  | 3                                                                                           |
| Operating temperature                             | -25C to 40C (40C at 50% relative humidity).                                                 |
| Terminal Capacity                                 | 0.75 - 10mm <sup>2</sup>                                                                    |
| Terminal Torque                                   | 1.2 Nm maximum.                                                                             |
| Cable entry facility                              | 2x M20/25 knockout's – top, bottom, & rear. 2x M16 knockouts each side.                     |
| Equipment Type / Mounting                         | Fixed / Screw to surface                                                                    |
| Altitude                                          | 2000m.                                                                                      |
| Weight                                            | 581g                                                                                        |
| Resistance to climatic conditions                 | acc. to IEC 60068-2-30: 28 cycles (55 °C, 95 % relative humidity)                           |
| Impact Resistance                                 | IK 08                                                                                       |
| Auxiliary contact – 1NO, 1 NC (optional)          | Part no. M2A11                                                                              |



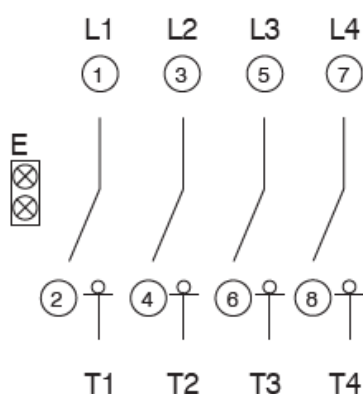
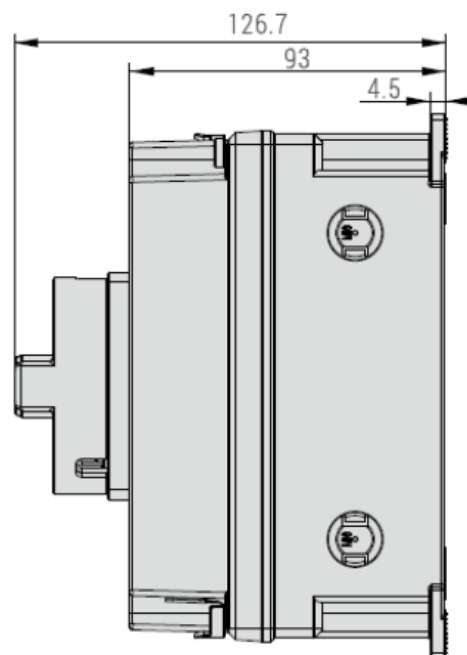
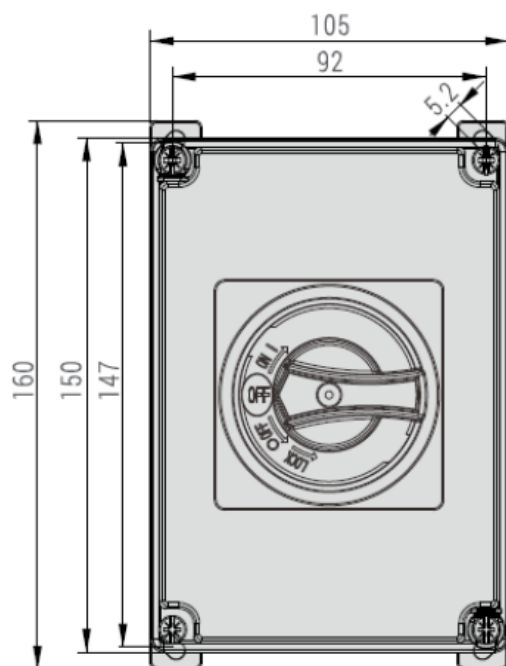
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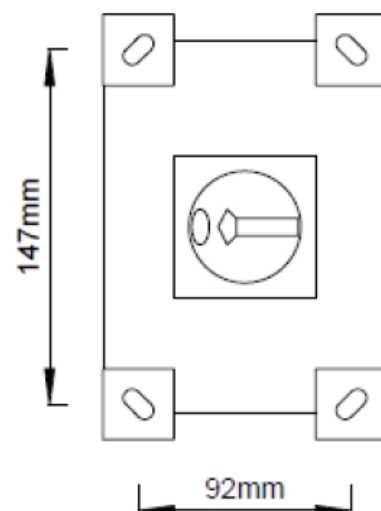
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Fixing Centres:



4 external fixings - M5

**This isolator should not be operated when submerged.**

**IP67 definition:**

6 - Completely protected against dust ingress.

7 – Temporary protection against immersion in water up to 1m depth. Water must not penetrate in harmful quantities in prescribed conditions.

Suitably IP rated glands must be used.