



Product Code:	Product Range:	Issue No.	Issue Date:	Issue by:
M21004	Rotary Isolators	A	10/01/2018	R.M

Description:

100A 4 pole switch disconnecter with earth clamp in IP67 insulated enclosure.
This isolator should not be operated when submerged.

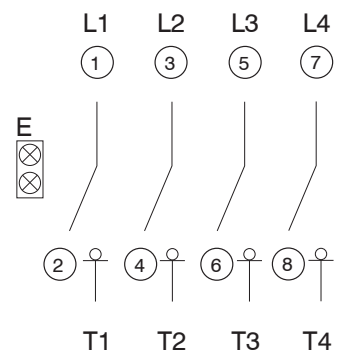
Features:

- Modern design and manufacturing process.
- IP67 ingress protection allows installation in the most severe conditions.
- Dedicated LOCK OFF position.
- High switching capability.
- Strong high impact resistance enclosure.



General Characteristics:

Standard	BSEN 60947 - 1 & 3. EN 60529
Current Rating	100A AC21A @ 415V, 500V & 690V ac 100A AC22A @ 415V, 500V & 690V ac 100A AC23A @ 415V, 80A @ 500V, 63A @ 690V ac 55kW @ 415V, 500V & 690V ac
Voltage Rating	690V ac maximum
Fault Current - Icc	20 kA with 125A gG back up fuse maximum
Enclosure	Glass fibre reinforced unsaturated polyester resin. High flame resistance and anti-carbonisation. (PC + ABS)
Handle	2 Padlock positions in the LOCK OFF position. Padlock not supplied.
IP Rating	Enclosure - IP67 & switch terminal - IP20
Impact Resistance	IK08
Pollution degree	3
No. of Poles	4 Switched
Operating Temperature	-25°C to 40°C
Cable Capacity	35mm ² maximum. Screw terminal
Terminal Torque	6Nm
Cable Entry Facility	2x M40/50 knockout's - top, bottom & rear. 2x M16 knockout each side
Front Cover	Screw fixed cover. 2 screws have sealing facility. Captive cover screws
Equipment Type	Fixed stationary
Weight	1.9kg



Switchgear Fitted:

Device	Rating
4 Pole switch disconnecter	100A

Accessories. Ordered separately.

1 normally open & 1 normally closed auxiliary contact. Part No.: **M2A11**

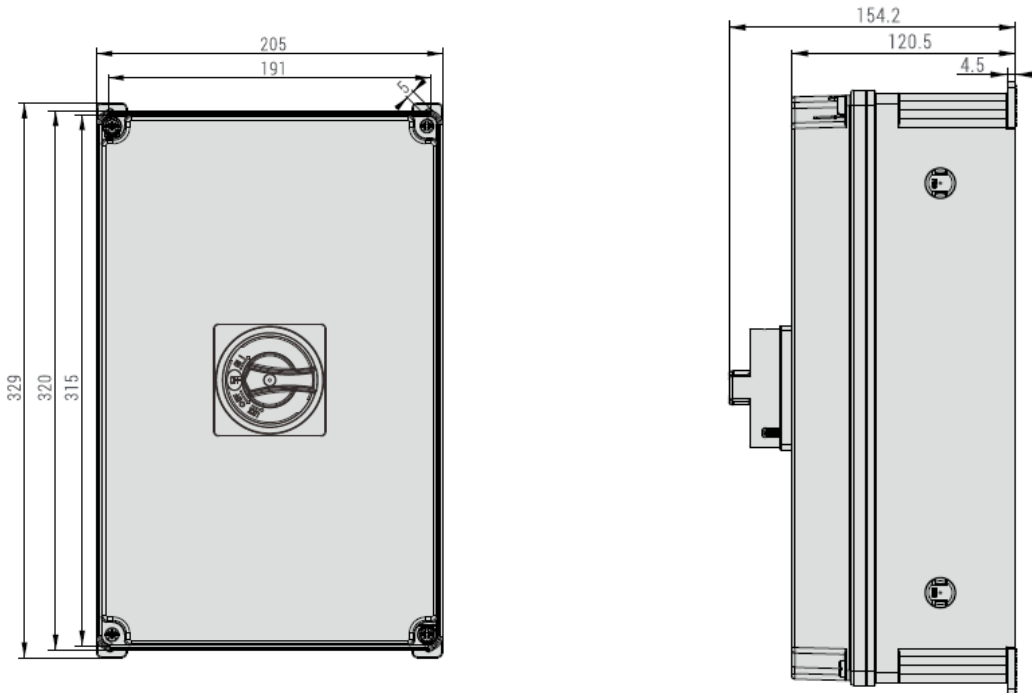
Auxiliary contact rating: AC-13 - 10A @ 230V ac. AC-15 - 6A @ 230V ac.



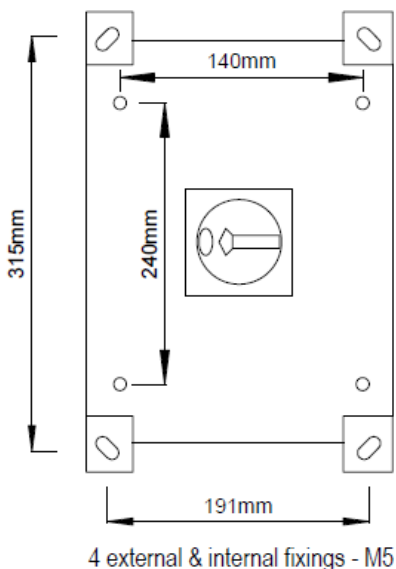
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Fixing Centres:



Additional information.

Usage

Intended for use by skilled persons or instructed persons.

Electrical

Earth terminal

Rated frequency: 50 / 60 Hz.

Rated operational voltage: 690V ac maximum

Rated insulation voltage (Ui): 800V

Rated impulse voltage (U imp): 8 kV

Earthing system:

EMC environment: Environment type A.

Physical

Ambient operating temperature -25 to 40 °C.

These isolators should not be operated when submerged.

Maximum altitude: 3000m.

Enclosure: Glass fibre reinforced polyester.

Installation

Service conditions: Wiring of this product must comply with current IEE regulations. Units are intended for indoor use and **NOT** where high levels of humidity and temperature are experienced.

Note: IP rating of enclosures can be compromised if correct use of glands is not followed when installing unit.

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).