

Technical Data Sheet

Document Ref: QAP050 Version No: V3 Date: 29/1/21

Owned by: Paul Marland

MODIS 12 ULTRA MCCB HOUSINGS

Main Features

- For use with Modis 12 Ultra system
- Meets the requirements of EN 61439-2
- Form 4
- IP3X as standard
- One end plate and no side plates supplied with each housing
- Devices, neutral links and accessories are to be ordered separately
- Connections to horizontal Modis 12 Ultra busbars are to be ordered separately (1 set per device)
- If the YA6, YA7 or YA8 frame size MCCB is used as an outgoing device it should **NOT** be mounted below the horizontal busbars.



CATALOGUE NUMBERS

MODIS 12 ULTRA DEVICE ENCLOSURES

MODIS 12 OLIKA DEVICE ENCLOSURES				
Assembly	Modular	Housing	Busbar	Housing
Current	Height	Product	Connection	Weight
Rating		Code	Product Code	(kg)
400A	2	MHYB1X4	MCYB1	17
500A	2	MHYB3X3	MCYB3	18
400A	5	MHYA5X1	MCYA5	23
630A	5	MHYA6X1	MCYA6	27
800A	5	MHYA6X2	MCYA6	29
1000A*	6	MHYA7X1	MCYA7	32
1250A*	6	MHYA8X1	MCYA8**	34
	Assembly Current Rating 400A 500A 400A 630A 800A 1000A*	Assembly Modular Current Height Rating 400A 2 500A 2 400A 5 630A 5 800A 5 1000A* 6	Assembly Modular Housing Current Height Product Rating Code 400A 2 MHYB1X4 500A 2 MHYB3X3 400A 5 MHYA5X1 630A 5 MHYA6X1 800A 5 MHYA6X2 1000A* 6 MHYA7X1	Assembly Modular Housing Busbar Current Height Product Connection Rating Code Product Code 400A 2 MHYB1X4 MCYB1 500A 2 MHYB3X3 MCYB3 400A 5 MHYA5X1 MCYA5 630A 5 MHYA6X1 MCYA6 800A 5 MHYA6X2 MCYA6 1000A* 6 MHYA7X1 MCYA7



Technical data

Enclosure mounting
Rated voltage (Un)
Rated operational Voltage (Ue)
Rated insulation Voltage (Ui)
Rated impulse withstand voltage (Uimp): 6kV
External IP Rating
Internal form of segregation

Surface
415Vac
500Vac
Ruted impulse withstand voltage (Uimp): 6kV
External IP Rating
IP3X
Form 4, IP2X

Construction Outer Painted 1.2/1.6mm (min) thick zinc plated sheet steel.
Construction Inner Painted 1.2mm (min) thick zinc plated sheet steel and

1.2mm thick aluminium-zinc coated sheet steel.

Internal segregation materials Aluminium-zinc coated sheet steel and rigid polycarbonate

barriers

Connection material High conductivity copper

Paint Polyester powder coat, low smoke/fume, depth 40/120

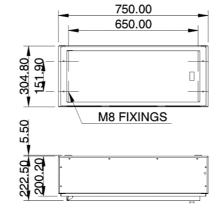
microns colour RAL7035

Dorman Smith Switchgear Ltd. reserve the right to change or amend any technical specification or product detail without prior notification.





MHYB1X4 & MHYB3X3





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^{*}Cannot be fitted to 630A busbars

^{**}If a 4 pole YA8 device is used the busbar connections are product code MCYA84P

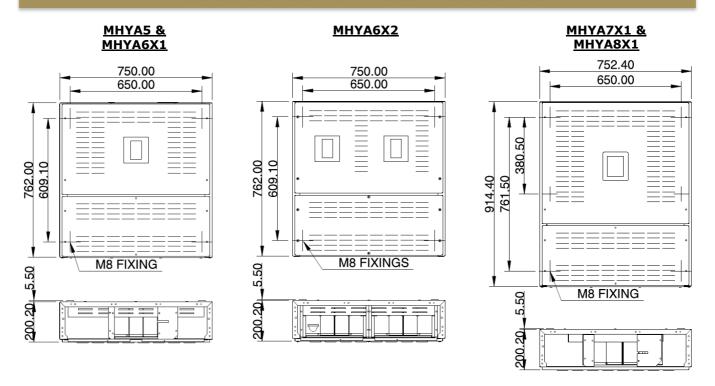


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