

Information Sheet for MD402

MD402 Product Description

The MD402 is one of our most versatile & utilised 400a board. This board is the stalwart of any event or festival, providing no less than 15 outgoing ways of various amperage & both three- & single-phase options. For added protection it is HPDE board is protected with a 25mm box section stainless steel (316L) crash frame complete with forklift pockets.

Features and Benefits:

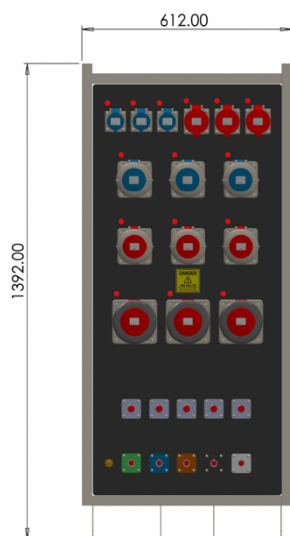
- > Built from 10mm thick High-density Polyethylene for longevity
- > Built in stacking system
- > Forklift pockets for manoeuvrability on site
- > 400a 3 phase power-safe incoming connectors
- > 400a 3 phase power-safe feedthrough for linking units together
- > All breakers have full access through windows on the back plate
- > Individual earth leakage on each output
- > Full plug & play capability
- > Indoor & outdoor use

Popular Applications

With a 400a power-safe incoming supply this board can be used as a primary board supplied directly from a power source or as part of a larger event distribution application.



Technical Information



Specification

400A 3PH HDPE Event Distribution+Crash Frame
In -
 400A MCCB
 500A Power Locks Drain Set
Out -
 500A Power Locks Source Set (Un-protected-feedthrough)
 3 x 125A 3phase Sockets - 125A 4pole MCCB with Switchable Variable RCD
 3 x 63A 3phase Sockets - C63A 4pole MCB with100mA 4pole RCD
 3 x 63A 1phase Sockets - C63A 2pole MCB with100mA 2pole RCD
 3 x 32A 3phase Sockets - C32A-30mA 4pole RCBO
 3 x 16A 1phase Sockets - C16A-30mA 2pole RCBO

Notes

Switchgear-ABB
 Sockets-Mennekes



Product Socket Configuration

Inlet	Phase	Protection	Earth Leakage	IP Rating
400 A	3	MCCB	N/A	44
Outgoing	Phase	Protection	Quantity	IP Rating
16 A	1	30mA RCBO	3	44
32 A	3	30mA RCBO	3	44
63 A	1	MCB + RCD 100mA	3	67
63 A	3	MCB +RCD 100mA	3	67
125 A	3	MCCB + ADJ E/L	3	67
400 A	3	FEED THROUGH	1	67
Total			15	

Other Features and Mechanical Information

Phase Indication	Power Indication	Lifting	Frame
Presence & rotation	Red lamp per socket	2 x forklift pockets	Yes
Enclosure	Overall IP Rating	Size (mm)	Weight (kg)
HDPE 10 mm	44	1392 x 612 x 495	110
Power Monitoring	Warranty		
Optional	12 months		

Manufacturing Standard
 IEC 61439: Part 2 etc
 ISO 9001-2015

MD402_Version2_11/2020

T: 01543 574111

E: enquiries@idesystems.co.uk

W: www.idesystems.co.uk