

Distribution Boxes



Technical Datasheet

Key Features

- High Thermal Stability - ASA Plastic
- Transparent Polycarbonate Door
- UV Stable / Halogen Free
- Internal Terminal Busbar Current Rating 63A
- Rated Insulation Voltage 1500VDC
- IP65 Rating - Inside / Outside Use
- Earth & Neutral Bars Included
- Suitable for Photovoltaic Applications
- Key Accessory



Each enclosure comes with a set of accessories:-

- Divisible blanking plates included from E-06W upwards
- 4 x wall plugs and screws
- 4 x internal screw caps
- Application identifier stickers



Options & Ordering Codes

E - 04W	
Series	
Distribution Boxes	E
Modules / Poles	
4-Way	04W
6-Way	06W
8-Way	08W
12-Way	12W
18-Way	18W
24-Way	24W
36-Way	36W
48-Way	48W

Technical Data

Protection Class	IP65
Isolation Class	II □
Impact Kit	IK08
Normal Voltage	400V AC
Rated Insulation Voltage	1500VDC
Temperature Range	-20°C to 60°C
Colour	RAL 7035
Compliance	EN 60670-1:2009 EN 60670-24:2014 IEC 62208:2011

Specification

Type	Description	No. of Terminals PE/N	Dimensions - mm (H x W x D)	Entries Description
E-04W	4 Modules (1 x DIN Rail row)	4/4	201 x 128 x 120	4 x M20 + 4 x M25/32
E-06W	6 Modules (1 x DIN Rail row)	6/6	201 x 165 x 120	6 x M20 + 4 x M25/32
E-08W	8 Modules (1 x DIN Rail row)	8/8	201 x 202 x 120	8 x M20 + 6 x M25/32
E-12W	12 Modules (1 x DIN Rail row)	10/10	259 x 319 x 144	12 x M20 + 10 x M25/32 + 4 x M32/M40 + 2 x Knockout Plate 37 x 90mm
E-18W	18 Modules (1 x DIN Rail row)	13/13	259 x 428 x 144	12 x M20 + 10 x M25/32 + 4 x M32/M40 + 2 x Knockout Plate 37 x 90mm
E-24W	24 Modules (2 x DIN Rail row)	13/13	384 x 319 x 144	12 x M20 + 10 x M25/32 + 4 x M32/M40 + 2 x Knockout Plate 37 x 90mm
E-36W	36 Modules (3 x DIN Rail row)	15/15	534 x 319 x 144	12 x M20 + 10 x M25/32 + 4 x M32/M40 + 6 x Knockout Plate 37 x 90mm
E-48W	48 Modules (4 x DIN Rail row)	20/20	663 x 319 x 144	12 x M20 + 10 x M25/32 + 4 x M32/M40 + 6 x Knockout Plate 37 x 90mm

Accessories

Type	Description
E-LOCK	Enclosure Key Lock



String Box Selection Guide

Type	Total Modules	Maximum Isolator capacity (16A to 38A)				Maximum Isolator capacity (40A to 65A)				DC SPD
		2P	4P	6P	8P	2P	4P	6P	8P	4 Module
E-04W	4	1	1	0	0	1	1	0	0	1
E-06W	6	1	1	0	0	1	1	0	0	1
E-08W	8	2	2	1	1	2	2	0	0	2
E-12W	12	3	3	1	1	3	3	1	1	3
E-18W	18	5	5	2	2	4	4	2	2	4
E-24W	24	6	6	2	2	6	6	2	2	6
E-36W	36	9	9	3	3	9	9	3	3	9
E-48W	48	12	12	4	4	12	12	4	4	12

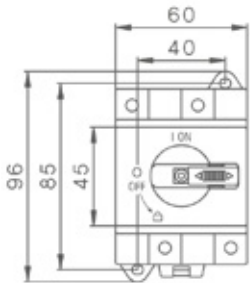
1. Due to the difference in frame size, isolators of frame size 1 (16A to 38A) and frame size 2 (40A to 65A) cannot be mounted on the same DIN rail.
2. DIN rail mounts must be reversed for suitable installation of isolators rated 40A to 65A due to increased depth.

Number of modules

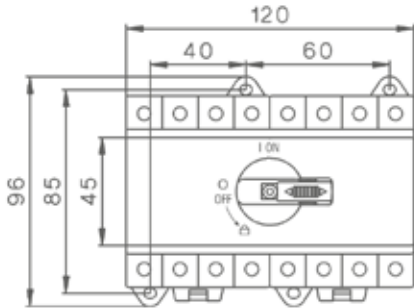
Current Rating (A)	2 Pole Isolator	4 Pole Isolator	6 Pole Isolator	8 Pole Isolator
16 to 38	3.33	3.33	6.67	6.67
40 to 65	4.00	4.00	8.06	8.06
DC SPD	4.00			

Frame size 1

2 and 4 Pole Isolator
16 to 38 A

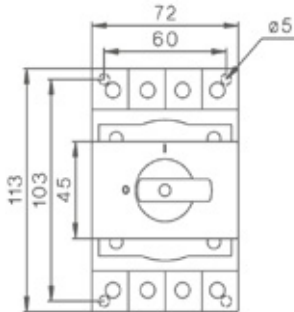


6 and 8 Pole Isolator
16 to 38 A



Frame size 2

2 and 4 Pole Isolator
40 to 65 A



6 and 8 Pole Isolator
40 to 65 A

