

Introduction

ERIS's range of 400A Panel Boards are wall-mounted electrical distribution systems designed for use with MCCBs. The 400A range offers uncomplicated solutions for sub and main power distribution.

The three phase incoming electrical supply can be connected through a Switch Disconnecter, Circuit Breaker or RCBO, the latter offering earth leakage protection. A combination of single phase and three phase loads can be connected to the outgoing terminals.

The neutral conductor can be isolated by the supply connection device or connected directly to the neutral bar. Twin earth and neutral bars allow easy identification with corresponding line conductors. Protection from exposed electrical conductors is provided by a cover plate, through which the supply and loads can be manually switched. Access to the switches is by opening the hinged door which is lockable.

A preset number of 125A and one 160A, 200A or 250A rated outgoing MCCB kit can be used with the 400A range of panel boards. Should you require higher amperage outgoing MCCB's these can be supplied as additional enclosed kits which fit at the top of the panel board.

Type 1 or Type 1+2 surge protection and meter kits are also available should they be required.



Selection Guide

Product Code	Total Outgoing Ways	Outgoing MCCB Combination	Max Outgoing Device Rating	Outgoing Device Frame
ERS404TS	4 x 125A + 1 x 160-250A*	4 x 125A + 1 x 160/200/250A*	125A 160A, 200A, 250A Kit	TB2 Lite E160 (max 125A) or TB2 Lite E250
ERS406TS	6 x 125A + 1 x 160-250A*	6 x 125A + 1 x 160/200/250A*	125A 160A, 200A, 250A Kit	TB2 Lite E160 (max 125A) or TB2 Lite E250
ERS408TS	8 x 125A + 1 x 160-250A*	8 x 125A + 1 x 160/200/250A*	125A 160A, 200A, 250A Kit	TB2 Lite E160 (max 125A) or TB2 Lite E250
ERS412TS	12 x 125A + 1 x 160-250A*	12 x 125A + 1 x 160/200/250A*	125A 160A, 200A, 250A Kit	TB2 Lite E160 (max 125A) or TB2 Lite E250
ERS416TS	16 x 125A + 1 x 160-250A*	16 x 125A + 1 x 160/200/250A*	125A 160A, 200A, 250A Kit	TB2 Lite E160 (max 125A) or TB2 Lite E250

* 160A-250A outgoing devices are supplied as a kit complete with enclosure. Please refer to ERSKMxxxLxTS range of product for more information.

Specifications

Criteria	400A Panel Board
Standard	BS EN 61439-2
Busbar Rated Current	400A
Busbar Material	Copper
Busbar Structure	Fully shrouded
Nominal Voltage	400V AC
Ingress Rating	IP3X to BS EN 60529
Enclosure Material	1.2mm Steel
Enclosure Colour	Powder-coated RAL7035
Outgoing Ways	4+1, 6+1, 8+1, 12+1 & 16+1 Three pole ways
Outgoing MCCB's	Single pole up to 125A Three pole up to 125A Three pole up to 250A
Supply Earth Terminal	M8
Supply Neutral Terminal	M8
Load Earth Terminals	Up to 35mm CSA
Load Neutral Terminals	Up to 35mm CSA
MCCB Load Terminal	125A Tunnel Terminal 250A Frame size M8 Lug (narrow terminal type)
Mounting	Four slotted fixing holes
Cable Entry	Gland plates top and bottom
Door Security	Slotted catch as standard, keylock optional

Enclosure Dimensions & Fixing Centres (mm)

Product Code	Dimensions (mm)			Fixing Centres (mm)		Hole Size mm
	Height	Width	Depth	A	B	
ERS404TS	960	705	200	605	860	8mm
ERS406TS	1025	705	200	605	925	8mm
ERS408TS	1105	705	200	605	1005	8mm
ERS412TS	1250	705	200	605	1150	8mm
ERS416TS	1420	705	200	605	1320	8mm

