CTD48O

NHP Concept Tough Panelboard Size 2 1000mm DINT 48 Way Orange



Component type	Small distribution board
Range	Concept Tough
Model	N/A
Product status	Existing

The Concept Tough Panelboard range is constructed from fully welded 2mm mild steel or 316 marine grade stainless steel for those extra tough environments. Concept Tough has all the features of Concept Premier plus more, including increased depth, width and material thickness for extra strength.

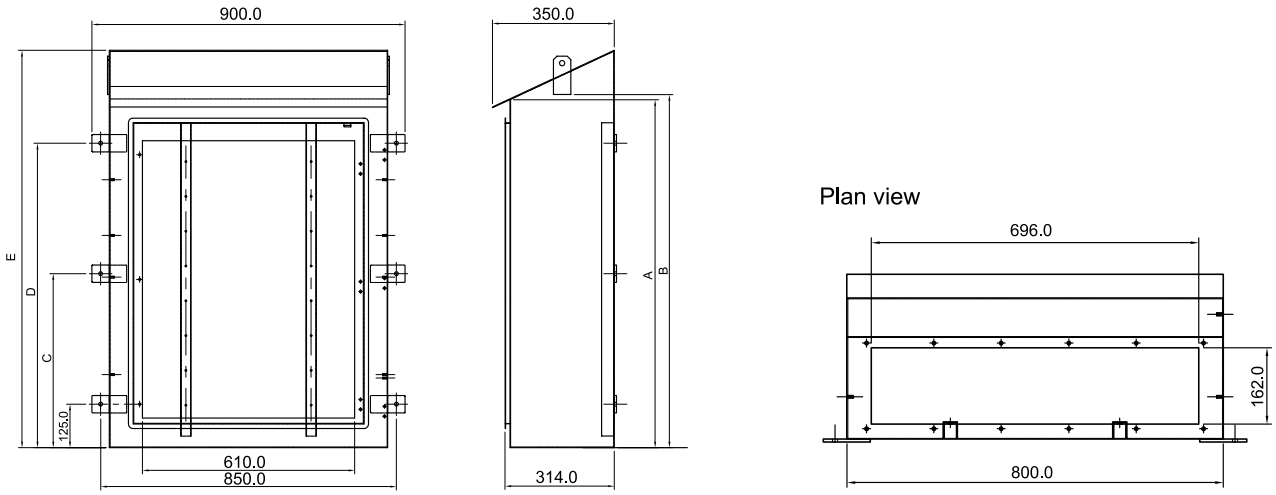
ELECTRICAL	Rated current In	250 A
	Number of outgoing ways	48
	Number of poles, 18mm pitch	48
	Max. rated operation voltage Ue AC	415 V
	Rated impulse withstand voltage Uimp	6 kV
	Rated insulation voltage Ui	500 V
	Neutral terminal block	Yes
	Neutral bar rated current	250 A
	Earthing terminal block	Yes
CONSTRUCTION	Spare DIN equipment space (poles)	18
	DIN-rail	Yes
	Material housing	Steel
	Material thickness	2 mm
	Colour	Orange
	IP rating	IP66
	Type of cover	Door
	Material thickness cover	2 mm
	Transparent cover/door	No
	With lock	Yes
	Mounting method	Surface mounted (plaster)
MECHANICAL	Impact strength	IK10
DIMENSIONS	Height	1000 mm
	Width	800 mm
	Depth	324 mm

Published on 27 May 2026

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DIMENSIONAL DIAGRAM



Module Size	A	B	C	D	E
Size 2	1000 mm	1015 mm	-	750 mm	750 mm
Size 3	1500 mm	1515 mm	750 mm	1375 mm	750 mm
Size 4	2000 mm	2015 mm	1000 mm	1875 mm	2142 mm

RELATED PRODUCTS

ACCESSORY



Item No: CELACMSA4
Required: No
Description: NHP Panelboard Accessory Door Schedule Card Holder 7mm Pocket A4 White



Item No: CELACPA4
Required: No
Description: NHP Panelboard Accessory Door Schedule Card Holder Flat A4 Polycarbonate Clear



Item No: CELBECB4
Required: No
Description: NHP Panelboard Accessory Earth Neutral Extension Bar Suit 250A Bars



Item No: CELBNC12A2
Required: No
Description: NHP Panelboard Accessory Earth Neutral Bar 250A 12 Way 2 Screws 1 to 12



Item No: CELBNC12B2
Required: No
Description: NHP Panelboard Accessory Earth Neutral Bar 250A 12 Way 2 Screws Even 2 to 24



Item No: CELBNC12C2
Required: No
Description: NHP Panelboard Accessory Earth Neutral Bar 250A 12 Way 2 Screws Odd 1 to 23

Item No: CELBNC18B2
Required: No
Description: NHP Panelboard Accessory Earth Neutral Bar 250A 18 Way 2 Screws Even 2 to 36

Published on 27 May 2026

RELATED PRODUCTS

ACCESSORY

Item No: CELBNC24A2
Required: No
Description: NHP Panelboard Accessory Earth Neutral Bar 250A 24 Way 2 Screws 1 to 24

Item No: CELBNC24B2
Required: No
Description: NHP Panelboard Accessory Earth Neutral Bar 250A 24 Way 2 Screws Even 2 to 48

Item No: CELBNC24C2
Required: No
Description: NHP Panelboard Accessory Earth Neutral Bar 250A 24 Way 2 Screws Odd 1 to 47



Item No: CELBNC30C2
Required: No
Description: NHP Panelboard Accessory Earth Neutral Bar 250A 30 Way 2 Screws Odd 1 to 59

Item No: CELBNC36A2
Required: No
Description: NHP Panelboard Accessory Earth Neutral Bar 250A 36 Way 2 Screws 1 to 36

Item No: CELBNC36C2
Required: No
Description: NHP Panelboard Accessory Earth Neutral Bar 250A 36 Way 2 Screws Odd 1 to 71

Item No: CELBNC42C2
Required: No
Description: NHP Panelboard Accessory Earth Neutral Bar 250A 42 Way 2 Screws Odd 1 to 81

Item No: CELBNC48C2
Required: No
Description: NHP Panelboard Accessory Earth Neutral Bar 250A 48 Way 2 Screws Odd 1 to 95



Item No: CELBNG12A2
Required: No
Description: NHP Panelboard Accessory Earth Neutral Bar 400A 12 Way 2 Screw 1 to 12



Item No: CELBNG12B2
Required: No
Description: NHP Panelboard Accessory Earth Neutral Bar 400A 12 Way 2 Screws Even 2 to 24

Item No: CELBNG12C2
Required: No
Description: NHP Panelboard Accessory Earth Neutral Bar 400A 12 Way 2 Screws Odd 1 to 23

Item No: CELBNG18B2
Required: No
Description: NHP Panelboard Accessory Earth Neutral Bar 400A 18 Way 2 Screws Even 2 to 36

Item No: CELBNG18C2
Required: No
Description: NHP Panelboard Accessory Earth Neutral Bar 400A 18 Way 2 Screws Odd 1 to 35

Item No: CELBNG24A2
Required: No
Description: NHP Panelboard Accessory Earth Neutral Bar 400A 24 Way 2 Screws 1 to 24

Item No: CELBNG24B2
Required: No
Description: NHP Panelboard Accessory Earth Neutral Bar 400A 24 Way 2 Screws Even 2 to 48

Item No: CELBNG24C2
Required: No
Description: NHP Panelboard Accessory Earth Neutral Bar 400A 24 Way 2 Screws Odd 1 to 47

Item No: CELBNG30B2
Required: No
Description: NHP Panelboard Accessory Earth Neutral Bar 400A 30 Way 2 Screws Even 2 to 60

RELATED PRODUCTS

ACCESSORY

Item No: CELBNG30C2
Required: No
Description: NHP Panelboard Accessory Earth Neutral Bar 400A 30 Way 2 Screws Odd 1 to 59

Item No: CELBNG36A2
Required: No
Description: NHP Panelboard Accessory Earth Neutral Bar 400A 36 Way 2 Screws 1 to 36



Item No: CELBNG36B2
Required: No
Description: NHP Panelboard Accessory Earth Neutral Bar 400A 36 Way 2 Screws Even 2 to 72



Item No: CELBNG36C2
Required: No
Description: NHP Panelboard Accessory Earth Neutral Bar 400A 36 Way 2 Screws Odd 1 to 71

Item No: CELBNG42B2
Required: No
Description: NHP Panelboard Accessory Earth Neutral Bar 400A 42 Way 2 Screws Even 2 to 84



Item No: CELBNG42C2
Required: No
Description: NHP Panelboard Accessory Earth Neutral Bar 400A 42 Way 2 Screws Odd 1 to 83



Item No: CELBNG48B2
Required: No
Description: NHP Panelboard Accessory Earth Neutral Bar 400A 48 Way 2 Screws Even 2 to 96



Item No: CELBNG48C2
Required: No
Description: NHP Panelboard Accessory Earth Neutral Bar 400A 48 Way 2 Screws Odd 1 to 95



Item No: CELBTC1CC
Required: No
Description: NHP Panelboard Accessory Earth Neutral Bar Connection Tag 250A



Item No: CELBTG1CC
Required: No
Description: NHP Panelboard Accessory Earth Neutral Bar Connection Tag 400A



Item No: CELGBCK3D
Required: No
Description: NHP Panelboard Accessory Chassis Connection Kit Direct GB 3Pole



Item No: CELNCCK3D
Required: No
Description: NHP Panelboard Accessory Chassis Connection Kit Direct NC 3Pole



Item No: CELSNM517
Required: No
Description: NHP Panelboard Accessory Support Neutral suits CPL and CPR

Item No: CELSU
Required: No
Description: NHP Panelboard Accessory Support Duct Bracket



Item No: CPLBSNC
Required: No
Description: NHP Panelboard Accessory Neutral Strap Bar 250A suits 600mm x 200mm Enclosure



Item No: CPRBSNC
Required: No
Description: NHP Concept Premier Panelboard Accessory Neutral Strap Bar 250A suits CPR



Item No: CPSCHEDULECARD
Required: No
Description: NHP Panelboard Accessory Label Door A4 Schedule Card



Item No: DA28400
Required: No
Description: STEGO Pressure Compensation Device Plastic M40 IP66 and X9K Qty 2

RELATED PRODUCTS

ACCESSORY



Item No: DA28404000
Required: No
Description: STEGO Pressure Compensation Device Aluminium M12 IP67 Qty 1



Item No: DA28406
Required: No
Description: STEGO Pressure Compensation Device Plastic M12 IP66 and X9K Qty 2



Item No: DA28420000
Required: No
Description: STEGO Pressure Compensation Device Plastic M40 IP66 Qty 1



Item No: DA28455
Required: No
Description: STEGO Pressure Compensation Device 303 Stainless M40 IP66 and X9K



Item No: DD084
Required: No
Description: STEGO Drainage Device Plastic IP66 and IP67 and IP69K M50



Item No: DINTMS1001
Required: No
Description: NHP DIN-T Main Switch 1Pole 100A



Item No: DINTMS1003
Required: No
Description: NHP DIN-T Main Switch 3Pole 100A



Item No: DINTT100A
Required: No
Description: NHP DIN-T Accessory Through Terminal 100A 1Pole



Item No: DTPF12
Required: No
Description: NHP DIN-T Accessory Pole Filler 12Pole Strip 216mm equals 24 x 9mm Segments



Item No: FXSM5TX10HD12Z
Required: No
Description: NHP Panelboard Accessory Screw M5 x 10mm Thread Forming Hex Flat Head Pozidrive No 2 Slot



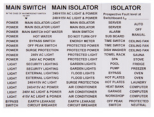
Item No: KEY92268
Required: No
Description: NHP Panelboard Accessory Key 92268 to Key 92268 Qty 2



Item No: KEYCL001
Required: No
Description: NHP Panelboard Accessory Key CL001 to Key CL001 Qty 2



Item No: LABLEG148D
Required: No
Description: NHP Panelboard Accessory Escutcheon Label 1 to 48 suits DINT



Item No: LBLPWBKACC
Required: No
Description: NHP Panelboard Accessory Label A4 Sticker Set