CPLMS48M250O

NHP Concept Plus Panelboard Metering 1080mm IP42 Single Meter DIN-T 48 Way 250A Main Switch Orange

CONCEPT PLUS PANELBOARDS



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

The Concept Plus Panelboard is a multipurpose panelboard for general purpose applications, offering a large range of features and options. Concept Plus offers an IP42 rating with optional IP52.

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
	Number of poles main switch	3
	Main switch rated current	250 A
	Neutral terminal block	Yes
	Neutral bar rated current	250 A
	Earthing terminal block	Yes
	Integrated energy metering function	Yes
CONSTRUCTION	Spare DIN equipment space (poles)	14
	DIN-rail	Yes
	Material housing	Steel
	Material thickness	1.6 mm
	Colour	Orange
	IP rating	IP42
	Type of cover	Door
	Material thickness cover	1.6 mm
	Transparent cover/door	No
	With lock	Yes
	Mounting method	Surface mounted (plaster)
MECHANICAL	Impact strength	IK10
DIMENSIONS	Height	1080 mm

Published on 12 November 2026

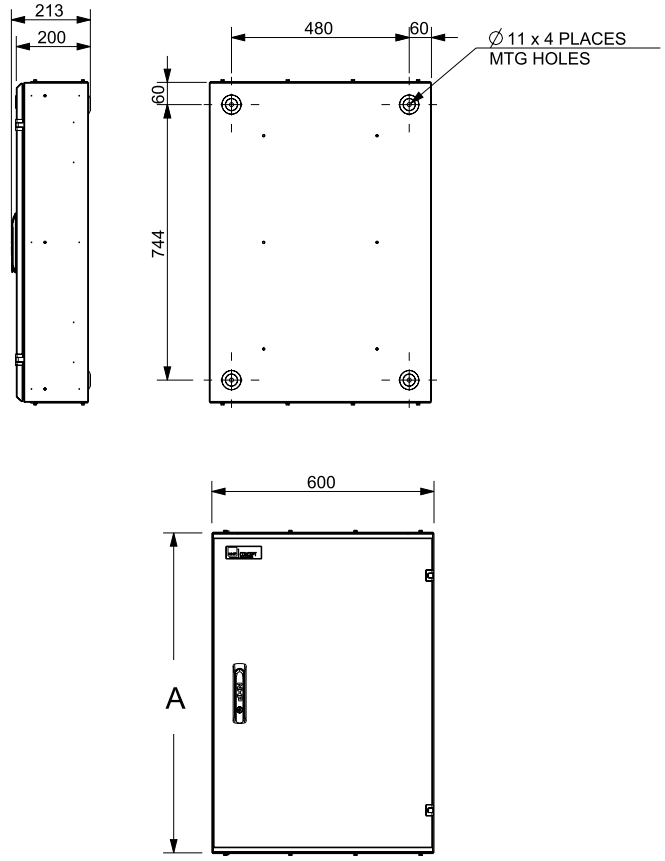
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NHP CONCEPT PLUS PANELBOARDS

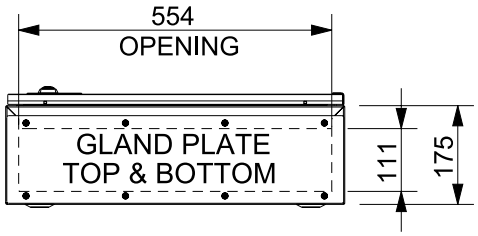
DIMENSIONS		
	Width	600 mm
	Depth	200 mm

DIMENSIONAL DIAGRAM



Module Size	A	B
2	432mm	312mm
3	648mm	528mm
4	864mm	744mm
5	1080mm	960mm
6	1296mm	1176mm
7	1512mm	1392mm
8	1728mm	1608mm
9	1944mm	1824mm

Plan view



RELATED PRODUCTS

ACCESSORY



Item No: CELABGBBK

Required: No

Description: NHP Panelboard Accessory Wall Mounting Brackets Black suit Enclosure 600mm width



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: CELAELK1W

Required: No

Description: NHP Panelboard Accessory Emergency Lighting Test Unit Push Button Open Type

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RELATED PRODUCTS

ACCESSORY



Item No: CELAELK2W
Required: No
Description: NHP Panelboard Accessory Emergency Lighting Test Unit Key Switch Open Type



Item No: CELAFK5OR
Required: No
Description: NHP Concept Plus and Premier Panelboard Accessory Flush Kit 1080mm Orange

Item No: CELAKDHR
Required: No
Description: NHP Panelboard Accessory Door Hinge kit



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

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

Item No: CELBNC48A2
Required: No
Description: NHP Panelboard Accessory Earth Neutral Bar 250A 48 Way 2 Screws 1 to 48



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

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

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

Item No: CELBNG48A2
Required: No
Description: NHP Panelboard Accessory Earth Neutral Bar 400A 48 Way 2 Screws 1 to 48



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: CELDLR5MS
Required: No
Description: NHP Panelboard Accessory Door Locking Rods Size 5 Modules



Item No: CELEN24
Required: No
Description: NHP Panelboard Accessory Earth Neutral Kit 24 Way



Item No: CELEN24D
Required: No
Description: NHP Panelboard Accessory Earth Neutral Bar Kit 24 Way Dual Bar Odd and Even



Item No: CELEN36
Required: No
Description: NHP Panelboard Accessory Earth Neutral Kit 36 Way

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RELATED PRODUCTS

ACCESSORY

Item No: CELES5D48H1AP
Required: No
Description: NHP Panelboard Accessory Escutcheon 48 Way Extra Row 24 Way 5 Modules 1080mm White



Item No: CELES5D60AP
Required: No
Description: NHP Panelboard Accessory Escutcheon 60 Way 5 Modules 1080mm White

Item No: CELES5D60LAP
Required: No
Description: NHP Concept Panelboard Accessory Escutcheon 60 Way 5 Modules 1080mm White Lockdin



Item No: CELES5NAP
Required: No
Description: NHP Panelboard Accessory Escutcheon Blank 5 Modules 1080mm White



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



Item No: CELHCRP21A60
Required: No
Description: NHP Panelboard Accessory Locking Roller Cam 1 Point 22mm



Item No: CELHCRP21C60
Required: No
Description: NHP Panelboard Accessory Door Handle Cam Roller Three Point



Item No: CELHDSPBE
Required: No
Description: NHP Panelboard Accessory Door Swing Handle E Key



Item No: CELHDSPPP
Required: No
Description: NHP Panelboard Accessory Door Swing Handle Pad Lockable 10mm



Item No: CELHDSPS9
Required: No
Description: NHP Panelboard Accessory Door Swing Handle 92268



Item No: CELHDSPSC
Required: No
Description: NHP Panelboard Accessory Door Swing Handle CI001

Item No: CELHDSZNKIT
Required: No
Description: NHP Panelboard Accessory Door Swing Handle IP66 Non Lockable

Item No: CELHDSZQ7KIT
Required: No
Description: NHP Panelboard Accessory Door Swing Handle 7mm Square



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: CPLAPDGAL
Required: No
Description: NHP Panelboard Plinth Kit Double 75mm Hot Dip Galvanised suit Enclosure 600x200mm



Item No: CPLAPSGAL
Required: No
Description: NHP Panelboard Plinth Kit Single 75mm Hot Dip Galvanised suit Enclosure 600x200mm

RELATED PRODUCTS

ACCESSORY



Item No: CPLAPTGAL

Required: No

Description: NHP Panelboard Plinth Kit Triple 75mm Hot Dip Galvanised suit Enclosure 600x200mm



Item No: CPLBSNC

Required: No

Description: NHP Panelboard Accessory Neutral Strap Bar 250A suits 600mm x 200mm Enclosure



Item No: CPLEGGF

Required: No

Description: NHP Panelboard Gland Plate Gasket Foam suit Enclosure 600x200mm



Item No: CPLEGPAL3

Required: No

Description: NHP Panelboard Gland Plate 3mm Aluminium suit Enclosure 600x200mm



Item No: CPLEGPBK5

Required: No

Description: NHP Panelboard Gland Plate 5mm Bakelite suit Enclosure 600x200mm



Item No: CPLEGPBR3

Required: No

Description: NHP Panelboard Gland Plate 3mm Brass suit Enclosure 600x200mm



Item No: CPLEGPMS1OR

Required: No

Description: NHP Panelboard Gland Plate 1.6mm Steel Orange suit Enclosure 600x200mm



Item No: CPRACC24O

Required: No

Description: NHP Concept Premier Panelboard Accessory Module 432mm IP66 DIN 24 Way Cutout Escutcheon Orange



Item No: CPRACC2MEO

Required: No

Description: NHP Concept Premier Panelboard Accessory Module 432mm IP66 with Blank Escutcheon Orange



Item No: CPRACC3MEO

Required: No

Description: NHP Concept Premier Panelboard Accessory Module 648mm IP66 with Blank Escutcheon Orange



Item No: CPRACC3MO

Required: No

Description: NHP Concept Premier Panelboard Accessory Module 648mm IP66 without Escutcheon Orange



Item No: CPRACC48O

Required: No

Description: NHP Concept Premier Panelboard Accessory Module 432mm IP66 DIN 48 Way Cutout Escutcheon Orange



Item No: CPRACC5MEO

Required: No

Description: NHP Concept Premier Panelboard Accessory Module 1080mm IP66 with Blank Escutcheon Orange



Item No: CPRACC6MEO

Required: No

Description: NHP Concept Premier Panelboard Accessory Module 1296mm IP66 with Blank Escutcheon Orange



Item No: CPRACC72O

Required: No

Description: NHP Concept Premier Panelboard Accessory Module 648mm IP66 DIN 72 Way Cutout Escutcheon Orange



Item No: CPRACC7MEO

Required: No

Description: NHP Concept Premier Panelboard Accessory Module 1512mm IP66 with Blank Escutcheon Orange



Item No: CPRACC8MEO

Required: No

Description: NHP Concept Premier Panelboard Accessory Module 1728mm IP66 with Blank Escutcheon Orange

RELATED PRODUCTS

ACCESSORY



Item No: CPRACC9MEO
Required: No
Description: NHP Concept Premier Panelboard Accessory Module 1944mm IP66 with Blank Escutcheon Orange



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



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: LABLEG4996D
Required: No
Description: NHP Panelboard Accessory Escutcheon Label 49 to 96 suits DINT

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RELATED PRODUCTS

ACCESSORY



Item No: LBLPWBKACC

Required: No

Description: NHP Panelboard Accessory Label A4 Sticker Set

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