CPL48M160G

NHP Concept Plus Panelboard 864mm IP42 DIN-T 48 Way 250A NC Chassis 160A Main Switch Grey

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.

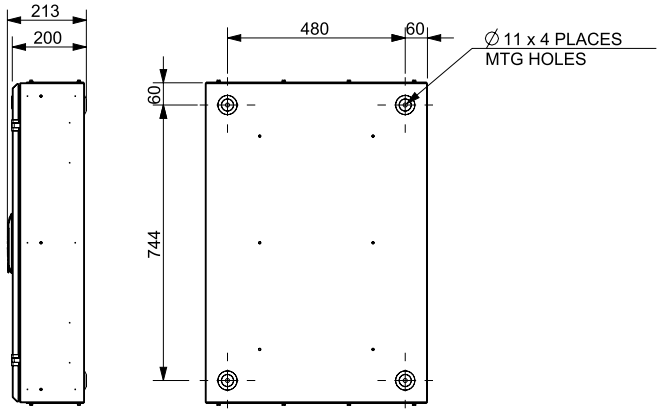
ELECTRICAL	Rated current In	250 A
	Number of outgoing ways	48
	Number of poles, 18mm pitch	48
	Max. rated operation voltage Ue AC	415 V
	Rated impulse withstand voltage Uimp	6 kV
	Rated insulation voltage Ui	500 V
	Number of poles main switch	3
	Main switch rated current	160 A
	Neutral terminal block	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	1.6 mm
	Colour	Grey
	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	864 mm
	Width	600 mm
	Depth	200 mm

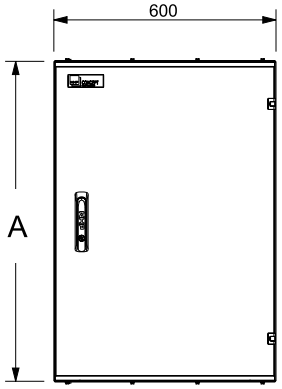
Published on 12 October 2026

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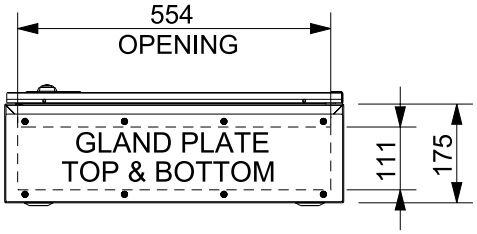
DIMENSIONAL DIAGRAM





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: CELAELK1W

Required: No

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



Item No: CELAELK2W

Required: No

Description: NHP Panelboard Accessory Emergency Lighting Test Unit Key Switch Open Type



Item No: CELAFK4SG

Required: No

Description: NHP Concept Plus and Premier Panelboard Accessory Flush Kit 864mm Grey

Item No: CELAGMS05

Required: No

Description: NHP Panelboard Accessory Gear Tray 108mm White suit Enclosure Width 600mm

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RELATED PRODUCTS

ACCESSORY

Item No: CELAGMS1
Required: No
Description: NHP Panelboard Accessory Gear Tray 216mm White suit Enclosure Width 600mm

Item No: CELAGMS2
Required: No
Description: NHP Panelboard Accessory Gear Tray 432mm White suit Enclosure Width 600mm

Item No: CELAGMS3
Required: No
Description: NHP Panelboard Accessory Gear Tray 648mm White suit Enclosure Width 600mm

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



Item No: CELASSED1
Required: No
Description: NHP Panelboard Accessory Safety Service Enclosure Mounting Kit 1 Pole



Item No: CELASSED2
Required: No
Description: NHP Panelboard Accessory Safety Service Enclosure Mounting Kit 2 Pole



Item No: CELASSED3
Required: No
Description: NHP Panelboard Accessory Safety Service Enclosure Mounting Kit 3 Pole

Item No: CELDLR4MS
Required: No
Description: NHP Panelboard Accessory Door Locking Rods Size 4 Modules



Item No: CELEXTLK1
Required: No
Description: NHP Panelboard Accessory External Light Kit Time Clock 1 CH Contact 2 NO Contacts 25A



Item No: CELEXTLK2
Required: No
Description: NHP Panelboard Accessory External Light Kit Time Clock 2 CH Contacts 2 NO Contacts 25A

Item No: CELEXTLKC
Required: No
Description: NHP Panelboard Accessory External Light Kit Time Clock 1 CH Contact 2 NO Contacts 25A



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

RELATED PRODUCTS

ACCESSORY

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



Item No: CELSURGEK1
Required: No
Description: NHP Concept Panelboard Accessory Surge Type 2 Loom Labels Kit 40kA



Item No: CPLACC24G
Required: No
Description: NHP Concept Plus Panelboard Accessory Module 432mm IP42 DIN 24 Way with Cutout Escutcheon Grey



Item No: CPLACC2MEG
Required: No
Description: NHP Concept Plus Panelboard Accessory Module 432mm IP42 with Blank Escutcheon Grey



Item No: CPLACC2MG
Required: No
Description: NHP Concept Plus Panelboard Accessory Module 432mm IP42 without Escutcheon Grey



Item No: CPLACC3MEG
Required: No
Description: NHP Concept Plus Panelboard Accessory Module 648mm IP42 with Blank Escutcheon Grey



Item No: CPLACC3MG
Required: No
Description: NHP Concept Plus Panelboard Accessory Module 648mm IP42 without Escutcheon Grey



Item No: CPLACC48G
Required: No
Description: NHP Concept Plus Panelboard Accessory Module 432mm IP42 DIN 48 Way with Cutout Escutcheon Grey



Item No: CPLACC4MEG
Required: No
Description: NHP Concept Plus Panelboard Accessory Module 864mm IP42 with Blank Escutcheon Grey



Item No: CPLACC5MEG
Required: No
Description: NHP Concept Plus Panelboard Accessory Module 1080mm IP42 with Blank Escutcheon Grey



Item No: CPLACC6MEG
Required: No
Description: NHP Concept Plus Panelboard Accessory Module 1296mm IP42 with Blank Escutcheon Grey



Item No: CPLACC72G
Required: No
Description: NHP Concept Plus Panelboard Accessory Module 648mm IP42 DIN 72 Way with Cutout Escutcheon Grey



Item No: CPLACC7MEG
Required: No
Description: NHP Concept Plus Panelboard Accessory Module 1512mm IP42 with Blank Escutcheon Grey



Item No: CPLACC8MEG
Required: No
Description: NHP Concept Plus Panelboard Accessory Module 1728mm IP42 with Blank Escutcheon Grey



Item No: CPLACC9MEG
Required: No
Description: NHP Concept Plus Panelboard Accessory Module 19448mm IP42 with Blank Escutcheon Grey



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: 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: CPLEGPMS1SG
Required: No
Description: NHP Panelboard Gland Plate 1.6mm Steel Grey suit Enclosure 600x200mm

Item No: CPLEIP52M4
Required: No
Description: NHP Concept Plus Panelboard Retro Fit Kit IP52 848mm



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