

The NHP logo is a white, bold, sans-serif font set against a dark blue square background.

Concept Distribution Boards

An extensive and flexible range of distribution boards to suit your various application needs

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CONCEPT™ ONE | PANELBOARDS

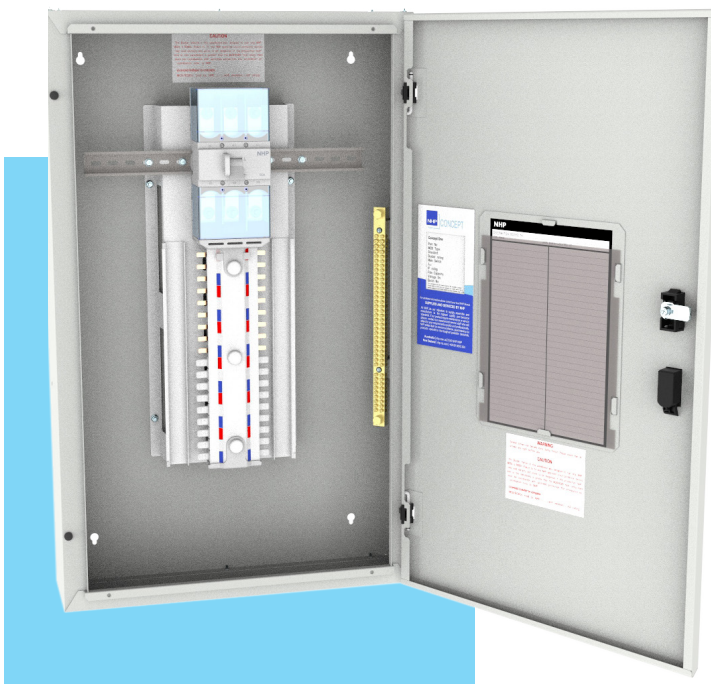
- Designed and tested to the latest switchboard standard AS/NZS 61439.3
- Rugged folded construction- fully assembled
- Modern aesthetics
- Steel or PVC gland plates
- Direct connection metering kit
- Standard semi-flush lockable door handle for increased vandal resistance



Power Distribution

The Concept One is designed for all domestic, commercial applications with Concept Plus and Concept Premier designed for industrial applications.

Concept One is a distribution boards with a core range of standard features to meet today's tough market requirements. Concept One is stocked as an "off the shelf" distribution board and designed to suit NHP DIN MCBs and RCBOs.



- AS/NZS 61439-3
- IP40 for indoor applications
- Mild steel enclosure & masking panel
- 160A or 250A isolator main switch
- Field upgradable to MCCB main switch
- Encapsulated 250A Busbar chassis
- IP2X touch protection
- Direct connection metering kit
- Tough paint finish
- Reversible doors field changeable LH or RH
- Removeable gland-plates (metal or PVC)
- Standard CL001 door handle key code, K144 option
- Standard drawings available (CAD & Revit models)
- Suits MOD6 and DIN-T MCBs RCBOs

Description	Height	No Main Switch Catalogue No.	160A Main Switch Catalogue No.	250A Main Switch Catalogue No.
24 way (8TPN)	648mm	COE24LG	COE24M160LG	COE24M250LG
36 way (12TPN)	864mm	COE36LG	COE36M160LG	COE36M250LG
48 way (16TPN)	864mm	COE48LG	COE48M160LG	COE48M250LG
60 way (20TPN)	1080mm	COE60LG	COE60M160LG	COE60M250LG
84 way (24TPN)	1296mm	COE84LG	COE84M160LG	COE84M250LG

Width 530mm, depth 153mm including door 20mm

Accessories

Description	Catalogue No.
End plate assembly complete with PVC gland (single end)	COEAGPV
Direct connect 100A metering kit (includes enclosure)	COEACCMETER
21 way Accessory module 432mm (1 row 21way)	COEACC21LG
42 way Accessory module 432mm (2 rows 21way)	COEACC42LG
63 way Accessory module 648mm (3 rows 21way)	COEACC63LG
Door handle, key code K144	CELHDSPSK

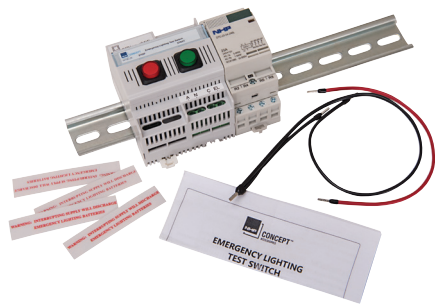


The Concept Range Selection Table

Series	Concept One COE	Concept Plus CPL	Concept Premier CPR
IP rating (option)	IP40	IP42 (IP52)	IP66
Width	530mm	600mm	600mm
Depth (including door)	153mm*	200mm*	240mm*
Mild steel colours	Light grey RAL7035	N42 Storm grey X15 Orange	N42 Storm grey X15 Orange
Stainless steel colours	-	-	X15 Orange Natural (No4)
Material mild steel	1mm	1.6mm	1.6mm
316 Stainless steel	-	-	1.6mm
MCB type	MOD6/ DIN-T	DIN-T	DIN-T
MCB chassis type	Encapsulated	NC encapsulated GB-Isolation option	NC encapsulated GB-Isolation option
MCB chassis rating	250A	250A, 400A	250A, 400A
MCB pole capacity	24-84	24-96	24-96
Spare horizontal DIN spaces	16	18	18
Isolator main switch	160A, 250A	160A, 250A, 400A	160A, 250A, 400A
MCCB main switch	160A, 200A	160A, 200A, 300A	160A, 200A, 300A
Door hinged	RH	RH	RH
Escutcheon hinged	No	Standard	Standard
White escutcheon	Standard	Standard	Standard
Door handle	Semi flush swing handle	Semi flush swing handle	Semi flush swing handle
3 Point locking	-	Option	Standard
Door lock CL001	Standard	Standard	Standard

*excluding door handle

Accessories



Emergency lighting test kit

Open type
CELAELK1W (PB), CELAELK2W (KEY)



Direct 45A kWh meter

EM110DINAV81X01X



Direct connect metering kit

Includes 432mm enclosure, gear tray, clear covers, wiring loom and 100A isolator
COEACCMETER



End plate assembly

With PVC gland-plate
COEAECPV



MOD6 RCBO 30mA

Switched neutral
M6RCBSxx30CAN (6-32A)



Emergency lighting test kit

Enclosed type
ELTKA (KEY), ELTSA (PB)

The NHP logo consists of the letters 'NHP' in a bold, white, sans-serif font, centered within a dark blue square background.

NHP

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