

Compatible Devices



Miniature circuit breakers (MCB's) - PLS6 range

- 6kA according to IEC/EN 60898-1
- Australian standards AS/NZS 4898
- Approval number NSW16860
- Rated currents up to 63A
- Tripping characteristics B, C



Combined residual current devices / MCB's (RCBO's) - eRB6 range

- Rated breaking capacity 6kA
- Single module electronic RCBO
- More compact and easier wiring
- Fully conforms to AS/NZS61009.1:2004 +A1
- Approval number NSW25350
- Widest range of Ampere ratings available 6A to 45A



Miniature circuit breakers (MCB's) - PLSM range

- Rated breaking capacity 10 kA according to IEC/EN 60898-1, 15kA according to IEC/EN 60947-2
- Australian standards AS/NZS 4898
- Approval number NSW16860
- Rated currents up to 63A
- Tripping characteristics B, C, D



Combined residual current devices/Miniature circuit breakers (RCBO's) - eRBM range

- Rated breaking capacity 10kA
- Single module electronic RCBO
- More compact and easier wiring
- Fully conforms to AS/NZS61009.1:2004 +A1
- Approval number NSW25350
- Widest range of Ampere ratings available 6A to 45A

Safety is further increased when using the Eaton xPole range of DIN IEC circuit protection devices which are of the highest quality European manufacture.

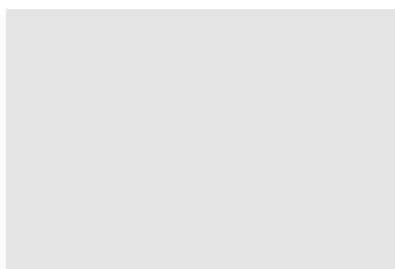
Eaton xPole MCBs and RCBOs have a "true position contact status" coloured flag / indication window on each pole which is directly connected to the moving contact as opposed to the toggle .

Another unique feature of the xPole breaker range is the coloured toggle system which indicates the breakers current rating; making it easier to visually identify ratings of each circuit.

Eaton is positioned through its global solutions to answer today's most critical electrical power management challenges. With 100 years plus of electrical experience behind us, we're energised by the challenge of powering up a world that demands twice as much energy as today. We're anticipating needs, engineering products, and creating solutions to energise our markets served today and into the future.

Eaton is a global leader with expertise in:

- Power distribution and circuit protection
- Backup power protection
- Solutions for harsh and hazardous environments
- Lighting and security
- Structural solutions and wiring devices
- Control and automation
- Engineering services



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xBoard commercial and industrial panelboards

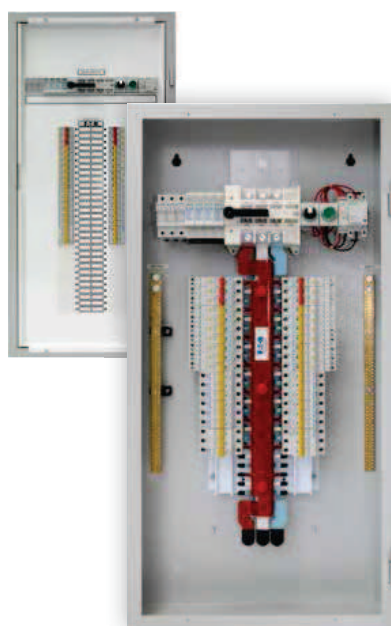
xBoard
effectively combining
safety, reliability
and performance



Safety, reliability and
performance in commercial
and industrial applications

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xBoard xDB Overview



Other key features include a fully rated 250A neutral link, lift-off door with pintle hinges and a slotted chassis pan assembly for easier cabling with incoming and outgoing cables. Safety is a key focus in the new design, with the advantage of a fully shrouded main isolator and a handle that interlocks the escutcheon when it is in the 'ON' position which prevents removal of the escutcheon adding personnel safety.

The xDB xBoard comes available in two box sizes with the choice from 24 to 60 poles. With two options - no main switch allowing user flexibility to elect different main incomer preference or with a 250A main isolator pre-fitted saving valuable time and money.

- 24, 36, 48, 60 poles
- 500 x 130.5mm (W x D)
- IP40 rating
- 1.2mm zincseal construction
- No main switch or 250A isolator options
- DIN chassis
- Grey (RAL7035) enclosure colour
- Removable lift-off escutcheon and door



- Choice between no main switch or pre-fitted with 250A main switch
- Type tested chassis – DIN, 25kA for 0.1sec
- CL001 key lockable door with pintle hinges
- Lift-off escutcheon and door
- 7 pole DIN space either side of main switch to fit emergency light test kit, surge protection, control devices and more
- Designed and manufactured in Australia

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graph TD
    Root["XDB 250 M - 36"] --> Range["Range  
xBoard"]
    Root --> MainIncomer["Main Incomer  
BLANK = No main switch  
M = 250A isolator"]
    Root --> ChassisSize["Chassis Size  
24 = 24 pole chassis  
36 = 36 pole chassis  
48 = 48 pole chassis  
60 = 60 pole chassis"]
  
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Description	Poles	Height	Eaton Item No.
No main switch Grey RAL7035	24	750	XDB250-24
	36	1000	XDB250-36
	48	1000	XDB250-48
	60	1000	XDB250-60
250A main switch isolator Grey RAL7035	24	750	XDB250M-24
	36	1000	XDB250M-36
	48	1000	XDB250M-48
	60	1000	XDB250M-60
*One Kit with 250A main switch Grey RAL7035	24	750	XDB250M-24ONEKIT
	36	1000	XDB250M-36ONEKIT

*One Kit options include 25% capacity of Eaton's compact eRB6 RCBOs included in the delivery to aid a "ready to go bolt to wall and wire solution"

Kits and Accessories	Eaton Item No.
Emergency light test kit	Z-EMER-DIN
Surge diverter kit	XDBP-SDK
Pole fillers 6 pack	AP-45-W
Flush mounting kit 750mm high enclosures	XDB750-FMK
Flush mounting kit 1000mm high enclosures	XDB1000-FMK