



CUSTOM SWITCHBOARDS
XL³ DO

**A FLEXIBLE, RELIABLE
& SCALABLE SOLUTION**





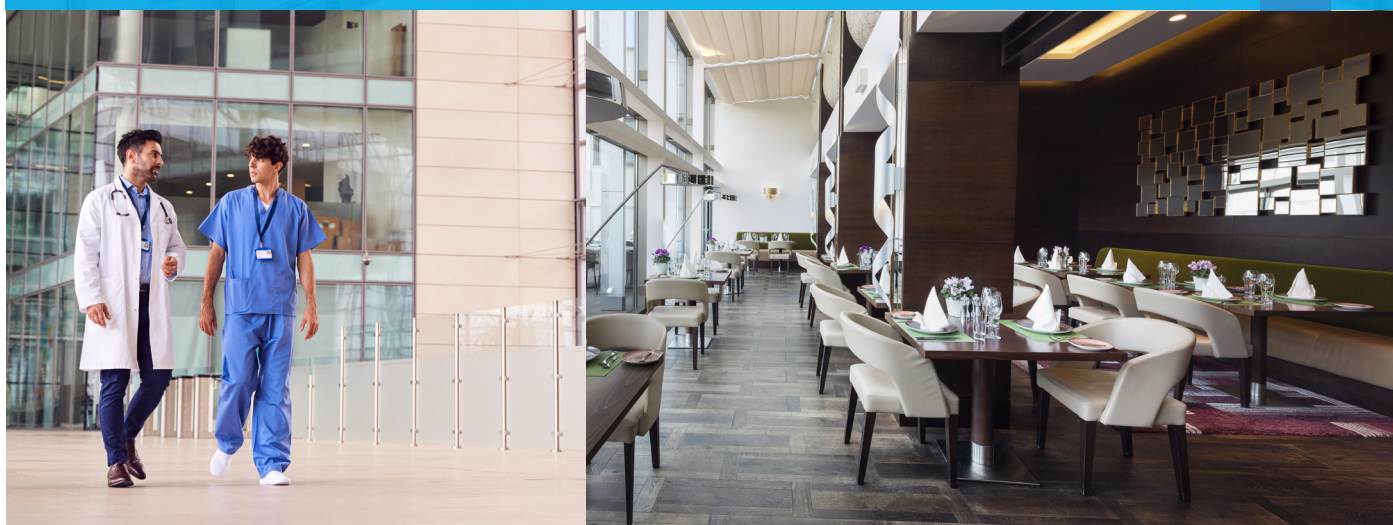
CONFIGURABLE ENCLOSURES

XL³ DO

The new XL³ DO enclosures provide excellent continuity of service, impeccable safety and total flexibility thanks to a choice of customised configurations and a drawer system.

Conforming to standard IEC 61439-2, XL³ DO enclosures also feature internal arc withstand (IEC 61641) and earthquake-resistant technology (up to AG5), which means they can be installed in highly critical industrial projects.

The wide choice of columns offers an unlimited number of XL³ DO enclosure configurations, so you can optimise and adapt your solutions to different types of environment. This is also beneficial when it comes to integration in any technical room.



COLUMNS DIMENSIONS (mm)

Height (external without plinth)	2000 / 2200
Width (external with panels)	450 / 600 / 800
Depth (external with panels)	600 / 800

XL³ DO enclosures have been designed for perfect synergy with the various Legrand protection devices (MCCBs, isolating switches, measurement control units, etc)

XL³ DO

XL³ DO CUSTOM SWITCHBOARDS

The range of XL³ DO is conceptualised, designed and developed to increase the efficiency of power distribution thereby reducing its wastage through connected devices from Legrand.

The modularity in design is optimising every inch of the enclosure while lending flexibility in installation and can easily accommodate restricted space environments.

The safe design assembly is tested as per IEC 61439.

These enclosures are designed for perfect synergy with various Legrand devices such as ACBs, MCCBs, Capacitors, MCBs, Metering devices and OMPs like VSP, MPCB...

XL³ DO offer a smart, safe, simple switchboard beneficial to your power distribution needs of infrastructure, commercial, industries, data centers or any other critical installation.

CHARACTERISTICS

GENERAL DATA:

- Applications: Distribution and Motor control

CLIMATIC RESISTANCE:

- Temperatures: IEC 60068-21
- Salt spray: IEC 60068-2-11
- Installation: Indoor

ELECTRICAL DATA:

- Rated insulation voltage (Ui): up to 1000 V AC
- Voltage rating (Ue): up to 690 V AC
- Rated frequency (F): 50/60 Hz
- Rated impact withstands frequency (Uimp): up to 12 kV
- Auxiliary circuit rated voltage: 24 V DC, 110 V AC/DC, 230 V AC
- Surge category III / IV
- Degree of pollution: 3
- Rated current (In): up to 6300 A
- Horizontal busbar rating: up to 6300 A
- Vertical busbar rating up to 4000 A
- Arcing class A: 85kA-0.4s

HORIZONTAL BUSBAR:

- Rated 1s short-term current (Icw): 30/50/85/100 kA
- Rated peak current: 63/105/187/220 kA

VERTICAL BUSBAR:

- Rated 1s short-term current (Icw): 30/50/85 kA
- Rated peak current: 63/105/220 kA
- Rated conditional short-circuit current (Isc): 100 kA
- Earthing system TT-IT-TNS-TNC
- Power incoming and outgoing limits up to 6300 A

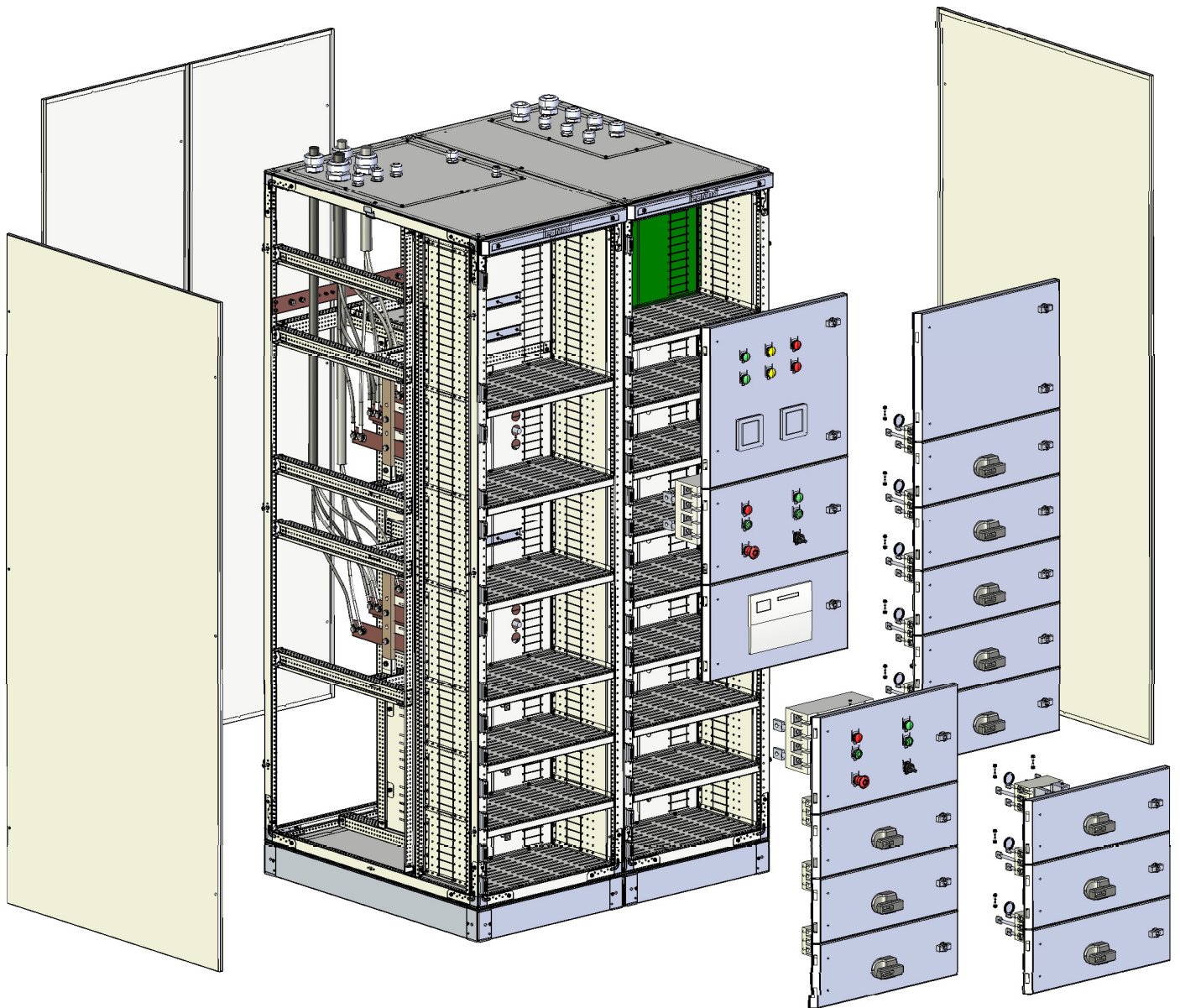
MECHANICAL DATA:

- Cable inlet: Top/bottom
- Access: Front/rear
- Form: up to 4b
- Degree of protection (IP): 30 / 40 / 43 / 54 (IK): 10

DIMENSIONS:

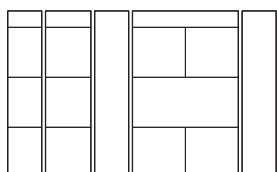
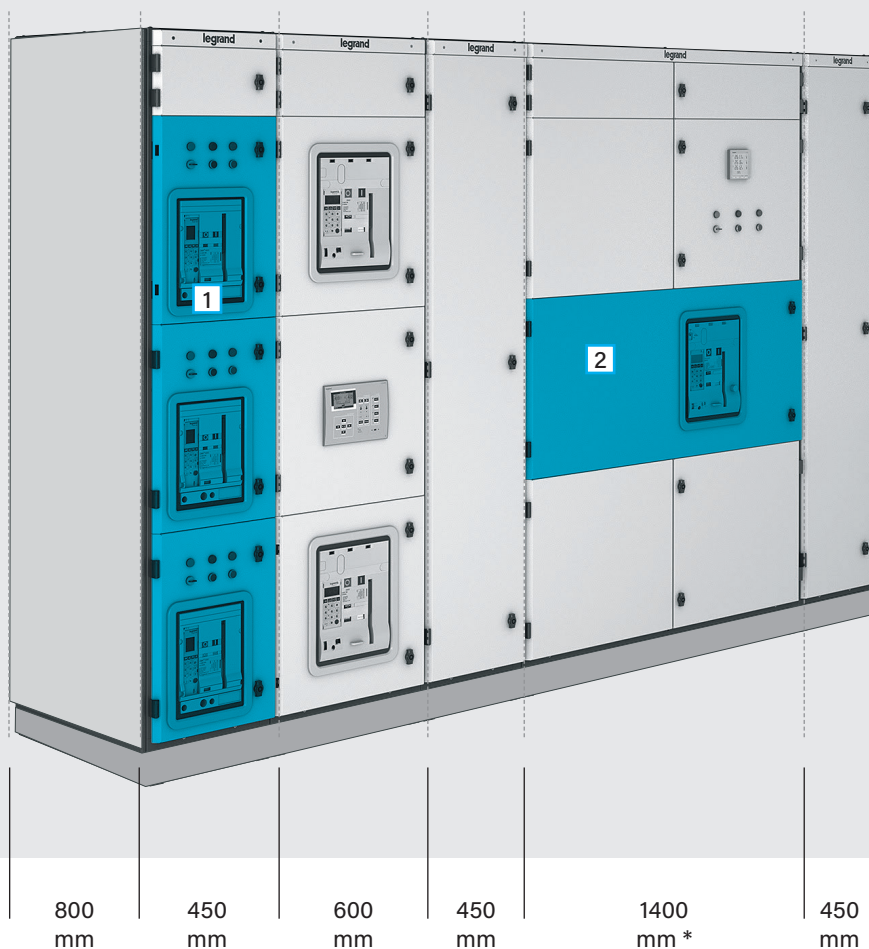
- Height (mm) : 2000/2200
- Width (mm): 450/600/800 (On request: 1000 and 1400)
- Depth (mm) **: 600/800
- Panel coating / Surface protection: Polymerized epoxy/ polyester powder > 70 μ
- Framework / External surface protection: Galvanized / Painted

**Standard modules can be combined to reach 1200 and 1400mm depth



Flexibility, modularity, optimisation

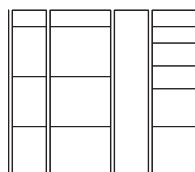
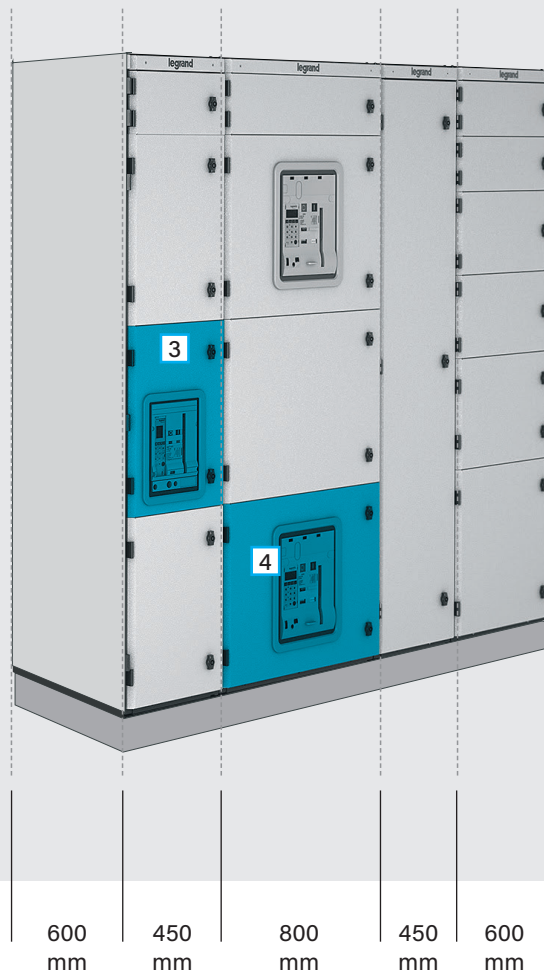
Example of configuration for a cabinet depth 800 mm



- 1 Can take up to 3 DMX3 air circuit breakers size 1600 in 450 mm width column.
- 2 Can take DMX3 air circuit breaker size 6300.

Flexibility, easy maintenance

Example of configuration for a cabinet depth 600 mm



3 **4** Can take DMX3 air circuit breakers sizes 1600, 2500 and 4000.

XL³ DO Custom Switchboards



Base & Roof Plates, Profiles, Mounting & Segmentation walls, Segregation Cableway



XBB600W600D



XPF2000



XPH600



XMW2000H300D



XSW2000H300D



XSC600W600D

Packs	Cat.Nos	Base & Roof Plates	Trade Price \$ (ex GST)
Base Slotted			
1	XBS450W600D	Base Plate Slotted 600 Deep x 450 Wide	\$70.98
1	XBS600W600D	Base Plate Slotted 600 Deep x 600 Wide	\$120.25
1	XBS800W600D	Base Plate Slotted 600 Deep x 800 Wide	\$121.00
1	XBS450W800D	Base Plate Slotted 800 Deep x 450 Wide	\$89.36
1	XBS800W800D	Base Plate Slotted 800 Deep x 800 Wide	\$168.01
Roof Plates			
1	XBB450W600D	Roof Plate Blank 600 Deep x 450 Wide	\$103.40
1	XBB600W600D	Roof Plate Blank 600 Deep x 600 Wide	\$154.88
1	XBB800W600D	Roof Plate Blank 600 Deep x 800 Wide	\$157.68
1	XBB450W800D	Roof Plate Blank 800 Deep x 450 Wide	\$125.96
1	XBB800W800D	Roof Plate Blank 800 Deep x 800 Wide	\$200.89
Profiles			
1	XPF2000	Front Profile 2000 High	\$88.23
1	XPF2200	Front Profile 2200 High	\$98.21
1	XPR2000	Rear Profile 2000 High	\$95.04
1	XPR2200	Rear Profile 2200 High	\$96.53
1	XPH450	Horizontal Profile 450 Wide	\$25.34
1	XPH600	Horizontal Profile 600 Wide	\$30.56
1	XPH800	Horizontal Profile 800 Wide	\$35.72

Packs	Cat.Nos	Mounting Wall & Segmentation Wall	Trade Price \$ (ex GST)
Mounting Side Walls			
1	XMW1800H300D	Mounting Side Wall 300 Deep x 1800 High	\$274.99
1	XMW2000H300D	Mounting Side Wall 300 Deep x 2000 High	\$310.96
1	XMW2200H300D	Mounting Side Wall 300 Deep x 2200 High	\$351.62
Segregation Walls			
1	XSW1800H300D	Segregation Wall 300 Deep x 1800 High	\$140.55
1	XSW2000H300D	Segregation Wall 300 Deep x 2000 High	\$145.36
1	XSW2200H300D	Segregation Wall 300 Deep x 2200 High	\$150.19
1	XSW1800H500D	Segregation Wall 500 Deep x 1800 High	\$248.57
1	XSW2000H500D	Segregation Wall 500 Deep x 2000 High	\$275.23
1	XSW2200H500D	Segregation Wall 500 Deep x 2200 High	\$295.90
Segregation Cableway Cableway Segregation Plates			
1	XSC450W600D	Segregation Plate Cableway 600 Deep x 450 Wide	\$88.11
1	XSC600W600D	Segregation Plate Cableway 600 Deep x 600 Wide	\$128.64
1	XSC800W600D	Segregation Plate Cableway 600 Deep x 800 Wide	\$170.34
1	XSC450W800D	Segregation Plate Cableway 800 Deep x 450 Wide	\$168.64
1	XSC600W800D	Segregation Plate Cableway 800 Deep x 600 Wide	\$171.20
1	XSC800W800D	Segregation Plate Cableway 800 Deep x 800 Wide	\$174.40

XL³ DO Custom Switchboards



Horizontal Plates, Gland Plates, Rear Covers, Hinged Doors



XHP600W



XGP600W600D



XRC600W2000H



XHD450W1800H



XHD600W200H



XHD600W600H

Packs	Cat.Nos	Horizontal Plates	Trade Price \$ (ex GST)
1	XHP600W	Horizontal Plate 600 Wide	\$60.31
1	XHP800W	Horizontal Plate 800 Wide	\$79.99
Gland Plates			
Aluminium Gland Plates			
1	XGP450W600D	Aluminium Gland Plate 600 Deep x 450 Wide	\$59.36
1	XGP600W600D	Aluminium Gland Plate 600 Deep x 600 Wide	\$83.96
1	XGP800W600D	Aluminium Gland Plate 600 Deep x 800 Wide	\$142.14
1	XGP450W800D	Aluminium Gland Plate 800 Deep x 450 Wide	\$67.70
1	XGP800W800D	Aluminium Gland Plate 800 Deep x 800 Wide	\$279.97
Rear Covers			
Rear & Side Covers			
1	XRC450W2000H	Rear & Side Cover 450 Wide x 2000 High	\$194.74
1	XRC450W2200H	Rear & Side Cover 450 Wide x 2200 High	\$219.10
1	XRC600W2000H	Rear & Side Cover 600 Wide x 2000 High	\$349.37
1	XRC600W2200H	Rear & Side Cover 600 Wide x 2200 High	\$353.82
1	XRC800W2000H	Rear & Side Cover 800 Wide x 2000 High	\$353.39
1	XRC800W2200H	Rear & Side Cover 800 Wide x 2200 High	\$355.88

Packs	Cat.Nos	Hinged Doors	Trade Price \$ (ex GST)
Doors			
1	XHD450W1800H	Hinged Door 450 Wide x 1800 High	\$273.15
1	XHD450W2000H	Hinged Door 450 Wide x 2000 High	\$286.53
1	XHD450W2200H	Hinged Door 450 Wide x 2200 High	\$296.31
1	XHD600W200H	Hinged Door 600 Wide x 200 High	\$77.23
1	XHD600W300H	Hinged Door 600 Wide x 300 High	\$88.41
1	XHD600W400H	Hinged Door 600 Wide x 400 High	\$94.77
1	XHD600W500H	Hinged Door 600 Wide x 500 High	\$104.83
1	XHD600W600H	Hinged Door 600 Wide x 600 High	\$150.57
1	XHD600W800H	Hinged Door 600 Wide x 800 High	\$176.92
1	XHD600W1000H	Hinged Door 600 Wide x 1000 High	\$178.98
1	XHD600W1800H	Hinged Door 600 Wide x 1800 High	\$507.43
1	XHD600W2000H	Hinged Door 600 Wide x 2000 High	\$513.57
1	XHD600W2200H	Hinged Door 600 Wide x 2200 High	\$585.44
1	XHD800W200H	Hinged Door 800 Wide x 200 High	\$87.95
1	XHD800W300H	Hinged Door 800 Wide x 300 High	\$104.73
1	XHD800W400H	Hinged Door 800 Wide x 400 High	\$133.19
1	XHD800W500H	Hinged Door 800 Wide x 500 High	\$133.68
1	XHD800W600H	Hinged Door 800 Wide x 600 High	\$190.52
1	XHD800W800H	Hinged Door 800 Wide x 800 High	\$266.73

XL³ DO Custom Switchboards



Gear Trays & ACB Segregation, ACB Mounting, Logo Cover



XGT600W200H



XSA600W600H



XLB600



XLC600

Packs	Cat.Nos	Gear Trays	Trade Price \$ (ex GST)
Gear Trays			
1	XGT600W200H	Gear Tray 600 Wide x 200 High	\$40.79
1	XGT600W300H	Gear Tray 600 Wide x 300 High	\$59.49
1	XGT600W400H	Gear Tray 600 Wide x 400 High	\$77.22
1	XGT600W500H	Gear Tray 600 Wide x 500 High	\$96.95
1	XGT600W600H	Gear Tray 600 Wide x 600 High	\$102.18
1	XGT600W800H	Gear Tray 600 Wide x 800 High	\$133.75
1	XGT800W200H	Gear Tray 800 Wide x 200 High	\$51.90
1	XGT800W300H	Gear Tray 800 Wide x 300 High	\$82.33
1	XGT800W400H	Gear Tray 800 Wide x 400 High	\$117.88
1	XGT800W500H	Gear Tray 800 Wide x 500 High	\$120.22
1	XGT800W600H	Gear Tray 800 Wide x 600 High	\$163.49
1	XGT800W800H	Gear Tray 800 Wide x 800 High	\$222.50
ACB Mounting Segregation Plate ACB			
1	XSA600W600H	ACB Segregation Plate 600 Wide x 600 High	\$65.40
1	XSA800W600H	ACB Segregation Plate 800 Wide x 600 High	\$83.93
ACB Mounting Plate			
1	XAM600	ACB Mounting Plate 600 Wide	\$218.96
1	XAM800	ACB Mounting Plate 800 Wide	\$220.85

Packs	Cat.Nos	Logo Cover	Trade Price \$ (ex GST)
Logo Brackets			
1	XLB450	Logo Bracket 450 Wide	\$29.90
1	XLB600	Logo Bracket 600 Wide	\$33.11
1	XLB800	Logo Bracket 800 Wide	\$38.13
Logo Covers			
1	XLC450	Logo Cover 450 Wide	\$36.10
1	XLC600	Logo Cover 600 Wide	\$39.17
1	XLC800	Logo Cover 800 Wide	\$43.21

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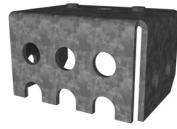
Mullions, Internal Crossbar, Accessories



XML600



XIC600



XICB



XBHK



XMBC

Packs	Cat.Nos	Mullions	Trade Price \$ (ex GST)
1	XML450	Mullion 450 Wide	\$15.94
1	XML600	Mullion 600 Wide	\$17.91
1	XML800	Mullion 800 Wide	\$21.78
Internal Crossbar			
1	XIC600	Internal Crossbar 600 Wide	\$34.10
1	XIC800	Internal Crossbar 800 Wide	\$44.97
1	XICB	Internal Crossbar Bracket	\$9.16

Packs	Cat.Nos	Accessories	Trade Price \$ (ex GST)
Joint 3 Ways			
1	XJ3WM	Joint 3 Ways	\$12.83
1	XJ3WP	Joint 3 Ways Cover	\$1.24
Door Accessories			
1	XHDH	Door Hinge	\$11.64
1	XDLS	Door Lock Square	\$14.08
1	XDLS-KEY	Door Key Square	\$1.79
1	XDLT	Door Lock Triangle	\$59.52
1	XDLT-KEY	Door Key Triangle	\$20.01
Rear Cover Accessories			
1	XRCHB	Rear Cover Support Bracket	\$5.08
Misc			
25m	XIP54	IP54 Gasket	\$103.18
1	XLLS	Logo Sticker	\$3.22
Busbar			
1	XBHK	Busbar Holder Kit	\$413.02
1	G6/BUSBARNUT	M10 Steel Nut For Busbar	\$10.99
1	G6/CUCLAMP	Busbar Copper Contact Piece	\$15.18
Fastenings			
	XF01	SCREW EJOT CSK M6x16	\$0.51
	XF02	SCREW EJOT DOME M6x12	\$0.74
Bracket			
1	XMBC	MULTI MOUNTING BRACKET	\$3.22



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