

Floor Standing Enclosures
Steel Range | Mild Steel
Semi-Compact, Double Door | MKD

IP 55 | TYPE 12, 13 | IK 10



01

Floor Standing Enclosures

1

Material:

Body: 1.35 mm painted steel.
Rear and roof panels: 1.5 mm painted steel.
Door: 2 mm painted steel.
Mounting plate: 3 mm galvanized steel.
Bottom plates: 1 mm galvanized steel.

Body:

Four times folded and seam-welded frame. Integrated depth profiles with hole pattern allowing mounting plate adjustment in depth.

Doors:

Mounted with four hinges. Including door frame with 25 mm hole pattern. Standard doors cannot be reversed. Separate doors to be ordered for left hand door locking.

Rear panel:

Fitted by M6 torx screws. Standard facilities for rear door mounting. Split rear panels on 1600 mm wide enclosures.

Roof panel:

Removable.

Lock:

Espagnolette 4-point locking system. Does not interfere with the enclosure inner space. Standard double-bit lock with 3 mm insert. Can be exchanged for standard inserts or Euro-cylinder and a lift handle.

Bottom plates:

Consists of three pieces.

Mounting plate:

Double folded and slides into position. Adjustable in depth by steps of 25 mm with the MPD02 accessory. Supplied outside of the enclosure packaging. Fitted inside for 1600 mm enclosures.

Earthing:

All panels are earthed through their fittings and are equipped with a separate earthing stud.

Finish:

RAL 7035 structured powder coating.

Protection:

Complies with IP 55 | TYPE 12, 13 | IK 10.

Delivery:

Body with fitted door, rear panel, roof panel, bottom plates, mounting plate (except in PE version) and door frame. Delivery also includes earthing bolts. The enclosure is delivered on a pallet identical to the enclosure width. All packing material is recyclable.



Dimensional table | MKD

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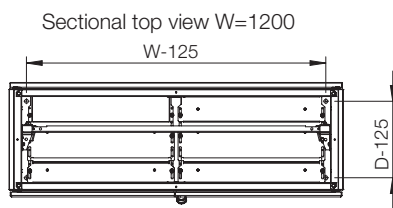
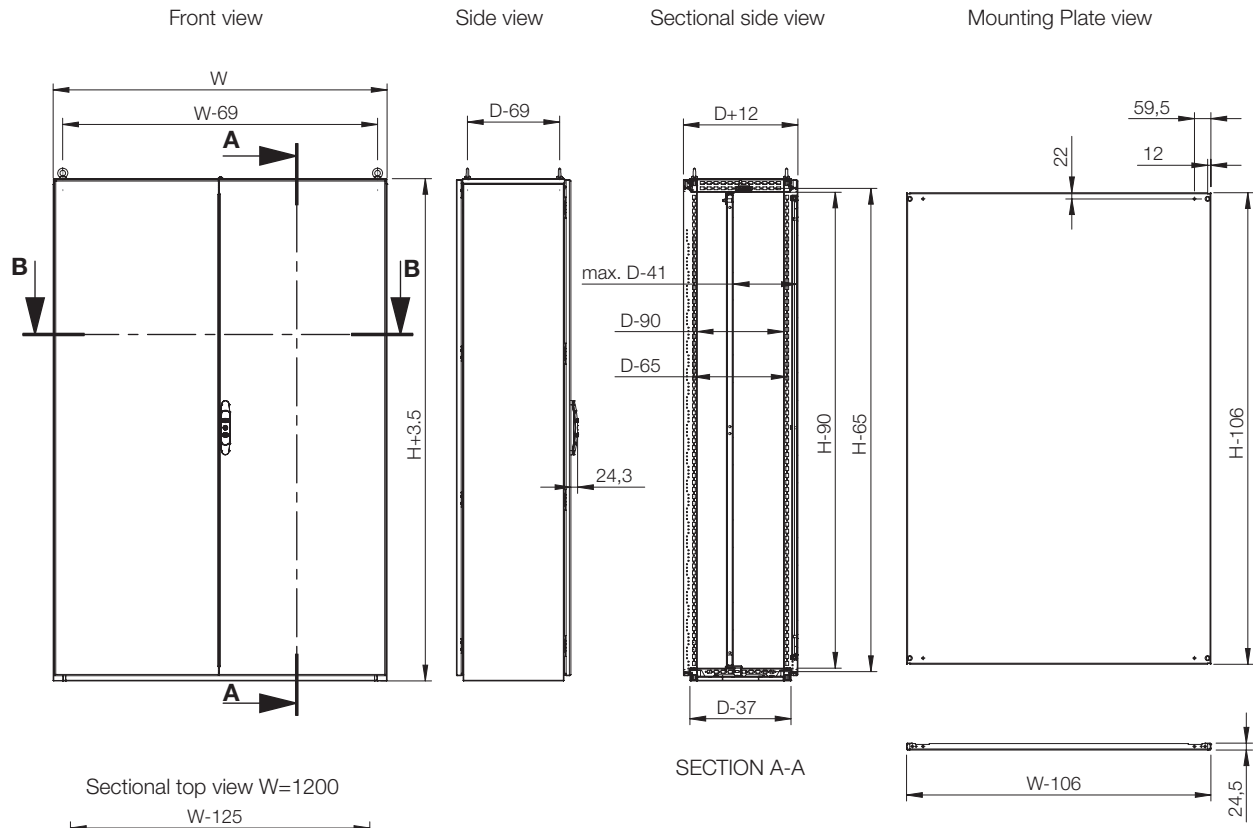
With mounting plate

Enclosure dimensions			Mounting plate dimensions		Usable depth	Item no.
H	W	D	h	w	d	
1600	1200	400	1494	1094	359	MKD16124R5
1800	1200	400	1694	1094	359	MKD18124R5
1800	1600	400	1694	1494	359	MKD18164R5
1800	1600	500	1694	1494	459	MKD18165R5
2000	1200	400	1894	1094	359	MKD20124R5
2000	1600	400	1894	1494	359	MKD20164R5
2000	1600	500	1894	1494	459	MKD20165R5

Without mounting plate

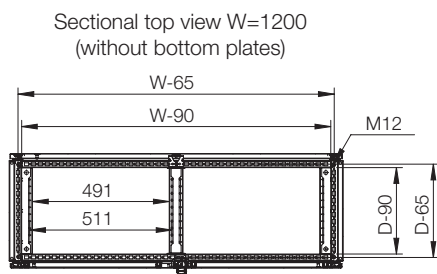
Enclosure dimensions			Item no.
H	W	D	
1600	1200	400	MKD16124PER5
1800	1200	400	MKD18124PER5
1800	1600	400	MKD18164PER5
1800	1600	500	MKD18165PER5
2000	1200	400	MKD20124PER5
2000	1600	400	MKD20164PER5
2000	1600	500	MKD20165PER5

For added cabling options add plinths PF and PCP.

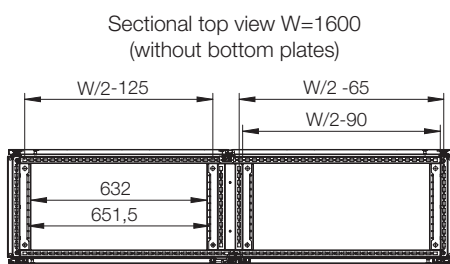
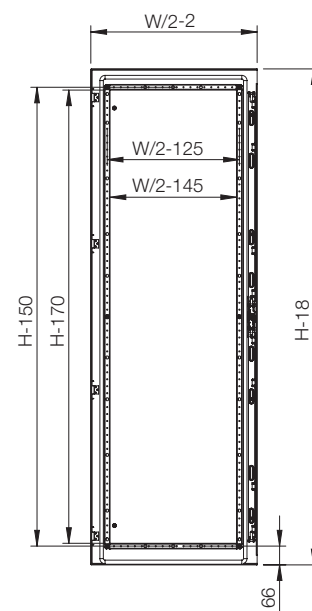
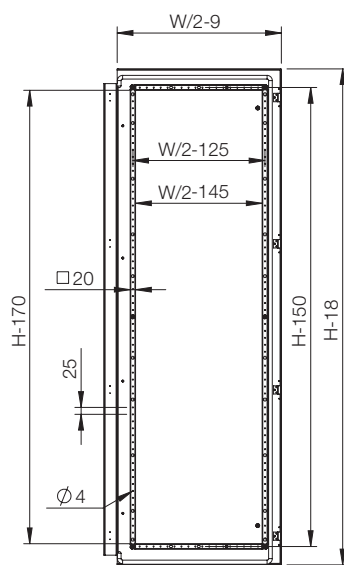


Inside left door view

Inside right door view



SECTION B-B



SECTION C-C

Accessories selection matrix I MKD



Enclosure	Mounting									
	H	W	D	Mounting plate	Mounting profile, in H	Mounting profile, in W	Mounting profile, in D	Click in profile, in W	Click in profile, in D	Side mounting bar
MKD16124R5	1600	1200	400	MP1612	CLPF1600	CLPF1200	CLPF400	CLPK1200	CLPK400	CMB402
MKD18124R5	1800	1200	400	MP1812	CLPF1800	CLPF1200	CLPF400	CLPK1200	CLPK400	CMB402
MKD18164R5	1800	1600	400	MP1816	CLPF1800	CLPF1600	CLPF400	-	CLPK400	CMB402
MKD18165R5	1800	1600	500	MP1816	CLPF1800	CLPF1600	CLPF500	-	CLPK500	CMB502
MKD20124R5	2000	1200	400	MP2012	CLPF2000	CLPF1200	CLPF400	CLPK1200	CLPK400	CMB402
MKD20164R5	2000	1600	400	MP2016	CLPF2000	CLPF1600	CLPF400	-	CLPK400	CMB402
MKD20165R5	2000	1600	500	MP2016	CLPF2000	CLPF1600	CLPF500	-	CLPK500	CMB502

* For semi-compact enclosures (MKS / MKD) the CLPF in depth or a CLPK in width should be used in combination with CAK02 (Profile bracket for compact enclosures).



Enclosure	Fixing					Doors				
	H	W	D	Front/rear plinths (100 mm height)	Plinth side panels (100 mm height)	Front/rear plinths (200 mm height)	Plinth side panels (200 mm height)	Ventilated front / rear plinths (100 mm height)	Plain door, left*	Plain door, right*
MKDN16124R5	1600	1200	400	PF1120	PS1040	PF2120	PS2040	PV1120	DNN1606LR5	DN1606RR5
MKDN18124R5	1800	1200	400	PF1120	PS1040	PF2120	PS2040	PV1120	DNN1806LR5	DN1806RR5
MKDN18164R5	1800	1600	400	2 x PF1080	PS1040	2 x PF2080	PS2040	2 x PV1080	DNN1808LR5	DN1808RR5
MKDN18165R5	1800	1600	500	2 x PF1080	PS1050	2 x PF2080	PS2050	2 x PV1080	DNN1808LR5	DN1808RR5
MKDN20124R5	2000	1200	400	PF1120	PS1040	PF2120	PS2040	PV1120	DNN2006LR5	DN2006RR5
MKDN20164R5	2000	1600	400	2 x PF1080	PS1040	2 x PF2080	PS2040	2 x PV1080	DNN2008LR5	DN2008RR5
MKDN20165R5	2000	1600	500	2 x PF1080	PS1050	2 x PF2080	PS2050	2 x PV1080	DNN2008LR5	DN2008RR5

*DNMK is required for each additional door



Enclosure	Thermal			Cable			
	H	W	D	Ventilated roof	Cable fixing bar (mounted below bottom plates)	Cable fixing bar (mounted above bottom plates)	Ventilated bottom plates
MKD16124R5	1600	1200	400	CVR1204R5	CABP1200	CAB1200	-
MKD18124R5	1800	1200	400	CVR1204R5	CABP1200	CAB1200	-
MKD18164R5	1800	1600	400	CVR1604R5	2xCABP800	2xCAB800	2xCVB0804
MKD18165R5	1800	1600	500	CVR1605R5	2xCABP800	2xCAB800	2xCVB0805
MKD20124R5	2000	1200	400	CVR1204R5	CABP1200	CAB1200	-
MKD20164R5	2000	1600	400	CVR1604R5	2xCABP800	2xCAB800	2xCVB0804
MKD20165R5	2000	1600	500	CVR1605R5	2xCABP800	2xCAB800	2xCVB0805