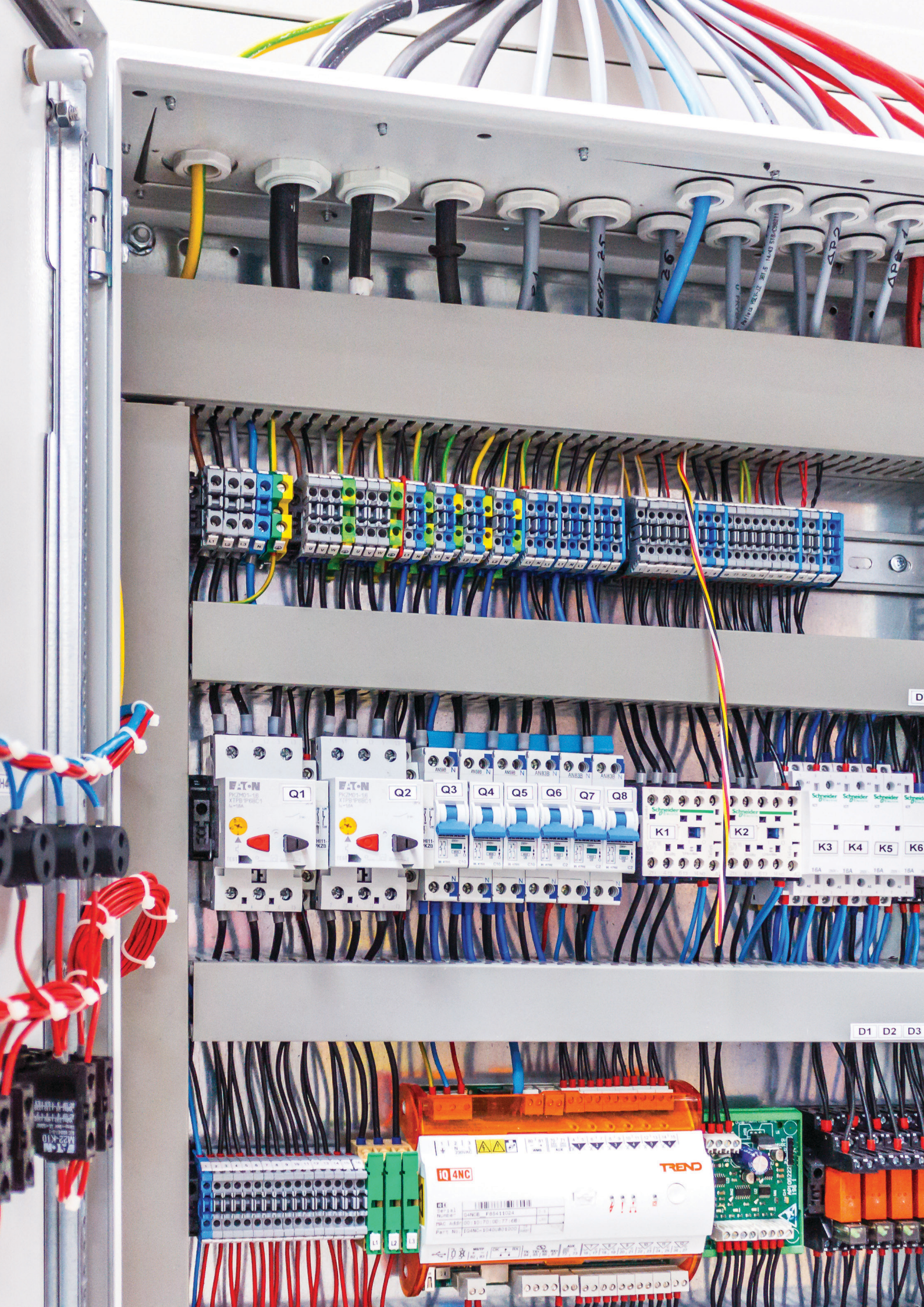




CONNECT AND PROTECT

NC Floor Standing Enclosures



Terminal blocks and wiring connections.

Row of circuit breakers and relays.

Eaton Q1, Q2, Q3, Q4, Q5, Q6, Q7, Q8

Schneider K1, K2, K3, K4, K5, K6

PLC unit and additional wiring.

Schneider IQ4NC

Labels: D1, D2, D3



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Floor Standing Enclosures

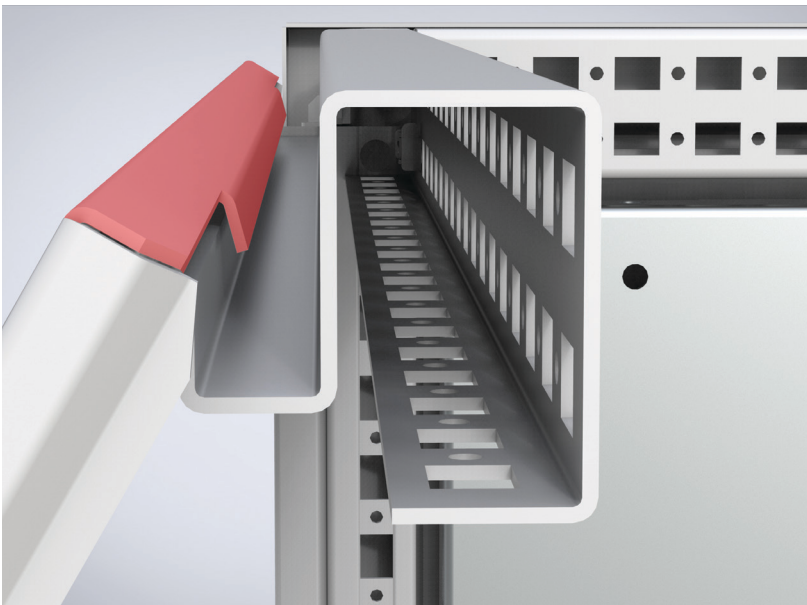
Product Development Drivers



01

PROVEN LOADING CAPACITY

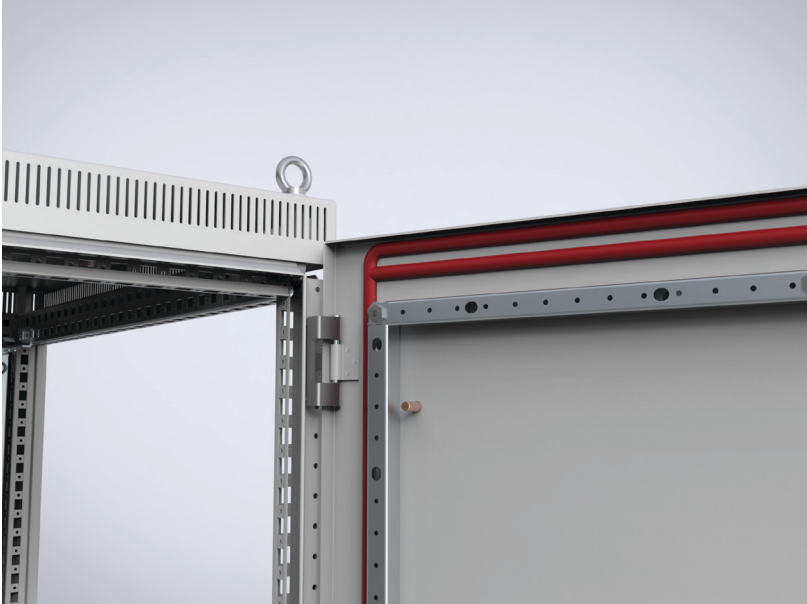
nVent HOFFMAN has tested all enclosure's panels in a third party lab.



02

ONE MAN INSTALLATION

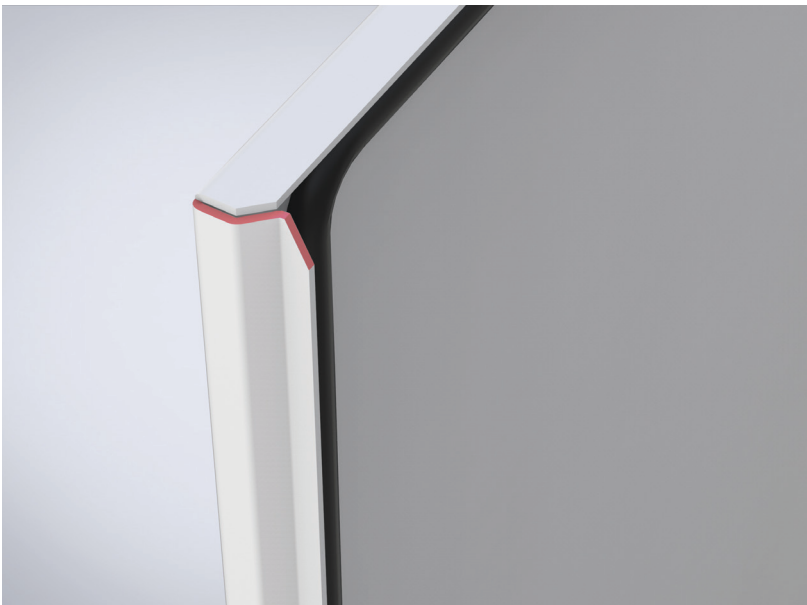
Use the side panel as an example. One man installation is what drives our product development. Another example is the mounting plate retainer on the mounting plate bracket.



03

HIGH LEVEL OF PROTECTION

nVent HOFFMAN provides a reliable design for its enclosures, locating its locking system and fixation points outside the gasket protected area.



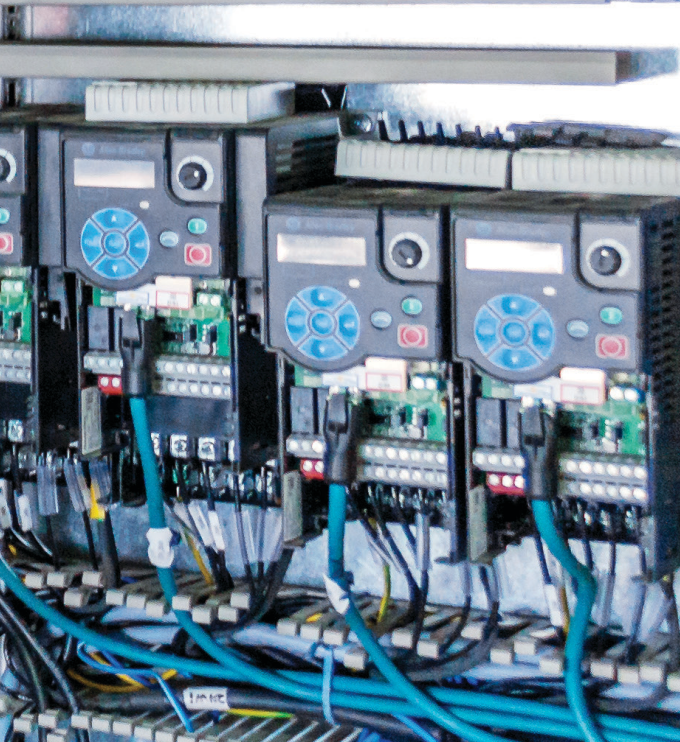
04

HIGH RIGIDITY

A strong profile design, an innovative 'S' bend, and a significant increase in material thickness are the characteristics that define the most recent side panels from nVent HOFFMAN. And to make installation fast and easy, nVent HOFFMAN's customers also benefit from a smart hanging design feature, that allows the side panels to be hung from the enclosure using a unique bend across the top edge of the side panel.

CAUTION - Moving parts. Do not operate unit with grille cover removed.
CAUTION - Risk of electric shock. Disconnect power before connection (if present).
CAUTION - Use copper conductors only for terminal connection (if present).
ATTENTION - Use CLASS 2 power supply for electronic thermostat alarm connection (if present).
Motor Compressor Thermally Protected (if present).
AVERTISSEMENT - Les pièces sont mobiles. Ne pas utiliser l'unité sans la grille.
AVERTISSEMENT - Risque de choc électrique. Avant de l'utiliser, on recommande de débrancher l'alimentation.
AVERTISSEMENT - Les conducteurs en cuivre doivent être utilisés, le cas échéant, pour les connexions terminales (si disponibles).
AVERTISSEMENT - Utiliser la CLASS 2 d'alimentation pour faire les connexions électroniques d'alarme du thermostat.
Compresseur à moteur avec protection thermique.





01

Floor Standing Enclosures

Mild Steel

Single door enclosures, combinable, NCS.....	10
Double door enclosures, combinable, NCD	18



Floor Standing | Mild Steel Range

The enclosures in the floor standing mild steel range, with single or double door versions, are epoxy-polyester coated in light grey, RAL 7035. Corrosion resistance is guaranteed thanks to internally conducted salt spray tests, which follow the standard ASTM B117:11.

These enclosures are typically used for indoor applications, such as machine control panels, automation and control of manufacturing lines, or for power and distribution panels.

The welded frame in each enclosure makes it strong and rigid and well suited for heavy duty applications. A wide range of accessories are available to allow for many different configurations. The same accessories may be used on all enclosure versions, since all enclosures are designed around the same platform. This makes engineering easier and allows for stock reduction with panel builders and distributors. The assembly of the enclosures and accessories is easy, which contributes to reduced assembly time and increased competitiveness.

This enclosure range has been designed to comply with the relevant standard for empty enclosures, IEC 62208. Maximum protection for the user and the equipment is achieved thanks to high protection degrees, IP 55 according to IEC 60529.

The main features of each enclosure version in nVent HOFFMAN's mild steel floor standing range is listed in the table below.

	Combinable standard enclosures				
	NCS NCD				
					
	R5	R501	R502	R503	R504
FRONT	door	door	door	door	door
SIDES	removable	removable	removable	removable	removable
REAR	removable	removable	door	door	door
ROOF	removable	removable	removable	removable	removable
BOTTOM	3/4 pieces	3/4 pieces	3/4 pieces	3/4 pieces	3/4 pieces
MOUNTING PLATE	yes	no	yes	no	yes (back-to-back)

Floor Standing Enclosures

Steel Range | Mild Steel

Combinable, Single Door | NCS

IP 55





Material:

Frame: 1.5 mm painted steel. Door: 1.5 mm painted steel. Rear, roof and side panels: 1.2 mm painted steel. Mounting plate: 2.5 mm galvanized steel. Bottom plates: 1 mm galvanized steel.

Frame:

Seam welded reversed open profiles with 25 mm hole pattern, according to DIN 43660. Including integrated external hole pattern.

Door:

Mounted with four hinges allowing left or right hand opening. Including door frame with 25 mm hole pattern.

Rear panel:

Fitted by M6 torx screws. Standard facilities for rear door mounting.

Side panels:

Supplied as an accessory.

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.

Bottom plates:

Consists of three or four (D>600) pieces.

Mounting plate:

Double folded and slides into position. Adjustable in depth by steps of 25 mm, with the MPD02 accessory. Supplied, attached on the outside of the enclosure packaging.

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 (tested by CPRI).

Mounting requirement:

Standard delivery ready for combined installation. For stand-alone installation add side panels.

Delivery, R5 version:

Frame with fitted door, rear panel, roof panel, bottom plates, mounting plate and door frames. Delivered on a pallet which is identical to the width of the enclosure to allow suiting without removal. Packing material is recyclable.

Delivery, R501 version:

Frame with fitted door, rear panel, roof panel, bottom plates and door frames. Delivered on a pallet which is identical to the width of the enclosure to allow suiting without removal. Packing material is recyclable.

Delivery, R502 version:

Frame with fitted door, rear door, roof panel, bottom plates, mounting plate and door frames. Delivered on a pallet which is identical to the width of the enclosure to allow suiting without removal. Packing material is recyclable.

Delivery, R503 version:

Frame with fitted door, rear door, roof panel, bottom plates and door frames. Delivered on a pallet which is identical to the width of the enclosure to allow suiting without removal. Packing material is recyclable.

Delivery, R504 version:

Frame with fitted door, rear door, roof panel, bottom plates, two mounting plates and door frames. Delivered on a pallet which is identical to the width of the enclosure to allow suiting without removal. Packing material is recyclable.

Dimensional table | NCS

IP 55

With mounting plate

Enclosure dimensions			Mounting plate dimensions		Usable depth	Item no.
H	W	D	h	w	d	
1800	600	400	1694	494	359	NCS18064R5
1800	600	500	1694	494	459	NCS18065R5
1800	800	400	1694	694	359	NCS18084R5
1800	800	500	1694	694	459	NCS18085R5
1800	800	600	1694	694	559	NCS18086R5
1800	800	800	1694	694	759	NCS18088R5
2000	600	400	1894	494	359	NCS20064R5
2000	600	600	1894	494	559	NCS20066R5
2000	600	800	1894	494	759	NCS20068R5
2000	800	400	1894	694	359	NCS20084R5
2000	800	500	1894	694	459	NCS20085R5
2000	800	600	1894	694	559	NCS20086R5
2000	800	800	1894	694	759	NCS20088R5
2200	800	600	2094	694	559	NCS22086R5
2200	800	800	2094	694	759	NCS22088R5

Without mounting plate

Enclosure dimensions			Mounting plate dimensions		Usable depth	Item no.
H	W	D	h	w	d	
1800	600	400	1694	494	359	NCS18064R501
1800	600	500	1694	494	459	NCS18065R501
1800	800	400	1694	694	359	NCS18084R501
1800	800	500	1694	694	459	NCS18085R501
1800	800	600	1694	694	559	NCS18086R501
1800	800	800	1694	694	759	NCS18088R501
2000	600	400	1894	494	359	NCS20064R501
2000	600	600	1894	494	559	NCS20066R501
2000	600	800	1894	494	759	NCS20068R501
2000	800	400	1894	694	359	NCS20084R501
2000	800	500	1894	694	459	NCS20085R501
2000	800	600	1894	694	559	NCS20086R501
2000	800	800	1894	694	759	NCS20088R501
2200	800	600	2094	694	559	NCS22086R501
2200	800	800	2094	694	759	NCS22088R501

With mounting plate and rear door

Enclosure dimensions			Mounting plate dimensions		Usable depth	Item no.
H	W	D	h	w	d	
1800	600	400	1694	494	359	NCS18064R502
1800	600	500	1694	494	459	NCS18065R502
1800	800	400	1694	694	359	NCS18084R502
1800	800	500	1694	694	459	NCS18085R502
1800	800	600	1694	694	559	NCS18086R502
1800	800	800	1694	694	759	NCS18088R502
2000	600	400	1894	494	359	NCS20064R502
2000	600	600	1894	494	559	NCS20066R502
2000	600	800	1894	494	759	NCS20068R502
2000	800	400	1894	694	359	NCS20084R502
2000	800	500	1894	694	459	NCS20085R502
2000	800	600	1894	694	559	NCS20086R502
2000	800	800	1894	694	759	NCS20088R502
2200	800	600	2094	694	559	NCS22086R502
2200	800	800	2094	694	759	NCS22088R502

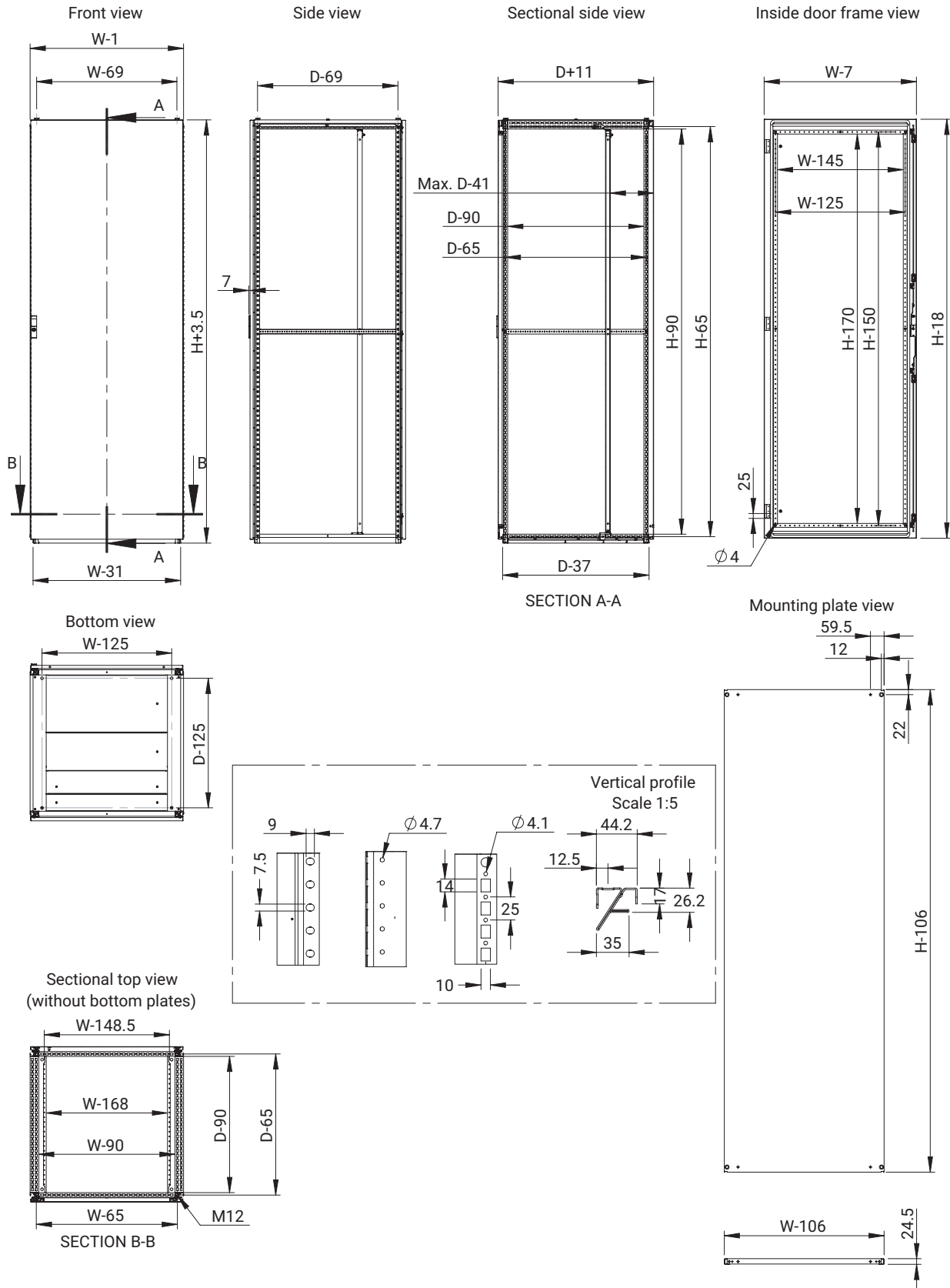
Without mounting plate and with rear door

Enclosure dimensions			Mounting plate dimensions		Usable depth	Item no.
H	W	D	h	w	d	
1800	600	400	1694	494	359	NCS18064R503
1800	600	500	1694	494	459	NCS18065R503
1800	800	400	1694	694	359	NCS18084R503
1800	800	500	1694	694	459	NCS18085R503
1800	800	600	1694	694	559	NCS18086R503
1800	800	800	1694	694	759	NCS18088R503
2000	600	400	1894	494	359	NCS20064R503
2000	600	600	1894	494	559	NCS20066R503
2000	600	800	1894	494	759	NCS20068R503
2000	800	400	1894	694	359	NCS20084R503
2000	800	500	1894	694	459	NCS20085R503
2000	800	600	1894	694	559	NCS20086R503
2000	800	800	1894	694	759	NCS20088R503
2200	800	600	2094	694	559	NCS22086R503
2200	800	800	2094	694	759	NCS22088R503

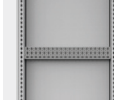
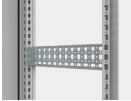
With two mounting plates and rear door

Enclosure dimensions			Mounting plate dimensions		Usable depth	Item no.
H	W	D	h	w	d	
1800	600	400	1694	494	359	NCS18064R504
1800	600	500	1694	494	459	NCS18065R504
1800	800	400	1694	694	359	NCS18084R504
1800	800	500	1694	694	459	NCS18085R504
1800	800	600	1694	694	559	NCS18086R504
1800	800	800	1694	694	759	NCS18088R504
2000	600	400	1894	494	359	NCS20064R504
2000	600	600	1894	494	559	NCS20066R504
2000	600	800	1894	494	759	NCS20068R504
2000	800	400	1894	694	359	NCS20084R504
2000	800	500	1894	694	459	NCS20085R504
2000	800	600	1894	694	559	NCS20086R504
2000	800	800	1894	694	759	NCS20088R504
2200	800	600	2094	694	559	NCS22086R504
2200	800	800	2094	694	759	NCS22088R504

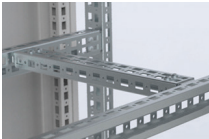
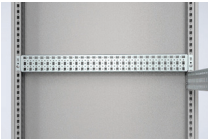
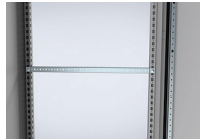
Dimensional drawing | NCS



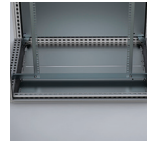
Accessories selection matrix | NCS

										
Enclosure				Mounting						
	H	W	D	Mounting plate	Wide mounting plate *	Transversal sliding profiles	Mounting profile, in H	Mounting profile, in W	Outer mounting profile, in W	Outer mounting profile, in D
NCS18064R5	1800	600	400	MPNCS1806	MPW1806	MTS600	CLPF1800	CLPF600	CLPO600	CLPO400
NCS18065R5	1800	600	500	MPNCS1806	MPW1806	MTS600	CLPF1800	CLPF600	CLPO600	CLPO500
NCS18084R5	1800	800	400	MPNCS1808	MPW1808	MTS800	CLPF1800	CLPF800	CLPO800	CLPO400
NCS18085R5	1800	800	500	MPNCS1808	MPW1808	MTS800	CLPF1800	CLPF800	CLPO800	CLPO500
NCS18086R5	1800	800	600	MPNCS1808	MPW1808	MTS800	CLPF1800	CLPF800	CLPO800	CLPO600
NCS18088R5	1800	800	800	MPNCS1808	MPW1808	MTS800	CLPF1800	CLPF800	CLPO800	CLPO800
NCS20064R5	2000	600	400	MPNCS2006	MPW2006	MTS600	CLPF2000	CLPF600	CLPO600	CLPO400
NCS20066R5	2000	600	600	MPNCS2006	MPW2006	MTS600	CLPF2000	CLPF600	CLPO600	CLPO600
NCS20068R5	2000	600	800	MPNCS2006	MPW2006	MTS600	CLPF2000	CLPF600	CLPO600	CLPO800
NCS20084R5	2000	800	400	MPNCS2008	MPW2008	MTS800	CLPF2000	CLPF800	CLPO800	CLPO400
NCS20085R5	2000	800	500	MPNCS2008	MPW2008	MTS800	CLPF2000	CLPF800	CLPO800	CLPO500
NCS20086R5	2000	800	600	MPNCS2008	MPW2008	MTS800	CLPF2000	CLPF800	CLPO800	CLPO600
NCS20088R5	2000	800	800	MPNCS2008	MPW2008	MTS800	CLPF2000	CLPF800	CLPO800	CLPO800
NCS22086R5	2200	800	600	MPNCS2208	MPW2208	MTS800	CLPF2200	CLPF800	CLPO800	CLPO600
NCS22088R5	2200	800	800	MPNCS2208	MPW2208	MTS800	CLPF2200	CLPF800	CLPO800	CLPO800

* MTS is required.

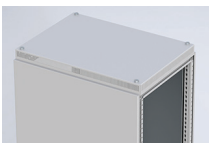
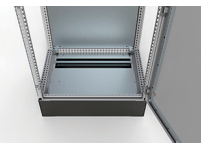
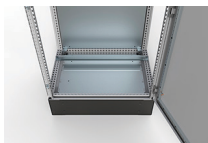
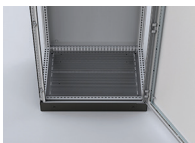
							
Enclosure				Mounting			
	H	W	D	Mounting profile, in D	Click in profile, in W	Click in profile, in D	Side mounting bar
NCS18064R5	1800	600	400	CLPF400	CLPK600	CLPK400	CMB402
NCS18065R5	1800	600	500	CLPF500	CLPK600	CLPK500	CMB502
NCS18084R5	1800	800	400	CLPF400	CLPK800	CLPK400	CMB402
NCS18085R5	1800	800	500	CLPF500	CLPK800	CLPK500	CMB502
NCS18086R5	1800	800	600	CLPF600	CLPK800	CLPK600	CMB602
NCS18088R5	1800	800	800	CLPF800	CLPK800	CLPK800	CMB802
NCS20064R5	2000	600	400	CLPF400	CLPK600	CLPK400	CMB402
NCS20066R5	2000	600	600	CLPF600	CLPK600	CLPK600	CMB602
NCS20068R5	2000	600	800	CLPF800	CLPK600	CLPK800	CMB802
NCS20084R5	2000	800	400	CLPF400	CLPK800	CLPK400	CMB402
NCS20085R5	2000	800	500	CLPF500	CLPK800	CLPK500	CMB502
NCS20086R5	2000	800	600	CLPF600	CLPK800	CLPK600	CMB602
NCS20088R5	2000	800	800	CLPF800	CLPK800	CLPK800	CMB802
NCS22086R5	2200	800	600	CLPF600	CLPK800	CLPK600	CMB602
NCS22088R5	2200	800	800	CLPF800	CLPK800	CLPK800	CMB802

Accessories selection matrix | NCS

									
Enclosure	Mounting								
	H	W	D	Full height swing frame *	Swing frame middle mounted *	Swing frame side mounted *	Swing frame transversal support bars	Mounting profiles (19") **	Bottom profiles for fixing 19" mounting profiles
NCS18064R5	1800	600	400	ESFC366	-	-	ESFB06	CIP38	CIB600
NCS18065R5	1800	600	500	ESFC366	-	-	ESFB06	CIP38	CIB600
NCS18084R5	1800	800	400	ESFC366	ESFM368	ESFS368	ESFB08	CIP38	CIB800
NCS18085R5	1800	800	500	ESFC366	ESFM368	ESFS368	ESFB08	CIP38	CIB800
NCS18086R5	1800	800	600	ESFC366	ESFM368	ESFS368	ESFB08	CIP38	CIB800
NCS18088R5	1800	800	800	ESFC366	ESFM368	ESFS368	ESFB08	CIP38	CIB800
NCS20064R5	2000	600	400	ESFC406	-	-	ESFB06	CIP42	CIB600
NCS20066R5	2000	600	600	ESFC406	-	-	ESFB06	CIP42	CIB600
NCS20068R5	2000	600	800	ESFC406	-	-	ESFB06	CIP42	CIB600
NCS20084R5	2000	800	400	ESFC406	ESFM408	ESFS408	ESFB08	CIP42	CIB800
NCS20085R5	2000	800	500	ESFC406	ESFM408	ESFS408	ESFB08	CIP42	CIB800
NCS20086R5	2000	800	600	ESFC406	ESFM408	ESFS408	ESFB08	CIP42	CIB800
NCS20088R5	2000	800	800	ESFC406	ESFM408	ESFS408	ESFB08	CIP42	CIB800
NCS22086R5	2200	800	600	ESFC456	ESFM458	ESFS458	ESFB08	CIP47	CIB800
NCS22088R5	2200	800	800	ESFC456	ESFM458	ESFS458	ESFB08	CIP47	CIB800

* ESFB is required.
** CIB, CID or CIWR are required.

								
Enclosure	Fixing							
	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)
NCS18064R5	1800	600	400	PF1060	PS1040	PF2060	PS2040	PV1060
NCS18065R5	1800	600	500	PF1060	PS1050	PF2060	PS2050	PV1060
NCS18084R5	1800	800	400	PF1080	PS1040	PF2080	PS2040	PV1080
NCS18085R5	1800	800	500	PF1080	PS1050	PF2080	PS2050	PV1080
NCS18086R5	1800	800	600	PF1080	PS1060	PF2080	PS2060	PV1080
NCS18088R5	1800	800	800	PF1080	PS1080	PF2080	PS2080	PV1080
NCS20064R5	2000	600	400	PF1060	PS1040	PF2060	PS2040	PV1060
NCS20066R5	2000	600	600	PF1060	PS1060	PF2060	PS2060	PV1060
NCS20068R5	2000	600	800	PF1060	PS1080	PF2060	PS2080	PV1060
NCS20084R5	2000	800	400	PF1080	PS1040	PF2080	PS2040	PV1080
NCS20085R5	2000	800	500	PF1080	PS1050	PF2080	PS2050	PV1080
NCS20086R5	2000	800	600	PF1080	PS1060	PF2080	PS2060	PV1080
NCS20088R5	2000	800	800	PF1080	PS1080	PF2080	PS2080	PV1080
NCS22086R5	2200	800	600	PF1080	PS1060	PF2080	PS2060	PV1080
NCS22088R5	2200	800	800	PF1080	PS1080	PF2080	PS2080	PV1080

							
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
NCS18064R5	1800	600	400	CVR0604R5	CABP600	CAB600	CVB0604
NCS18065R5	1800	600	500	CVR0605R5	CABP600	CAB600	CVB0605
NCS18084R5	1800	800	400	CVR0804R5	CABP800	CAB800	CVB0804
NCS18085R5	1800	800	500	CVR0805R5	CABP800	CAB800	CVB0805
NCS18086R5	1800	800	600	CVR0806R5	CABP800	CAB800	CVB0806
NCS18088R5	1800	800	800	CVR0808R5	CABP800	CAB800	CVB0808
NCS20064R5	2000	600	400	CVR0604R5	CABP600	CAB600	CVB0604
NCS20066R5	2000	600	600	CVR0606R5	CABP600	CAB600	CVB0606
NCS20068R5	2000	600	800	CVR0608R5	CABP600	CAB600	CVB0608
NCS20084R5	2000	800	400	CVR0804R5	CABP800	CAB800	CVB0804
NCS20085R5	2000	800	500	CVR0805R5	CABP800	CAB800	CVB0805
NCS20086R5	2000	800	600	CVR0806R5	CABP800	CAB800	CVB0806
NCS20088R5	2000	800	800	CVR0808R5	CABP800	CAB800	CVB0808
NCS22086R5	2200	800	600	CVR0806R5	CABP800	CAB800	CVB0806
NCS22088R5	2200	800	800	CVR0808R5	CABP800	CAB800	CVB0808

							
Enclosure				Doors		Baying	
	H	W	D	Plain door *	Inner door	Side panels	Segregation plate **
NCS18064R5	1800	600	400	DNNCS1806R5	DI1806R5	SPMNCS1804R5	SPD1804
NCS18065R5	1800	600	500	DNNCS1806R5	DI1806R5	SPMNCS1805R5	SPD1805
NCS18084R5	1800	800	400	DNNCS1808R5	DI1808R5	SPMNCS1804R5	SPD1804
NCS18085R5	1800	800	500	DNNCS1808R5	DI1808R5	SPMNCS1805R5	SPD1805
NCS18086R5	1800	800	600	DNNCS1808R5	DI1808R5	SPMNCS1806R5	SPD1806
NCS18088R5	1800	800	800	DNNCS1808R5	DI1808R5	SPMNCS1808R5	SPD1808
NCS20064R5	2000	600	400	DNNCS2006R5	DI2006R5	SPMNCS2004R5	SPD2004
NCS20066R5	2000	600	600	DNNCS2006R5	DI2006R5	SPMNCS2006R5	SPD2006
NCS20068R5	2000	600	800	DNNCS2006R5	DI2006R5	SPMNCS2008R5	SPD2008
NCS20084R5	2000	800	400	DNNCS2008R5	DI2008R5	SPMNCS2004R5	SPD2004
NCS20085R5	2000	800	500	DNNCS2008R5	DI2008R5	SPMNCS2005R5	SPD2005
NCS20086R5	2000	800	600	DNNCS2008R5	DI2008R5	SPMNCS2006R5	SPD2006
NCS20088R5	2000	800	800	DNNCS2008R5	DI2008R5	SPMNCS2008R5	SPD2008
NCS22086R5	2200	800	600	DNNCS2208R5	DI2208R5	SPMNCS2206R5	SPD2206
NCS22088R5	2200	800	800	DNNCS2208R5	DI2208R5	SPMNCS2208R5	SPD2208

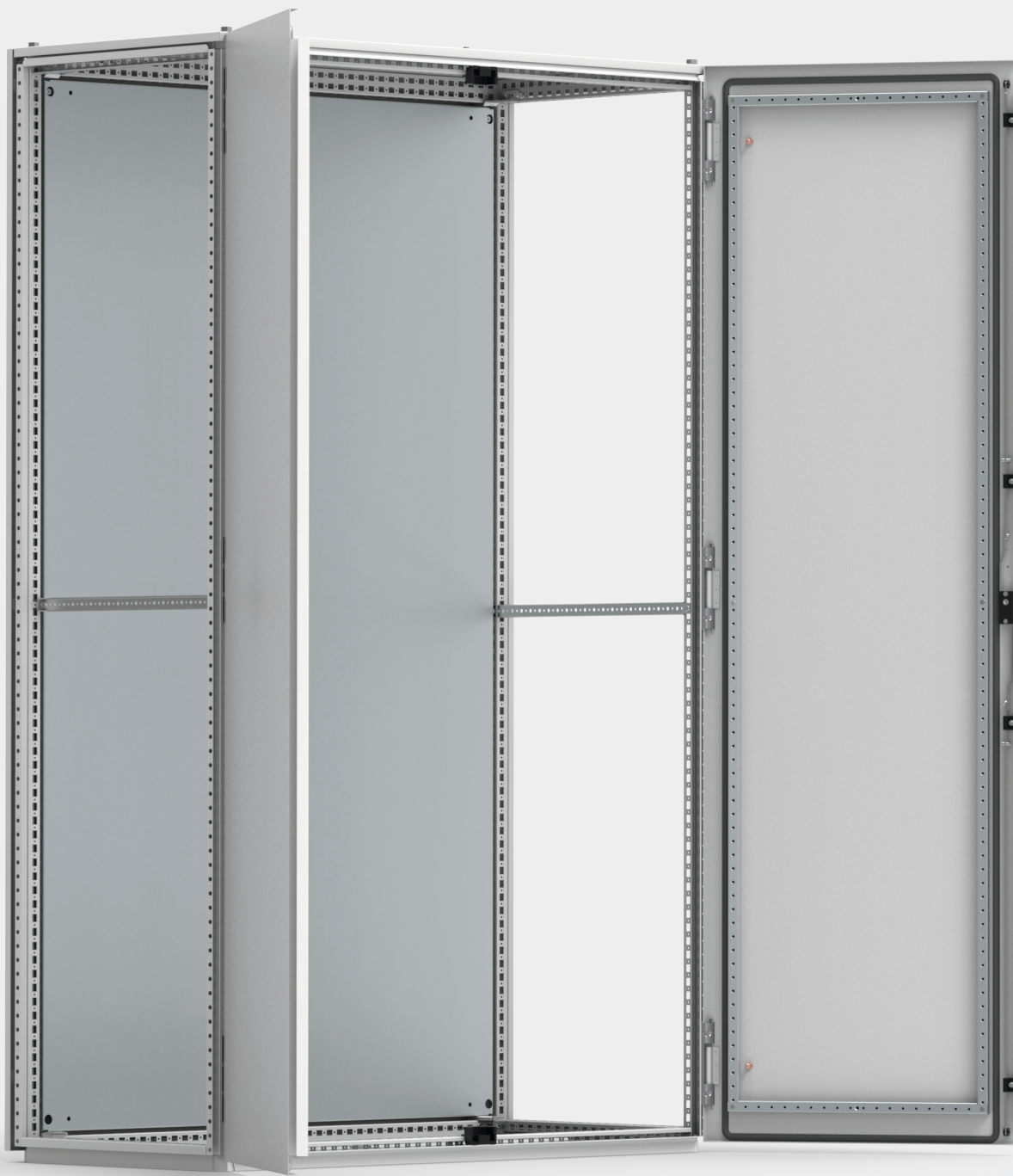
* DNМК-NC is required for additional door.
** CCJ is required.

Floor Standing Enclosures

Steel Range | Mild Steel

Combinable, double door | NCD

IP 55





Material:

Frame: 1.5 mm painted steel. Door: 1.5 mm painted steel. Rear, roof and side panels: 1.2 mm painted steel. Mounting plate: 2.5 mm galvanized steel. Bottom plates: 1 mm galvanized steel.

Frame:

Seam welded reversed open profiles with 25 mm hole pattern, according to DIN 43660. Including integrated external hole pattern.

Doors:

Mounted with three hinges. Including door frame with 25 mm hole pattern. 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.

Side panels:

Supplied as an accessory.

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.

Bottom plates:

Consists of three or four (D>600) pieces.

Mounting plate:

Double folded and slides into position. Adjustable in depth by steps of 25 mm, with the MPD02 accessory. Supplied, attached on the outside of the enclosure packaging.

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 (tested by CPRI).

Mounting requirement:

Standard delivery ready for combined installation. For stand-alone installation add side panels.

Delivery, R5 version:

Frame with fitted door, rear panel, roof panel, bottom plates, mounting plate and door frames. Delivered on a pallet which is identical to the width of the enclosure to allow suiting without removal. Packing material is recyclable.

Delivery, R5-01 version:

Frame with fitted door, rear panel, roof panel, bottom plates and door frames. Delivered on a pallet which is identical to the width of the enclosure to allow suiting without removal. Packing material is recyclable.

Delivery, R5-02 version:

Frame with fitted door, rear door, roof panel, bottom plates, mounting plate and door frames. Delivered on a pallet which is identical to the width of the enclosure to allow suiting without removal. Packing material is recyclable.

Delivery, R5-03 version:

Frame with fitted door, rear door, roof panel, bottom plates and door frames. Delivered on a pallet which is identical to the width of the enclosure to allow suiting without removal. Packing material is recyclable.

Delivery, R5-04 version:

Frame with fitted door, rear door, roof panel, bottom plates, two mounting plates and door frames. Delivered on a pallet which is identical to the width of the enclosure to allow suiting without removal. Packing material is recyclable.

Dimensional table | NCD

IP 55

With mounting plate

Enclosure dimensions			Mounting plate dimensions		Usable depth	Item no.
H	W	D	h	w	d	
1800	1000	400	1694	894	359	NCD18104R5
1800	1200	400	1694	1094	359	NCD18124R5
1800	1200	600	1694	1094	559	NCD18126R5
2000	1000	400	1894	894	359	NCD20104R5
2000	1000	600	1894	894	559	NCD20106R5
2000	1200	400	1894	1094	359	NCD20124R5
2000	1200	500	1894	1094	459	NCD20125R5
2000	1200	600	1894	1094	559	NCD20126R5
2000	1200	800	1894	1094	759	NCD20128R5
2200	1200	600	2094	1094	559	NCD22126R5

Without mounting plate

Enclosure dimensions			Mounting plate dimensions		Usable depth	Item no.
H	W	D	h	w	d	
1800	1000	400	-	-	-	NCD18104R501
1800	1200	400	-	-	-	NCD18124R501
1800	1200	600	-	-	-	NCD18126R501
2000	1000	400	-	-	-	NCD20104R501
2000	1000	600	-	-	-	NCD20106R501
2000	1200	400	-	-	-	NCD20124R501
2000	1200	500	-	-	-	NCD20125R501
2000	1200	600	-	-	-	NCD20126R501
2000	1200	800	-	-	-	NCD20128R501
2200	1200	600	-	-	-	NCD22126R501

With mounting plate and rear door

Enclosure dimensions			Mounting plate dimensions		Usable depth	Item no.
H	W	D	h	w	d	
1800	1000	400	1694	894	359	NCD18104R502
1800	1200	400	1694	1094	359	NCD18124R502
1800	1200	600	1694	1094	559	NCD18126R502
2000	1000	400	1894	894	359	NCD20104R502
2000	1000	600	1894	894	559	NCD20106R502
2000	1200	400	1894	1094	359	NCD20124R502
2000	1200	500	1894	1094	459	NCD20125R502
2000	1200	600	1894	1094	559	NCD20126R502
2000	1200	800	1894	1094	759	NCD20128R502
2200	1200	600	2094	1094	559	NCD22126R502

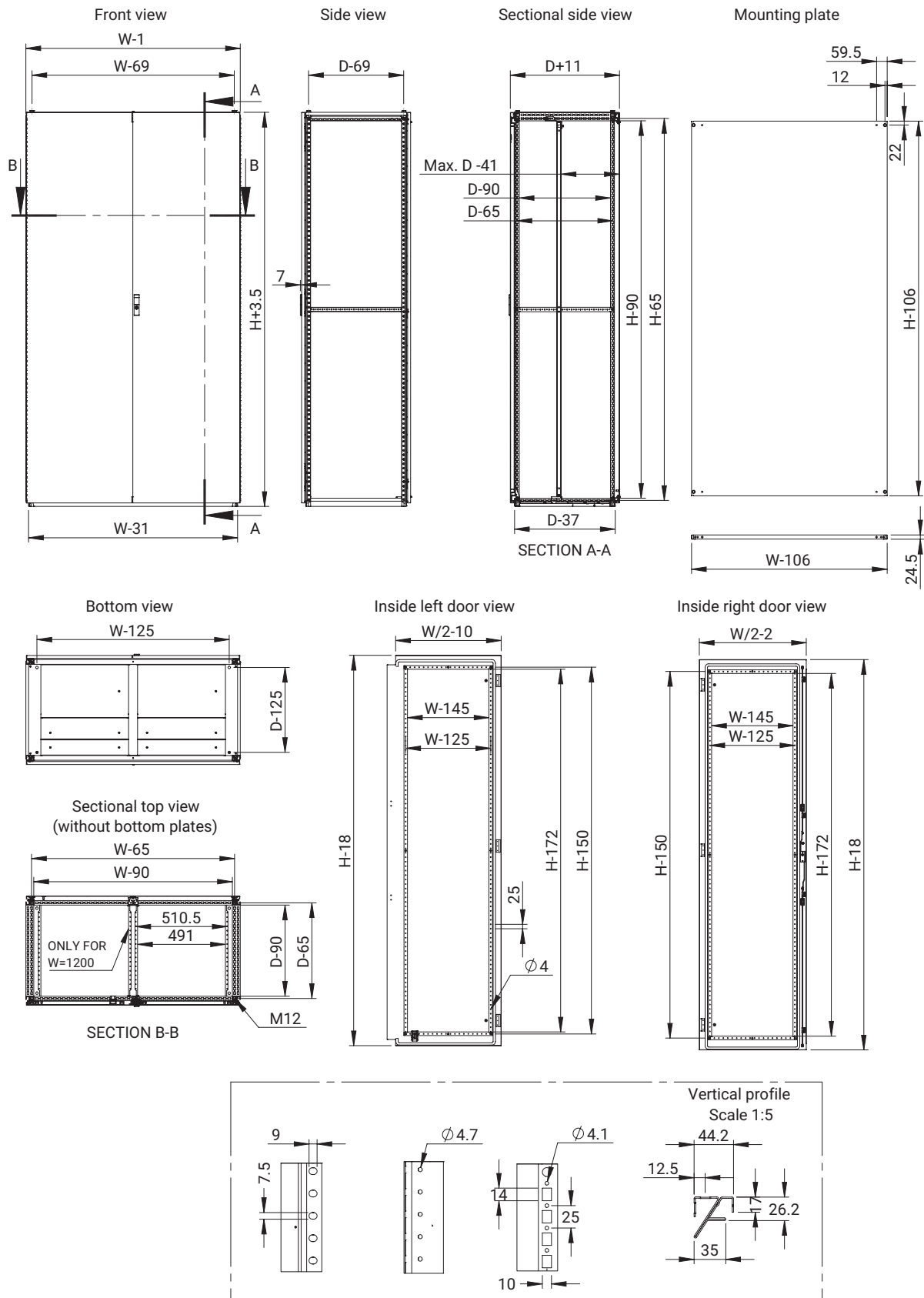
Without mounting plate and with rear door

Enclosure dimensions			Mounting plate dimensions		Usable depth	Item no.
H	W	D	h	w	d	
1800	1000	400	-	-	-	NCD18104R503
1800	1200	400	-	-	-	NCD18124R503
1800	1200	600	-	-	-	NCD18126R503
2000	1000	400	-	-	-	NCD20104R503
2000	1000	600	-	-	-	NCD20106R503
2000	1200	400	-	-	-	NCD20124R503
2000	1200	500	-	-	-	NCD20125R503
2000	1200	600	-	-	-	NCD20126R503
2000	1200	800	-	-	-	NCD20128R503
2200	1200	600	-	-	-	NCD22126R503

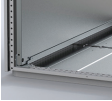
With two mounting plates and rear door

Enclosure dimensions			Mounting plate dimensions		Usable depth	Item no.
H	W	D	h	w	d	
1800	1000	400	1694	894	359	NCD18104R504
1800	1200	400	1694	1094	359	NCD18124R504
1800	1200	600	1694	1094	559	NCD18126R504
2000	1000	400	1894	894	359	NCD20104R504
2000	1000	600	1894	894	559	NCD20106R504
2000	1200	400	1894	1094	359	NCD20124R504
2000	1200	500	1894	1094	459	NCD20125R504
2000	1200	600	1894	1094	559	NCD20126R504
2000	1200	800	1894	1094	759	NCD20128R504
2200	1200	600	2094	1094	559	NCD22126R504

Dimensional drawing | NCD



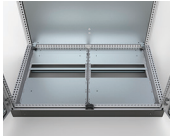
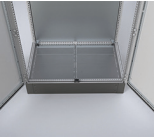
Accessories selection matrix | NCD

										
Enclosure				Mounting						
	H	W	D	Mounting plate	Wide mounting plate *	Transversal sliding profiles	Mounting profile, in H	Mounting profile, in W	Outer mounting profile, in W	Outer mounting profile, in D
NCD18104R5	1800	1000	400	MPNCS1810	MPW1810	MTS1000	CLPF1800	CLPF1000	CLPO1000	CLPO400
NCD18124R5	1800	1200	400	MPNCS1812	MPW1812	MTS1200	CLPF1800	CLPF1200	CLPO1200	CLPO400
NCD18126R5	1800	1200	600	MPNCS1812	MPW1812	MTS1200	CLPF1800	CLPF1200	CLPO1200	CLPO600
NCD20104R5	2000	1000	400	MPNCS2010	MPW2010	MTS1000	CLPF2000	CLPF1000	CLPO1000	CLPO400
NCD20106R5	2000	1000	600	MPNCS2010	MPW2010	MTS1000	CLPF2000	CLPF1000	CLPO1000	CLPO600
NCD20124R5	2000	1200	400	MPNCS2012	MPW2012	MTS1200	CLPF2000	CLPF1200	CLPO1200	CLPO400
NCD20125R5	2000	1200	500	MPNCS2012	MPW2012	MTS1200	CLPF2000	CLPF1200	CLPO1200	CLPO500
NCD20126R5	2000	1200	600	MPNCS2012	MPW2012	MTS1200	CLPF2000	CLPF1200	CLPO1200	CLPO600
NCD20128R5	2000	1200	800	MPNCS2012	MPW2012	MTS1200	CLPF2000	CLPF1200	CLPO1200	CLPO800
NCD22126R5	2200	1200	600	MPNCS2212	MPW2212	MTS1200	CLPF2200	CLPF1200	CLPO1200	CLPO600
* MTS is required.										

							
Enclosure				Mounting			
	H	W	D	Mounting profile, in D	Click in profile, in W	Click in profile, in D	Side mounting bar
NCD18104R5	1800	1000	400	CLPF400	CLPK1000	CLPK400	CMB402
NCD18124R5	1800	1200	400	CLPF400	CLPK1200	CLPK400	CMB402
NCD18126R5	1800	1200	600	CLPF600	CLPK1200	CLPK600	CMB602
NCD20104R5	2000	1000	400	CLPF400	CLPK1000	CLPK400	CMB402
NCD20106R5	2000	1000	600	CLPF600	CLPK1000	CLPK600	CMB602
NCD20124R5	2000	1200	400	CLPF400	CLPK1200	CLPK400	CMB402
NCD20125R5	2000	1200	500	CLPF500	CLPK1200	CLPK500	CMB502
NCD20126R5	2000	1200	600	CLPF600	CLPK1200	CLPK600	CMB602
NCD20128R5	2000	1200	800	CLPF800	CLPK1200	CLPK800	CMB802
NCD22126R5	2200	1200	600	CLPF600	CLPK1200	CLPK600	CMB602

Accessories selection matrix | NCD

								
Enclosure	Fixing							
	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)
NCD18104R5	1800	1000	400	PF1010	PS1040	PF2060	PS2040	PV1060
NCD18124R5	1800	1200	400	PF1012	PS1040	PF2060	PS2050	PV1060
NCD18126R5	1800	1200	600	PF1012	PS1060	PF2080	PS2040	PV1080
NCD20104R5	2000	1000	400	PF1010	PS1040	PF2080	PS2050	PV1080
NCD20106R5	2000	1000	600	PF1010	PS1060	PF2080	PS2060	PV1080
NCD20124R5	2000	1200	400	PF1012	PS1040	PF2080	PS2080	PV1080
NCD20125R5	2000	1200	500	PF1012	PS1050	PF2060	PS2040	PV1060
NCD20126R5	2000	1200	600	PF1012	PS1060	PF2060	PS2060	PV1060
NCD20128R5	2000	1200	800	PF1012	PS1080	PF2080	PS2050	PV1080
NCD22126R5	2200	1200	600	PF1012	PS1060	PF2080	PS2060	PV1080

							
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
NCD18104R5	1800	1000	400	CVR1004R5	CABP1000	CAB1000	CVB1004
NCD18124R5	1800	1200	400	CVR1204R5	CABP1200	CAB1200	CVB1204
NCD18126R5	1800	1200	600	CVR1206R5	CABP1200	CAB1200	CVB1206
NCD20104R5	2000	1000	400	CVR1004R5	CABP1000	CAB1000	CVB1004
NCD20106R5	2000	1000	600	CVR1006R5	CABP1000	CAB1000	CVB1006
NCD20124R5	2000	1200	400	CVR1204R5	CABP1200	CAB1200	CVB1204
NCD20125R5	2000	1200	500	CVR1205R5	CABP1200	CAB1200	CVB1205
NCD20126R5	2000	1200	600	CVR1206R5	CABP1200	CAB1200	CVB1206
NCD20128R5	2000	1200	800	CVR1208R5	CABP1200	CAB1200	CVB1208
NCD22126R5	2200	1200	600	CVR1206R5	CABP1200	CAB1200	CVB1206

							
Enclosure				Doors		Baying	
	H	W	D	Plain door, left *	Plain door, right *	Side panels	Segregation panels**
NCD18104R5	1800	1000	400	DNNCS1805LR5	DNNCS1805RR5	SPMNCS1804R5	SPD1804
NCD18124R5	1800	1200	400	DNNCS1806LR5	DNNCS1806RR5	SPMNCS1804R5	SPD1804
NCD18126R5	1800	1200	600	DNNCS1806LR5	DNNCS1806RR5	SPMNCS1806R5	SPD1806
NCD20104R5	2000	1000	400	DNNCS2005LR5	DNNCS2005RR5	SPMNCS2004R5	SPD2004
NCD20106R5	2000	1000	600	DNNCS2005LR5	DNNCS2005RR5	SPMNCS2006R5	SPD2006
NCD20124R5	2000	1200	400	DNNCS2006LR5	DNNCS2006RR5	SPMNCS2004R5	SPD2004
NCD20125R5	2000	1200	500	DNNCS2006LR5	DNNCS2006RR5	SPMNCS2005R5	SPD2005
NCD20126R5	2000	1200	600	DNNCS2006LR5	DNNCS2006RR5	SPMNCS2006R5	SPD2006
NCD20128R5	2000	1200	800	DNNCS2006LR5	DNNCS2006RR5	SPMNCS2008R5	SPD2008
NCD22126R5	2200	1200	600	DNNCS2206LR5	DNNCS2206RR5	SPMNCS2206R5	SPD2206
* DNМК-NC is required for additional door.							
** CCJ is required.							





02

Dedicated accessories

Mounting plates	28
Doors & Locks	30
Baying & Lifting	31

Note: for checking the complete range of accessories compatible with NCS and NCD, please scan the QR CODE.



Floor Standing Enclosures

Steel Range

Accessories | Mounting plates

Mounting plates, MP-NC

- Description:

Standard mounting plate. It can also be mounted on the side of an enclosure by using MPS kit or slid in from the side with the MTS profile. For heavy loads in vibrating environments use mounting plate reinforcement profile MPR and MPE or MPEF brackets.
- Material:

2.5 mm galvanized steel.
- Pack quantity:

1 piece.
- Maximum load:

6000 N.
- Mounting requirements:

Use MPA-NC for mounting the MP-NC inside the enclosure.
Adjustable in depth with MPD accessory

For enclosure		Mounting plate dimensions		Item no.
H	W	h	w	
1800	400	1694	294	MPNCS1804
1800	500	1694	394	MPNCS1805
1800	600	1694	494	MPNCS1806
1800	800	1694	694	MPNCS1808
1800	1000	1694	894	MPNCS1810
1800	1200	1694	1094	MPNCS1812
2000	400	1894	294	MPNCS2004
2000	500	1894	394	MPNCS2005
2000	600	1894	494	MPNCS2006
2000	800	1894	694	MPNCS2008
2000	1000	1894	894	MPNCS2010
2000	1200	1894	1094	MPNCS2012
2200	600	2094	494	MPNCS2206
2200	800	2094	694	MPNCS2208
2200	1000	2094	894	MPNCS2210
2200	1200	2094	1094	MPNCS2212

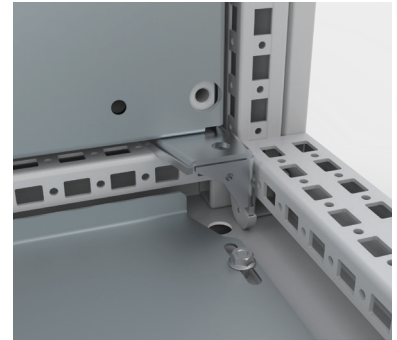
500 mm width mounting plates for side mounting available on request.
1600 mm wide mounting plates are supplied as two 800 mm wide mounting plates along with a MPF filler plate.



Mounting plate brackets, MPA-NC

Description:	To fix mounting plates in the enclosure, including brackets for depth adjustment in steps of 25 mm. Brackets are needed when an extra mounting plate is required or when the enclosure is ordered without mounting plate.
Material:	3 mm zinc plated steel.
Pack quantity:	2 top brackets, 2 bottom sliding brackets and 2 adjustment brackets with mounting accessories.

Fixation	Item no.
Flush with the frame	MPANCS04
Adjustable in depth	MPANCS06



Filler plates, MPF-NC

Description:	Covers the space between pairs of adjacent mounting plates to provide a continuous working surface, when two enclosures are mounted together.
Material:	2 mm zinc plated steel.
Pack quantity:	1 plate with mounting accessories.

For enclosure	
H	Item no.
1800	MPFNCS1800
2000	MPFNCS2000
2200	MPFNCS2200



For bayed configurations MPD02 must be used along with the fixation brackets supplied with the enclosure and mounting plate. MPA06 must be used if the enclosure comes without fixation brackets. MPF cannot be used with mounting plates if they are installed in the most rear position.

Floor Standing Enclosures

Steel Range

Accessories | Full height doors

Plain doors, DN-NC

Description:	Standard door equipped with double-bit 3 mm lock system and door frame. Door accessory kit DNМК (hinges, rod catches) to be ordered separately. Allows all the options of the locking program and 180° hinges. Compatible with combinable and compact enclosure ranges.
Material:	1.5 mm steel plate.
Maximum load:	800 N.
Finish:	RAL 7035 structured powder coating.
Mounting requirements:	Use hinge kit DNМК-NC if no door was fitted previously.
Pack quantity:	1 piece.

Plain door

H	W	Item no.
1800	600	DNNCS1806R5
1800	800	DNNCS1808R5
2000	600	DNNCS2006R5
2000	800	DNNCS2008R5
2200	800	DNNCS2208R5

Left door

H	W	Item no.
1800	500	DNNCD1805LR5
1800	600	DNNCD1806LR5
2000	500	DNNCD2005LR5
2000	600	DNNCD2006LR5
2200	600	DNNCD2206LR5

Right door

H	W	Item no.
1800	500	DNNCD1805RR5
1800	600	DNNCD1806RR5
2000	500	DNNCD2005RR5
2000	600	DNNCD2006RR5
2200	600	DNNCD2206RR5



Door mounting kits, DNМК-NC

Description:	Door mounting kit for mild steel floor standing enclosures. Required when fitting a door. Only needed when there was no door mounted previously.
Pack quantity:	1 complete kit with hinges, rod catches and mounting accessories.

Description	Item no.
for single door enclosures	DNМКNCS01
for double door enclosures	DNМКNCD02



Swing handle, SWH-NC

Description:	Swing handle with insert, the flush handle can be replaced
Material	Zamak
Pack quantity:	1 piece.

Description	Item no.
Swing handle with insert, the flush handle can be replaced	SWHNCS01



Floor Standing Enclosures

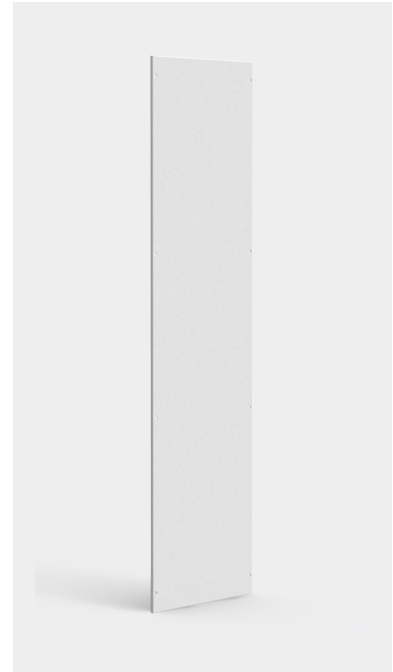
Steel Range

Accessories | Baying & lifting

Side panels, SPM-NC

Description:	Easy one man assembly. Sealed by an extruded, one piece polyurethane gasket and mounted with 8 screws. Can be replaced by the side door DS.
Material:	1.2 mm steel plate.
Finish:	RAL 7035 structured powder coating.
Protection:	IP 55
Pack quantity:	2 panels with mounting accessories.

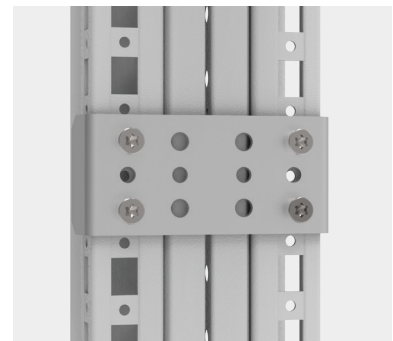
For enclosure		
H	D	Item no.
1800	400	SPMNCS1804R5
1800	500	SPMNCS1805R5
1800	600	SPMNCS1806R5
1800	800	SPMNCS1808R5
2000	400	SPMNCS2004R5
2000	500	SPMNCS2005R5
2000	600	SPMNCS2006R5
2000	800	SPMNCS2008R5
2200	600	SPMNCS2206R5
2200	800	SPMNCS2208R5



Internal baying brackets, CCI-NC

Description:	Baying brackets provide a rigid reinforcement of the enclosure assembly with T30 screws.
Material:	3 mm zinc plated steel.
Pack quantity:	6 brackets with mounting accessories.

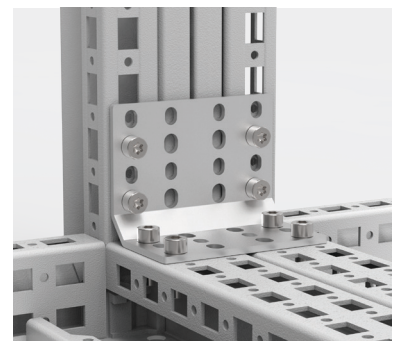
Item no.
CCINCS06



Internal corner baying kit, CCM-NC

Description:	For extra support when bayed enclosures are fully equipped and require lifting.
Material:	3 mm zinc plated steel.
Pack quantity:	4 brackets with mounting accessories.

Item no.
CCMNCS04



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