

(*) Refs. of sockets enclosure without terminal block / Ref. of modular enclosure equipped with terminal blocks

Watertight Mini-enclosures



Number of modules	1 13175	4 13176	4 13177	2 / 3 13975	4 13976	6 13977	8 13978	12 13979

Watertight enclosures

The modular dimension of Kaedra enclosures allows their combination vertically or horizontally.

mm	138	236	340	448
280			 1 x 12 13981	 1 x 12 13990 1 x 18 13982
335			 12 + 1 13180 12 + 1 13191	
460	 5 13993 13178	 8 13179	 12 + 1 13181 2 x 12 13983	 2 x 12 13991 18 + 1 13182 2 x 18 13984
	 5 13185	 8 13186	 12 + 1 13187	 18 + 1 13188
	 5 13189	 8 13190	 12 + 1 13192 13195	 18 + 1 13193 13197
610	 13994		 3 x 12 13985 13196	 3 x 12 13986 3 x 18 13992 13198
842				 4 x 18 13987 13199

Technical data

			Enclosures for sockets *
			
Main characteristics			<p>They are designed for the quick installation of PratiKa sockets thanks to the specific opening which can be closed by special plaques.</p> <p>These enclosures are available in three different versions:</p> <ul style="list-style-type: none"> ■ with 65 x 85 or 90 x 100 opening for PratiKa sockets ■ with 103 x 225 opening for Unika panel mounted sockets ■ with blank panel, for fitting universal sockets.
Degree of protection	According to IEC 60529		IP65
	According to EN 62262	Against external mechanical impacts	IK09
Resistance to fire and abnormal heat	According to IEC 60695-2-11	Glow wire test	650°C
Complete insulation	According to EN 60439-1		■
Materials	Housing made of self-extinguishing polymer Knock-out holes for association accessories M32 Screws head plugs		
Colour	RAL 7035		
Inferior and superior walls	With knock-outs for cable entry		

Code for Mini enclosures for PratiKa sockets

Dimensions			Modules	Opening	Supplied plaques	Dissipated power	Code
H	W	D	18 mm	65 x 85	Blank	(W)	
248	98	98	4	1 vert.	-	10	13175
310	98	98	4	2 horizont.	1	10	13176
392	98	98	4	3 horizont.	1	10	13177

Code for enclosures for PratiKa sockets

Dimensions			Modules	Opening	Supplied plaques		Dissipated power	Code
H	W	D	18 mm	90 x 100	Blank	Intermediate	(W)	
460	138	160	5	2	1	2	12	13178
460	236	160	8	4	1	4	15	13179
335	340	160	12+1	3	1	3	28	13180
460	340	160	12+1	6	2	6	28	13181
460	448	160	18+1	8	2	8	39	13182

Code for enclosures for Unika with interlock switch



Dimensions			Modules	Opening	Supplied plaques	Dissipated power	Code
H	W	D	18 mm	65 x 85	Blank	(W)	
460	138	160	5	1	-	12	13185
460	236	160	8	2	1	15	13186
460	340	160	12+1	3	1	28	13187
460	448	160	18+1	4	1	39	13188

Code for universal enclosures for sockets

Dimensions			Modules	Dissipated power	Code
H	W	D	18 mm	(W)	
460	138	160	5	12	13189
460	236	160	8	15	13190
335	340	160	12+1	28	13191
460	340	160	18+1	28	13192
460	448	160	18+1	39	13193

(*) Offer supply without terminal blocks (see p. 64)

Technical data

			Interface enclosures
			
Main characteristics			<p>Enclosures with interface are designed for the construction of distribution panels with modular equipment and include front opening, usually supplied closed, for the installation of control and indicator devices or PratiKa sockets. These modular openings can be equipped by functional plaques.</p> <p>The interface enclosures are designed to be combined with socket or modular device enclosures to extend their use to frontal operation, by means of specific plaques, and to permit better internal wiring circulation.</p>
Degree of protection	According to IEC 60529		IP65
	According to EN 62262	Against external mechanical impacts	IK09
Resistance to fire and abnormal heat	According to IEC 60695-2-11	Glow wire test	650°C
Complete insulation	According to EN 60439-1		■
Materials	Housing made of self-extinguishing polymer Knock-out holes for association accessories M32 Screws head plugs		
Colour	RAL 7035		
Inferior and superior walls	With knock-outs for cable entry		
Equipped with terminal block	■		

PE102279



Code for enclosures for modular devices with interface

Dimensions			Modules	Opening	Supplied plaques		Dissipated power	Code
H	W	D	18 mm	90 x 100	Blank	Intermediate	(W)	
280	448	160	12	1	1	1	28	13990
460	448	160	24	3	3	1	37	13991
610	448	160	36	4	4	1	50	13992


PE102280



Code for interface enclosures

Dimensions			Opening	Supplied plaques		Code
H	W	D	90 x 100	Blank	Intermediate	
460	138	160	3	3	1	13993
460	138	125	4	4	1	13994

Technical data

		Interface enclosures
		
Main characteristics		The enclosures for modular devices are designed for the installation of devices for distribution and control. The enclosures also include a removable chassis with on-centre variables and reversible front modular panels.
Degree of protection	According to IEC 60529	IP65
	According to EN 62262	Against external mechanical impacts
Resistance to fire and abnormal heat	According to IEC 60695-2-11	Glow wire test
Complete insulation	According to EN 60439-1	■
Materials		Housing made of self-extinguishing polymer Knock-out holes for association accessories M32 Screws head plugs
Colour		RAL 7035
Inferior and superior walls		With knock-outs for cable entry
Equipped with terminal block		■

PB102281



Code for Mini enclosures for modular devices

Dimensions		Modules		Dissipated power	Code
H	W	D	18 mm	(W)	
150	80	98	2/3	6	13975
200	123	112	4	10	13976
200	159	112	6	11	13977
200	195	112	8	15	13978
200	267	112	12	19	13979


PB102282



Code for enclosures for modular devices

Dimensions		Modules		Dissipated power	Code	
H	W	D	18 mm	(W)		
280	340	160	12	1 x 12	24	13981
280	448	160	18	1 x 18	34	13982
460	340	160	24	2 x 12	34	13983
460	448	160	36	2 x 18	47	13984
610	340	160	36	3 x 12	46	13985
610	448	160	54	3 x 18	65	13986
842	448	160	72	4 x 18	89	13987

Technical data

			Universal enclosures
Main characteristics			The universal enclosures are intended for the installation of non-modular devices fitted on universal rear panels and usually supplied with opaque door.
Degree of protection	According to IEC 60529		IP65
	According to EN 62262	Against external mechanical impacts	IK09
Resistance to fire and abnormal heat	According to IEC 60695-2-11	Glow wire test	650°C
Complete insulation	According to EN 60439-1		■
Materials	Housing made of self-extinguishing polymer Knock-out holes for association accessories M32		
Colour	RAL 7035		
Inferior and superior walls	With knock-outs for cable entry		

PB102263



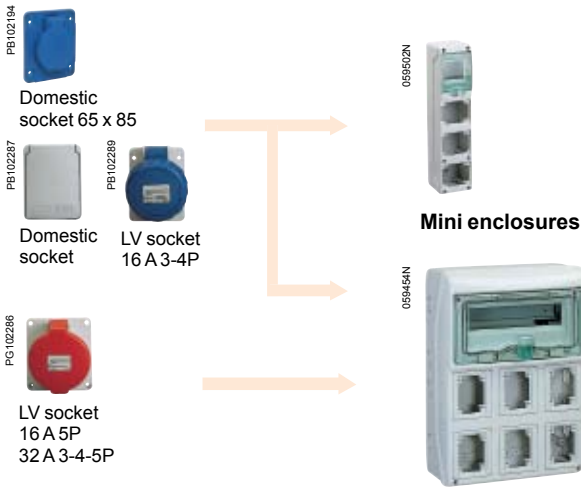
Code for universal enclosures

Dimensions			Dissipated power	Code
H	W	D	(W)	
460	340	160	34	13195
460	448	160	46	13196
610	340	160	47	13197
610	448	160	65	13198
842	448	160	89	13199

Code for auxiliary elements

Description	Code
Plain modular panel	
To replace a modular panel	
For 12 modules width	13944
For 18 modules width	13945

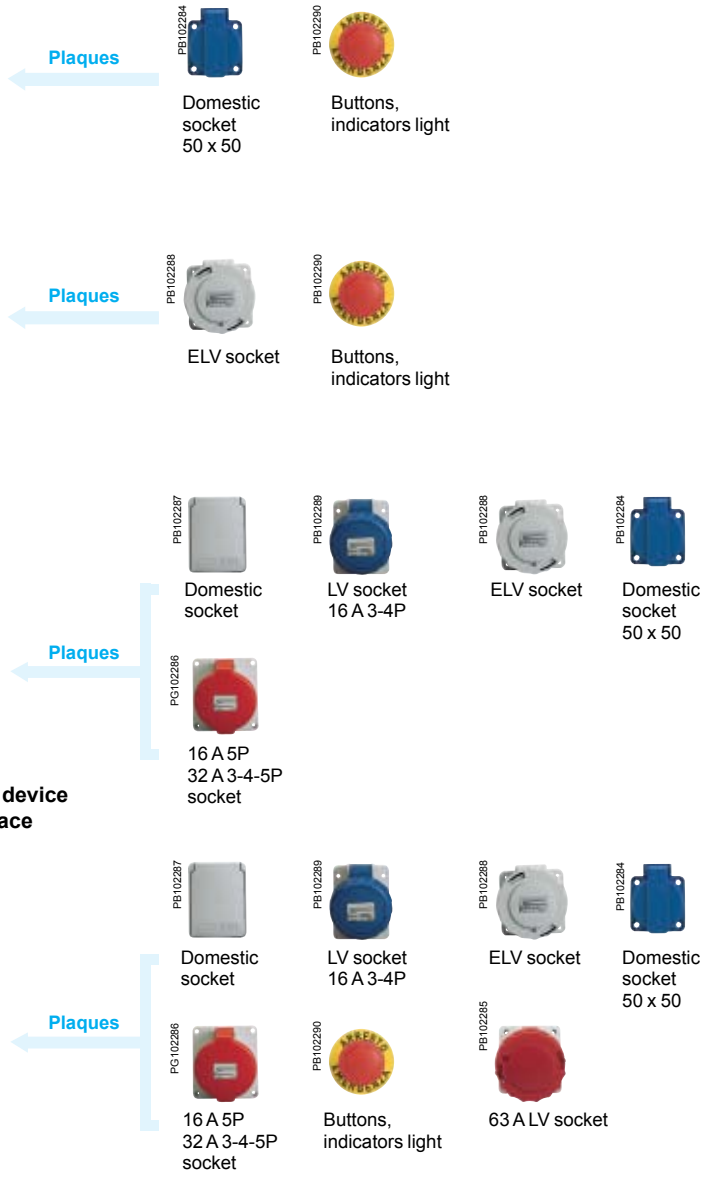
Direct mounting



Mini enclosures

Indirect mounting

These products can be mounted on Kaedra trough the use of **plaques**



Enclosures for sockets

Enclosures for modular device with interface and interface

Enclosure for socket with interlock switch



All Kaedra enclosures for sockets are delivered with an intermediate plaque (13136) already mounted on each opening, remove it before mounting a 16 A 5P or 32 A 3-4-5P socket.

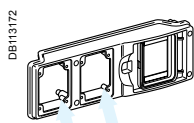
Kaedra for modular device with interface have the plaque 13138 already mounted on each opening.

The standard openings

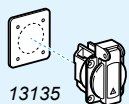
All enclosures for sockets and enclosures for interface have different openings for functional plaques. There are three standard dimensions:

- 65 x 85 mm, for direct fixing of PratiKa angled sockets of 16 A 2P+E and 3P+E or of domestic sockets
- 90 x 100 mm, for direct fixing of PratiKa in the enclosures for sockets, these opening are normally delivered with intermediate plaques code 13136
- 103 x 225 mm, for direct fixing of Unika sockets with interlock switch and relative functional plaques.

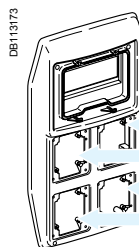
Indirect mounting



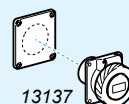
Mini enclosures



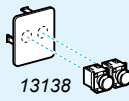
Domestic socket
50 x 50 mm



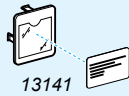
Enclosures for sockets



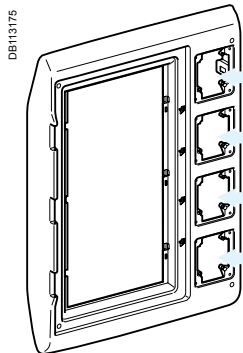
ELV socket
65 x 65 mm



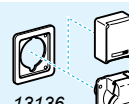
Buttons,
indicators light
22 mm diam.



Identification
label



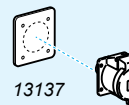
Enclosures for modular devices with interface and interfaces



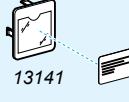
Domestic socket
65 x 85 mm



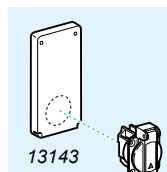
LV socket
65 x 85 mm



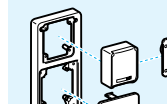
ELV sockets
65 x 65 mm



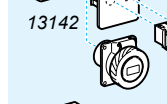
Identification
label



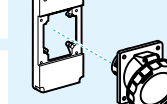
Domestic
socket
50 x 50 mm



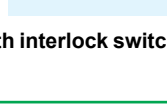
Domestic and
LV socket
65 x 85 mm



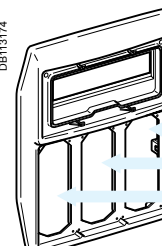
Buttons,
indicators light
22 mm diam.



LV socket
90 x 100 mm



63 A LV socket
100 x 107 mm



Enclosure for socket with interlock switch



13135

13136

13138

13137



13142

13143

13144

Code for universal enclosures

Denomination	Description	Code
Plaque for opening		
Screw fixing	65 x 85	Blank - marked for 1 socket 50 x 50
	90 x 100	Blank - marked for 1 socket 65 x 65
Clip fixing		Blank - marked for button (1 or 2 x diam. 22.2 - 4 x diam. 16)
		With identification label
		Intermediate - with opening 65 x 85
Interface Kit for enclosures with interface		
Clip fixing	90 x 100	For switch INS 63/80A
		For modular devices 4P
Plaque for opening		
Screw fixing	103 x 225	Blank - marked for 1 socket 65 x 65 and for button (1 or 2 x diam. 22.2)
		With 1 opening 65 x 85 and 1 opening 90 x 100
		With 1 opening 100 x 107 for plugs and sockets 63 A

PB102284



Code of supports

These products are used to support the Kaedra enclosures in order to have them portable.

Each support is furnished with:

- 4 screws M6 x 14 to fix the enclosure
- 4 plain washer
- 4 elastic washer.

Dimensions			Description	Code
H	W	D	For enclosures of	
700	360	410	8 modules 13179-13186-13190	10500
700	450	410	12 modules 13181-13187-13192-13433-13180-13191-13195-13983	10501
700	560	410	18 modules 13182-13188-13193-13147-13991-13439-13984-13434	10502

Code of accessories for the installation

Denomination	Description	Code	
Mounting plate			
For non-modular devices	Telequick - h 150 mm width 12 modules	13941	
Inclined supports for terminal blocks for Mini-enclosures			
Flat bar 12 x 2 - clip fixing	Width 4 modules	13361	
	Width 6 modules	13362	
	Width 8 modules	13363	
	Width 12 modules	13364	
Inclined supports for terminal blocks for enclosures			
Flat bar 12 x 2 - screw fixing	Width 8 modules	13925	
	Width 12 modules	13597	
	Width 18 modules	13598	
Supports for terminal for enclosures bottom			
Flat bar 12 x 2 - screw fixing	Width 12 modules	13599	
	Width 18 modules	13595	
Terminal blocks 80 A (40°C)			
To be clipped on the support or on bottom by means of dove tile	Width 80 mm 4 hole (2 x 10 + 2 x 16)	13575	
	Width 85 mm 8 hole (4 x 10 + 4 x 16)	13576	
To be clipped on the support or screw fixed on the bottom	Width 202 mm 16 hole (8 x 10 + 8 x 16)	13577	
	Width 202 mm 22 hole (11 x 10 + 11 x 16)	13578	
	Width 202 mm 32 hole (16 x + 16 x 16)	13579	
Protective cover			
The cover is clipped on to the terminal block for insulation IP 2X degree of protection	Colour green	For blocks 4 hole	13581
		8 hole	13582
		12- 22 and 32 hole	13583
	Colour red	4 hole	13588
		8 hole	13584
		12- 22 and 32 hole	13585
	Colour blue	4 hole	13589
		8 hole	13586
		12- 22 and 32 hole	13587
	Collar for wiring		
	To organize wiring into the enclosures clip fixed on the bottom on the chassis	Set of 5	13946
	Accessories for enclosure maintenance		
Front plate	12 modules (250 x 150 x 25)	10200	
	18 modules (360 x 150 x 25)	10209	
Chassis 1 row	12 modules (280 x 130 x 35)	10210	
	18 modules (390 x 130 x 35)	10220	

PB102295



PB102296



Code of accessories for enclosures installation

Denomination	Description	Code	
Association kit M32			
	2 nipples + 2 nuts	13934	
Wall-mounting brackets kit			
To fixing enclosures to wall	Set of 4 for mini-enclosures for sockets	83929	
	Set of 4 for Kaedra enclosures	13935	
Separator set			
To separate 2 rail DIN zones	For enclosure width 12 modules	13936	
	For enclosure width 18 modules	13937	
Jack-up block			
		13938	
Sealing kit			
Prevent access to the live parts by sealing the base with the cover or the panels	4 kits	13947	
Key lock			
	Key	13948	
	Square	13950	
	Triangle	13949	
Blanking plates			
	Grey RAL 7035, set of 10 (5 modules)	13940	
Slotted plate			
	150 x 250 mm	13941	
Fear-lead			
	Pack	14190	
PG thread cable glands			
	For cable		
In accordance with DIN 46320 - Grey RAL 7035 - Complete with lock-nut	PG9	7 - 9 mm	83991
	PG11	9 - 11 mm	83992
	PG13.5	9 - 12 mm	83993
	PG16	10 - 13 mm	83994
	PG21	14 - 17 mm	83995
	PG29	16 - 26 mm	83996
	PG36	28 - 36 mm	83997
	PG42	30 - 38 mm	83998
	PG48	40 - 44 mm	83999



PG thread cable glands



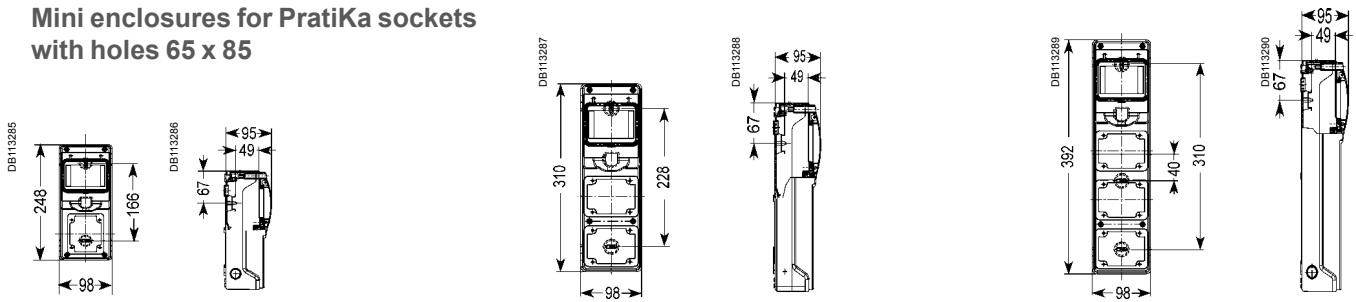
Accessories for the finish of enclosures

Denomination	Description	Code
Symbol plate		
Ordinary	Set of 10	13735
Special		13736
Label support sheet		
To be printed by Sismarker	Set of 10	13260

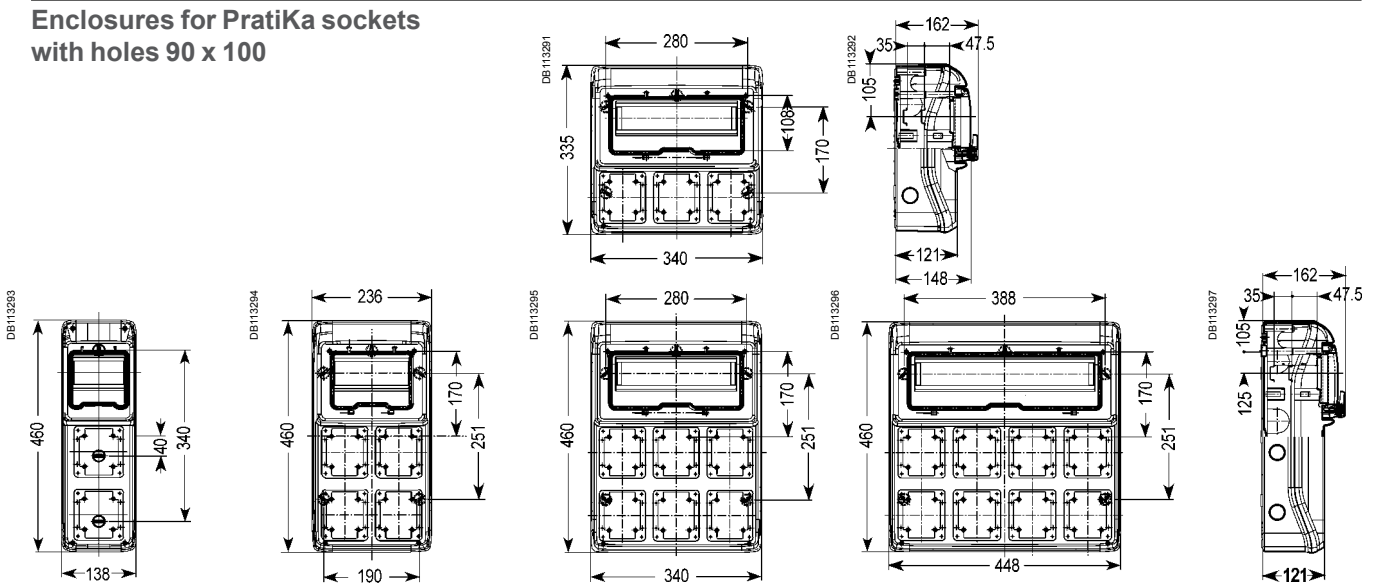
Kaedra System

Enclosures for sockets

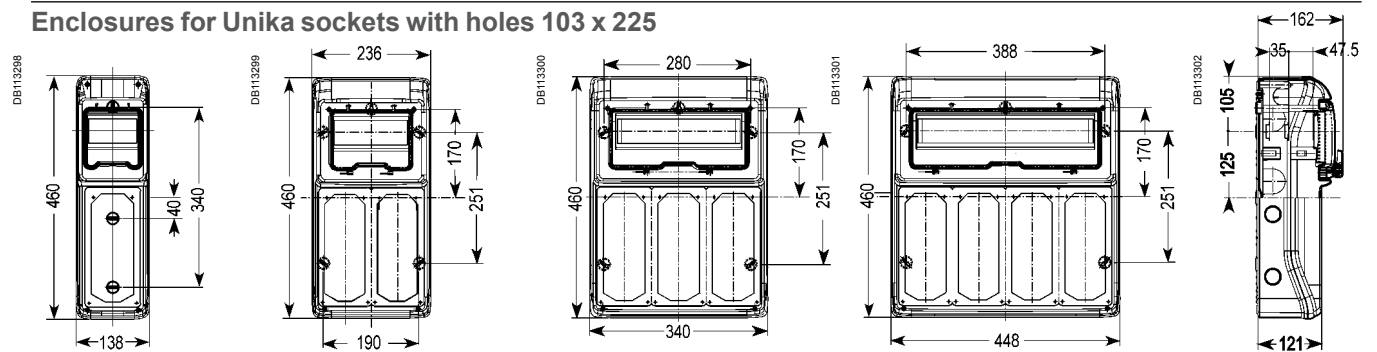
Mini enclosures for PratiKa sockets with holes 65 x 85



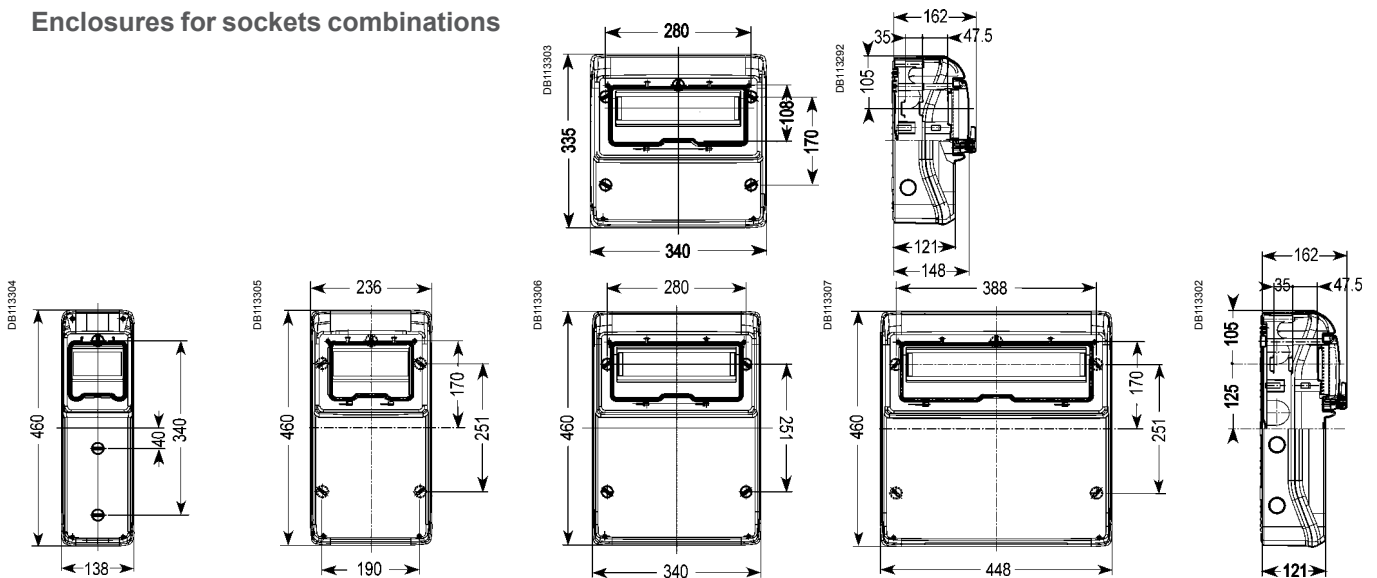
Enclosures for PratiKa sockets with holes 90 x 100



Enclosures for Unika sockets with holes 103 x 225



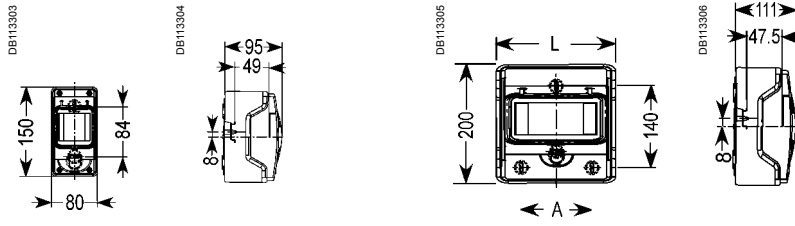
Enclosures for sockets combinations



Kaedra System

Enclosures for modular devices

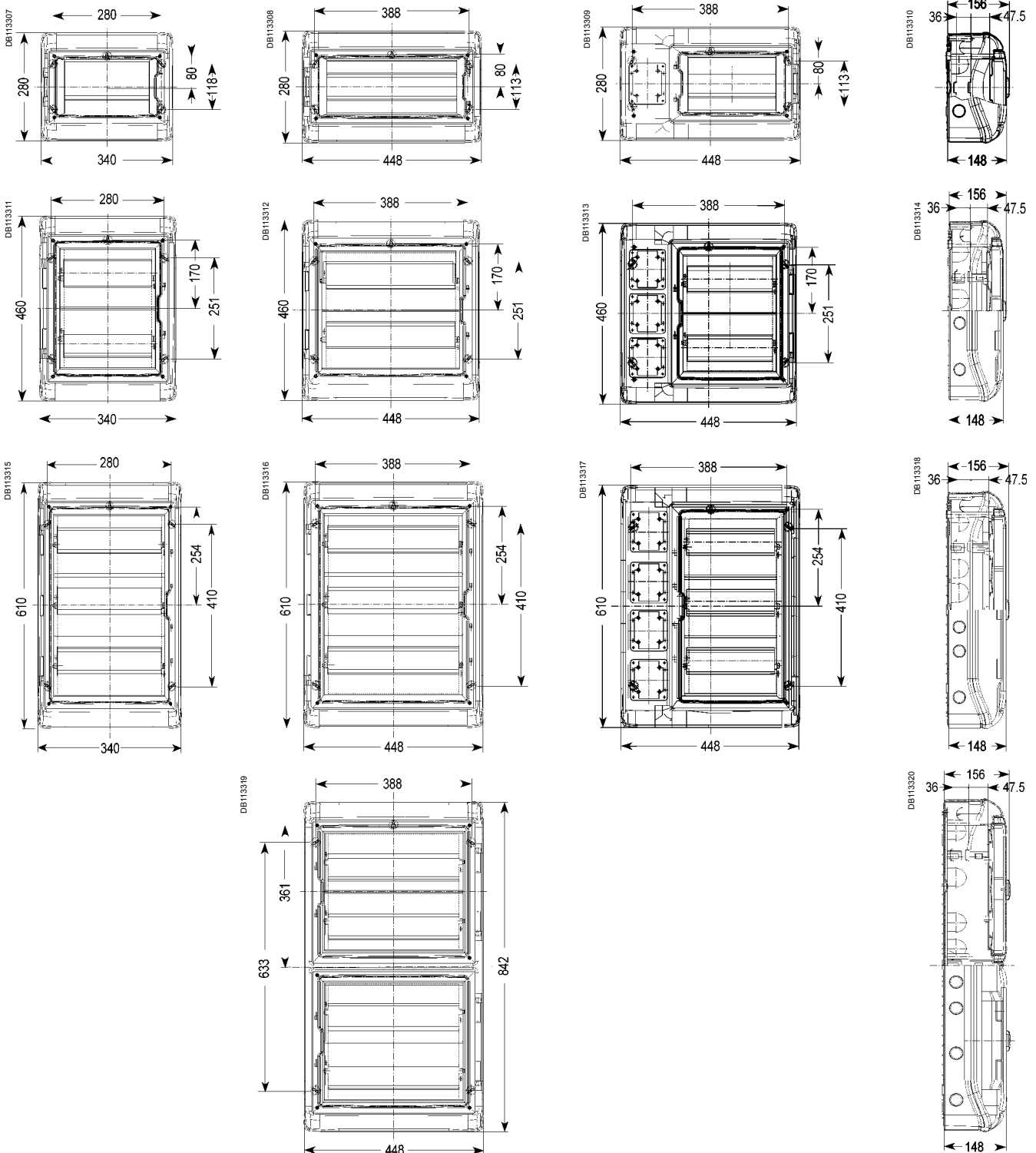
Mini enclosures for modular devices



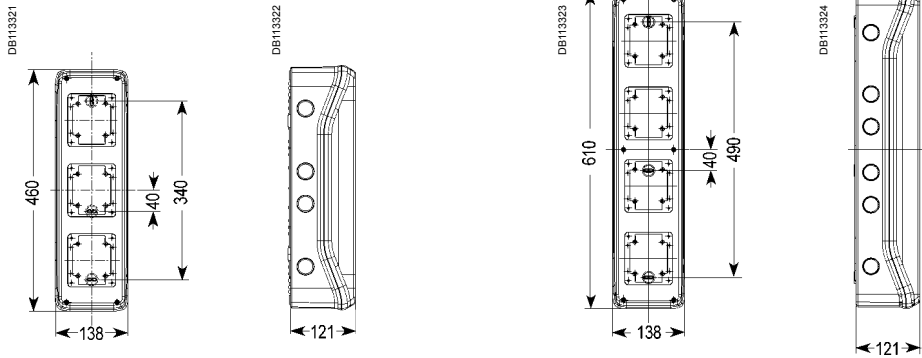
Modules	A	L
4	-	123
6	-	159
8	88	195
12	160	267

Enclosures for modular devices

With interface



Interface enclosures



Universal enclosures

