

Modular stand-alone enclosures SHA



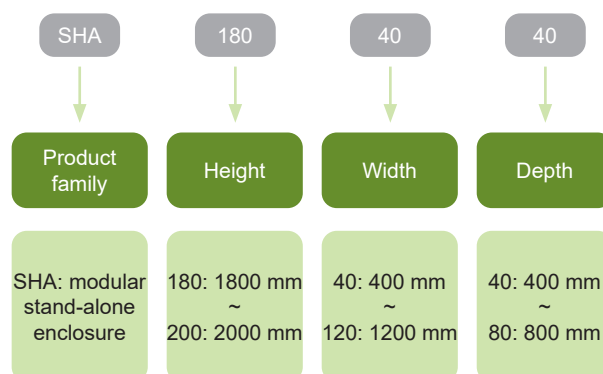
- Modular stand-alone enclosures with high protection degree SHA
- According to IEC/EN 62208 standard
- IP55 protection degree (EN 60529)
- Multiple mounting plate possibility
- Foamed-in door/rear panel PU sealing gasket
- Swing-handle polyamide lock (3 points locking, 333 key)
- Door and panel options for rear side
- The modular construction can be join
- Removable side panels
- Complementary accessories

Modular stand-alone enclosure SHA are suitable for industrial and commercial applications. Reliable sealing gasket on a door and other parts of body is a reason of high protection degree IP 55.

Modular system is based on assembly of many parts together and by this system is possible to customize enclosure to the details and can be equipped for specific needs. Many dimensional variants are available in two height versions of 1800 and 2000mm; width from 400 to 1200mm and depth 400 up to 800mm. SHA have high quality sheet steel of proper thickness as a standard.

We offer complementary accessories as side panel, eye bolt, rain canopy, cover plate, cover profiles, hinged cover plate, short mounting plate, partial mounting plate, infill mounting plate, carriage depth slide and support, partition profile, L profile, U profile, Z profile, L brackets, Z brackets, busbar & depth profile, ladder busbar profile, joining set, adjustable / pull out perforated shelf, plan pocket, plastic cover plate and earthing cable. Accessories for MSA and SHA are compatible.

Type Key



Certification marks



Modular stand-alone enclosures SHA

Body of stand-alone enclosure SHA

- Material DIN EN 10130 DC01 CCRS
- 1.5 mm thickness for frames and panel, 2mm thickness for door
- Surface is finished by RAL7035w powder coating
- Supply includes front and rear frame, solid door and rear panel, top cover, 4 or 6 pcs of side rails
- NOT INCLUDED: plinth, mounting plate and side panels (for complete usable enclosure)



Height	Width	Depth	Article No.	Type	Packing
1800 mm	400 mm	400 mm	110834	SHA 180 40 40	1
1800 mm	400 mm	600 mm	110835	SHA 180 40 60	1
1800 mm	400 mm	800 mm	110836	SHA 180 40 80	1
1800 mm	600 mm	400 mm	110837	SHA 180 60 40	1
1800 mm	600 mm	600 mm	110838	SHA 180 60 60	1
1800 mm	600 mm	800 mm	110839	SHA 180 60 80	1
1800 mm	800 mm	400 mm	110840	SHA 180 80 40	1
1800 mm	800 mm	600 mm	110841	SHA 180 80 60	1
1800 mm	800 mm	800 mm	110842	SHA 180 80 80	1
1800 mm	1000 mm	400 mm	110843	SHA 180 100 40	1
1800 mm	1000 mm	600 mm	110844	SHA 180 100 60	1
1800 mm	1000 mm	800 mm	110845	SHA 180 100 80	1
1800 mm	1200 mm	400 mm	110846	SHA 180 120 40	1
1800 mm	1200 mm	600 mm	110847	SHA 180 120 60	1
1800 mm	1200 mm	800 mm	110848	SHA 180 120 80	1
2000 mm	400 mm	400 mm	110849	SHA 200 40 40	1
2000 mm	400 mm	600 mm	110850	SHA 200 40 60	1
2000 mm	400 mm	800 mm	110851	SHA 200 40 80	1
2000 mm	600 mm	400 mm	110852	SHA 200 60 40	1
2000 mm	600 mm	600 mm	110853	SHA 200 60 60	1
2000 mm	600 mm	800 mm	110854	SHA 200 60 80	1
2000 mm	800 mm	400 mm	110855	SHA 200 80 40	1
2000 mm	800 mm	600 mm	110856	SHA 200 80 60	1
2000 mm	800 mm	800 mm	110857	SHA 200 80 80	1
2000 mm	1000 mm	400 mm	110858	SHA 200 100 40	1
2000 mm	1000 mm	600 mm	110859	SHA 200 100 60	1
2000 mm	1000 mm	800 mm	110860	SHA 200 100 80	1
2000 mm	1200 mm	400 mm	110861	SHA 200 120 40	1
2000 mm	1200 mm	600 mm	110862	SHA 200 120 60	1
2000 mm	1200 mm	800 mm	110863	SHA 200 120 80	1

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Bottom cover plate

- Material DIN EN 10130 DC01 CCRS
- 2 mm thickness
- Surface is finished by RAL7035w powder coating
- Supply includes bottom cover plates fasteners



Width	Depth	Height	Article No.	Type	Packing
400 mm	400 mm	2 mm	110922	PL SHA 40 40	1
400 mm	600 mm	2 mm	110923	PL SHA 40 60	1
400 mm	800 mm	2 mm	110924	PL SHA 40 80	1
600 mm	400 mm	2 mm	110925	PL SHA 60 40	1
600 mm	600 mm	2 mm	110926	PL SHA 60 60	1
600 mm	800 mm	2 mm	110927	PL SHA 60 80	1
800 mm	400 mm	2 mm	110928	PL SHA 80 40	1
800 mm	600 mm	2 mm	110929	PL SHA 80 60	1
800 mm	800 mm	2 mm	110930	PL SHA 80 80	1
1000 mm	400 mm	2 mm	110931	PL SHA 100 40	1
1000 mm	600 mm	2 mm	110932	PL SHA 100 60	1
1000 mm	800 mm	2 mm	110933	PL SHA 100 80	1
1200 mm	400 mm	2 mm	110934	PL SHA 120 40	1
1200 mm	600 mm	2 mm	110935	PL SHA 120 60	1
1200 mm	800 mm	2 mm	110936	PL SHA 120 80	1

Plinth

- Material DIN EN 10130 DC01 CCRS
- 2 mm thickness
- Surface is finished by RAL7035w powder coating
- Supply includes cover plates, mounting screws and plinth mounting fasteners



Height	Width	Depth	Article No.	Type	Packing
100 mm	400 mm	400 mm	110888	PL SHA 10 40 40	1
100 mm	400 mm	600 mm	110889	PL SHA 10 40 60	1
100 mm	400 mm	800 mm	110890	PL SHA 10 40 80	1
100 mm	600 mm	400 mm	110891	PL SHA 10 60 40	1
100 mm	600 mm	500 mm	110892	PL SHA 10 60 50	1
100 mm	600 mm	600 mm	110893	PL SHA 10 60 60	1
100 mm	600 mm	800 mm	110894	PL SHA 10 60 80	1
100 mm	800 mm	400 mm	110895	PL SHA 10 80 40	1
100 mm	800 mm	500 mm	110896	PL SHA 10 80 50	1
100 mm	800 mm	600 mm	110897	PL SHA 10 80 60	1
100 mm	800 mm	800 mm	110898	PL SHA 10 80 80	1
100 mm	1000 mm	400 mm	110899	PL SHA 10 100 40	1
100 mm	1000 mm	500 mm	110900	PL SHA 10 100 50	1
100 mm	1000 mm	600 mm	110901	PL SHA 10 100 60	1
100 mm	1000 mm	800 mm	110902	PL SHA 10 100 80	1
100 mm	1200 mm	400 mm	110903	PL SHA 10 120 40	1
100 mm	1200 mm	500 mm	110904	PL SHA 10 120 50	1
100 mm	1200 mm	600 mm	110905	PL SHA 10 120 60	1
100 mm	1200 mm	800 mm	110906	PL SHA 10 120 80	1
200 mm	400 mm	400 mm	110907	PL SHA 20 40 40	1
200 mm	400 mm	600 mm	110908	PL SHA 20 40 60	1
200 mm	400 mm	800 mm	110909	PL SHA 20 40 80	1
200 mm	600 mm	400 mm	110910	PL SHA 20 60 40	1
200 mm	600 mm	600 mm	110911	PL SHA 20 60 60	1
200 mm	600 mm	800 mm	110912	PL SHA 20 60 80	1
200 mm	800 mm	400 mm	110913	PL SHA 20 80 40	1
200 mm	800 mm	600 mm	110914	PL SHA 20 80 60	1
200 mm	800 mm	800 mm	110915	PL SHA 20 80 80	1
200 mm	1000 mm	400 mm	110916	PL SHA 20 100 40	1
200 mm	1000 mm	600 mm	110917	PL SHA 20 100 60	1
200 mm	1000 mm	800 mm	110918	PL SHA 20 100 80	1
200 mm	1200 mm	400 mm	110919	PL SHA 20 120 40	1
200 mm	1200 mm	600 mm	110920	PL SHA 20 120 60	1
200 mm	1200 mm	800 mm	110921	PL SHA 20 120 80	1

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Side panels

- Material DIN EN 10130 DC01 CCRS
- 1.5 mm thickness
- Surface is finished by RAL7035w powder coating
- Supply includes carriage slide support and fasteners



Height	Depth	Width	Article No.	Type	Packing
1800 mm	400 mm	18 mm	110937	SP SHA 180 40	1/2
1800 mm	600 mm	18 mm	110938	SP SHA 180 60	1/2
1800 mm	800 mm	18 mm	110939	SP SHA 180 80	1/2
2000 mm	400 mm	18 mm	110940	SP SHA 200 40	1/2
2000 mm	600 mm	18 mm	110941	SP SHA 200 60	1/2
2000 mm	800 mm	18 mm	110942	SP SHA 200 80	1/2

Mounting plate

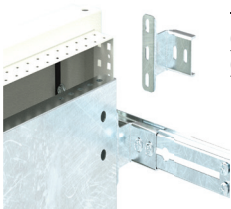
- Material DIN EN 10130 DC01 CCRS + Z galvanized
- 2 mm thickness
- Supply includes mounting screws and carriage slide support and fasteners



Height	Width	Depth	Article No.	Type	Packing
1800 mm	600 mm	30 mm	110944	MBP SHA 180 60	1
1800 mm	800 mm	30 mm	110945	MBP SHA 180 80	1
1800 mm	1000 mm	30 mm	110946	MBP SHA 180 100	1
1800 mm	1200 mm	30 mm	110947	MBP SHA 180 120	1
2000 mm	400 mm	30 mm	110948	MBP SHA 200 40	1
2000 mm	600 mm	30 mm	110949	MBP SHA 200 60	1
2000 mm	800 mm	30 mm	110950	MBP SHA 200 80	1
2000 mm	1000 mm	30 mm	110951	MBP SHA 200 100	1
2000 mm	1200 mm	30 mm	110952	MBP SHA 200 120	1

Mounting plate fixing brackets

- Material DIN EN 10327 DX51D + Z galvanized
- 2 mm thickness
- Supply includes side rail mounting fasteners
- Right and left connection
- MPB F SHA for fix mounting plate



Height	Width	Depth	Article No.	Type	Packing
60 mm	100 mm	60 mm	110953	MPB SHA	1 set
60 mm	100 mm	60 mm	112868	MPB F SHA	1 set

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Infill mounting plate

- Material DIN EN 10327 DX51D + Z galvanized
- 2 mm thickness
- Supply includes mounting screws



Height	Width	Depth	Article No.	Type	Packing
1800 mm	100 mm	16 mm	110954	IMP SHA 180	1
2000 mm	100 mm	16 mm	110955	IMP SHA 200	1

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Partial mounting plate

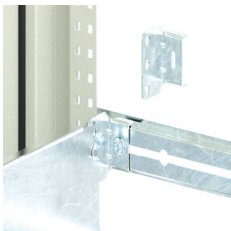
- Material DIN EN 10327 DX51D + Z galvanized
- 2 mm thickness
- Supply includes mounting screws



Height	Width	Depth	Article No.	Type	Packing
60 mm	600 mm	20 mm	110957	PBP SHA 60 06	1/2
160 mm	600 mm	20 mm	110958	PBP SHA 60 16	1/2
220 mm	600 mm	20 mm	110959	PBP SHA 60 22	1/2
280 mm	600 mm	20 mm	110960	PBP SHA 60 28	1/2
360 mm	600 mm	20 mm	110961	PBP SHA 60 36	1/2
60 mm	800 mm	20 mm	110962	PBP SHA 80 06	1/2
160 mm	800 mm	20 mm	110963	PBP SHA 80 16	1/2
220 mm	800 mm	20 mm	110964	PBP SHA 80 22	1/2
280 mm	800 mm	20 mm	110965	PBP SHA 80 28	1/2
360 mm	800 mm	20 mm	110966	PBP SHA 80 36	1/2
60 mm	1000 mm	20 mm	110967	PBP SHA 100 06	1/2
160 mm	1000 mm	20 mm	110968	PBP SHA 100 16	1/2
220 mm	1000 mm	20 mm	110969	PBP SHA 100 22	1/2
280 mm	1000 mm	20 mm	110970	PBP SHA 100 28	1/2
360 mm	1000 mm	20 mm	110971	PBP SHA 100 36	1/2
60 mm	1200 mm	20 mm	110972	PBP SHA 120 06	1/2
160 mm	1200 mm	20 mm	110973	PBP SHA 120 16	1/2
220 mm	1200 mm	20 mm	110974	PBP SHA 120 22	1/2
280 mm	1200 mm	20 mm	110975	PBP SHA 120 28	1/2
360 mm	1200 mm	20 mm	110976	PBP SHA 120 36	1/2
100 mm	600 mm	20 mm	110977	PBP SHA 60 10	1/2
200 mm	600 mm	20 mm	110978	PBP SHA 60 20	1/2
300 mm	600 mm	20 mm	110979	PBP SHA 60 30	1/2
400 mm	600 mm	20 mm	110980	PBP SHA 60 40	1/2
100 mm	800 mm	20 mm	110981	PBP SHA 80 10	1/2
200 mm	800 mm	20 mm	110982	PBP SHA 80 20	1/2
300 mm	800 mm	20 mm	110983	PBP SHA 80 30	1/2
400 mm	800 mm	20 mm	110984	PBP SHA 80 40	1/2
100 mm	1000 mm	20 mm	110985	PBP SHA 100 10	1/2
200 mm	1000 mm	20 mm	110986	PBP SHA 100 20	1/2
300 mm	1000 mm	20 mm	110987	PBP SHA 100 30	1/2
400 mm	1000 mm	20 mm	110988	PBP SHA 100 40	1/2
100 mm	1200 mm	20 mm	110989	PBP SHA 120 10	1/2
200 mm	1200 mm	20 mm	110990	PBP SHA 120 20	1/2
300 mm	1200 mm	20 mm	110991	PBP SHA 120 30	1/2
400 mm	1200 mm	20 mm	110992	PBP SHA 120 40	1/2

Partial mounting plate fixing brackets - vertical position

- Material DIN EN 10327 DX51D + Z galvanized
- 2 mm thickness
- Supply includes side rail mounting fasteners



Article No.	Type	Packing
110993	VFB SHA	1/8

Modular stand-alone enclosures SHA

Partial mounting plate fixing brackets - horizontal position

- Material DIN EN 10327 DX51D + Z galvanized
- 2 mm thickness
- Supply includes side rail mounting fasteners



Article No.	Type	Packing
110994	HFB SHA	1/8

Solid door

- Material DIN EN 10130 DC01 CCRS
- 2 mm thickness
- Surface is finished by RAL7035w powder coating
- Supply includes lock and hinges



Height	Width	Depth	Article No.	Type	Packing
1800 mm	400 mm	23 mm	110995	SSD SHA 180 40	1
2000 mm	400 mm	23 mm	110996	SSD SHA 200 40	1
1800 mm	600 mm	23 mm	110997	SSD SHA 180 60	1
2000 mm	600 mm	23 mm	110998	SSD SHA 200 60	1
1800 mm	800 mm	23 mm	110999	SSD SHA 180 80	1
2000 mm	800 mm	23 mm	111000	SSD SHA 200 80	1
1800 mm	1000 mm	23 mm	111001	SSD SHA 180 100	1
2000 mm	1000 mm	23 mm	111002	SSD SHA 200 100	1
1800 mm	1200 mm	23 mm	111003	SSD SHA 180 120	1
2000 mm	1200 mm	23 mm	111004	SSD SHA 200 120	1

Glazed door

- Material: DIN EN 10130 DC01 CCRS and 4mm tempered glass
- 2 mm thickness
- Surface is finished by RAL7035w powder coating
- Supply includes lock and hinges



Height	Width	Depth	Article No.	Type	Packing
1800 mm	400 mm	23 mm	111005	GSD SHA 180 40	1
2000 mm	400 mm	23 mm	111006	GSD SHA 200 40	1
1800 mm	600 mm	23 mm	111007	GSD SHA 180 60	1
2000 mm	600 mm	23 mm	111008	GSD SHA 200 60	1
1800 mm	800 mm	23 mm	111009	GSD SHA 180 80	1
2000 mm	800 mm	23 mm	111010	GSD SHA 200 80	1

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Rain canopy

- Material DIN EN 10130 DC01 CCRS
- 1.2 mm thickness
- Surface is finished by RAL7035w powder coating
- Supply includes mounting screws



Width	Depth	Depth	Article No.	Type	Packing
400 mm	400 mm	90 mm	111011	RC SHA 40 40	1
400 mm	600 mm	90 mm	111012	RC SHA 40 60	1
400 mm	840 mm	90 mm	111013	RC SHA 40 80	1
600 mm	400 mm	90 mm	111014	RC SHA 60 40	1
600 mm	600 mm	90 mm	111015	RC SHA 60 60	1
600 mm	800 mm	90 mm	111016	RC SHA 60 80	1
800 mm	400 mm	90 mm	111017	RC SHA 80 40	1
800 mm	600 mm	90 mm	111018	RC SHA 80 60	1
800 mm	800 mm	90 mm	111019	RC SHA 80 80	1
1000 mm	400 mm	90 mm	111020	RC SHA 100 40	1
1000 mm	600 mm	90 mm	111021	RC SHA 100 60	1
1000 mm	800 mm	90 mm	111022	RC SHA 100 80	1
1200 mm	400 mm	90 mm	111023	RC SHA 120 40	1
1200 mm	600 mm	90 mm	111024	RC SHA 120 60	1
1200 mm	800 mm	90 mm	111025	RC SHA 120 80	1

Cover plate profiles

- Material DIN EN 10130 DC01 CCRS
- 1.5 mm thickness
- Surface is finished by RAL7035w powder coating
- Supply includes mounting fasteners; one set includes left and right profile



Height	Width	Depth	Article No.	Type	Packing
1800 mm	75 mm	40 mm	112837	SC SHA 180 N	1 set
2000 mm	75 mm	40 mm	112838	SC SHA 200 N	1 set

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Cover plates

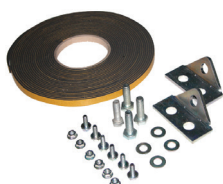
- Material DIN EN 10130 DC01 CCRS
- 0.9 mm thickness
- Surface is finished by RAL7035w powder coating
- With standard precut for modular devices or plain
- Supply includes cover plate profile mounting screws, plastic nuts and handles



Height	Width	Modules	Article No.	Type	Packing
150 mm	600 mm	22	112839	CP SHA 15 60 N	1
150 mm	800 mm	33	112840	CP SHA 15 80 N	1
25 mm	600 mm	-	112841	CPP SHA 02 60 N	1
100 mm	600 mm	-	112842	CPP SHA 10 60 N	1
150 mm	600 mm	-	112843	CPP SHA 15 60 N	1
200 mm	600 mm	-	112844	CPP SHA 20 60 N	1
300 mm	600 mm	-	112845	CPP SHA 30 60 N	1
400 mm	600 mm	-	112846	CPP SHA 40 60 N	1
500 mm	600 mm	-	112847	CPP SHA 50 60 N	1
25 mm	800 mm	-	112848	CPP SHA 02 80 N	1
100 mm	800 mm	-	112849	CPP SHA 10 80 N	1
150 mm	800 mm	-	112850	CPP SHA 15 80 N	1
200 mm	800 mm	-	112851	CPP SHA 20 80 N	1
300 mm	800 mm	-	112852	CPP SHA 30 80 N	1
400 mm	800 mm	-	112853	CPP SHA 40 80 N	1
500 mm	800 mm	-	112854	CPP SHA 50 80 N	1
25 mm	1000 mm	-	112855	CPP SHA 02 100 N	1
200 mm	1000 mm	-	112856	CPP SHA 20 100 N	1
300 mm	1000 mm	-	112857	CPP SHA 30 100 N	1
400 mm	1000 mm	-	112858	CPP SHA 40 100 N	1
500 mm	1000 mm	-	112859	CPP SHA 50 100 N	1
25 mm	1200 mm	-	112860	CPP SHA 02 120 N	1
200 mm	1200 mm	-	112861	CPP SHA 20 120 N	1
300 mm	1200 mm	-	112862	CPP SHA 30 120 N	1
400 mm	1200 mm	-	112863	CPP SHA 40 120 N	1
500 mm	1200 mm	-	112864	CPP SHA 50 120 N	1

Joining set

- Material DIN EN 10025 S235 JR
- 5 mm thickness
- Surface is finished by Z coated Cr⁺³ passivation
- Supply includes 2pcs lifting and joining profiles and fasteners, 10m 10x3mm EPDM gasket and frame fasteners
- M12 connection
- ∅25 diameter



Article No.	Type	Packing
111056	JS SHA	1

Modular stand-alone enclosures SHA

Eye bolts

- Material C15E Forget steel
- Surface is finished by Z coated Cr⁺³ passivation
- DIN 580 standards
- M12 connection
- Eye bolt diameter is $\varnothing 30$
- 1 set = 4 pcs



Article No.	Type	Packing
111057	EB SHA	1 set

Infill depth profiles

- Material DIN EN 10327 DX51D + Z galvanized
- 2 mm thickness
- Supply includes mounting screws



Depth	Height	Width	Article No.	Type	Packing
400 mm	29 mm	12 mm	111058	IP SHA 40	1/2
600 mm	29 mm	12 mm	111059	IP SHA 60	1/2
800 mm	29 mm	12 mm	111060	IP SHA 80	1/2

Side rails

- Material DIN EN 10327 DX51D + Z galvanized
- 1.5 mm thickness
- Supply includes mounting screws



Depth	Height	Width	Article No.	Type	Packing
400 mm	37 mm	15 mm	111061	SR SHA 40	1/6
600 mm	37 mm	15 mm	111062	SR SHA 60	1/6
800 mm	37 mm	15 mm	111063	SR SHA 80	1/6

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U profile

- Material DIN EN 10327 DX51D + Z galvanized
- 2 mm thickness
- Supply includes mounting screws



Width	Height	Depth	Article No.	Type	Packing
600 mm	39 mm	25 mm	111064	UP SHA 60	1/2
800 mm	39 mm	25 mm	111065	UP SHA 80	1/2
1000 mm	39 mm	25 mm	111066	UP SHA 1000	1/2
1200 mm	39 mm	25 mm	111067	UP SHA 1200	1/2

Busbar & depth profiles

- Material DIN EN 10327 DX51D + Z galvanized
- 2 mm thickness
- Supply includes mounting screws



Depth	Height	Width	Article No.	Type	Packing
400 mm	40 mm	50 mm	111068	BB SHA 40	1/2
600 mm	40 mm	50 mm	111069	BB SHA 60	1/2
800 mm	40 mm	50 mm	111070	BB SHA 80	1/2

Notched busbar & depth profiles

- Material DIN EN 10327 DX51D + Z galvanized
- 2 mm thickness
- Left or right (described in Type)
- Supply includes mounting screws



Depth	Height	Width	Article No.	Type	Packing
400 mm	40 mm	50 mm	111071	NBL SHA 40	1/2
400 mm	40 mm	50 mm	111072	NBR SHA 40	1/2
600 mm	40 mm	50 mm	111073	NBL SHA 60	1/2
600 mm	40 mm	50 mm	111074	NBR SHA 60	1/2
800 mm	40 mm	50 mm	111075	NBL SHA 80	1/2
800 mm	40 mm	50 mm	111076	NBR SHA 80	1/2

Ladder busbar profiles

- Material DIN EN 10327 DX51D + Z galvanized
- 2 mm thickness
- Left or right (described in Type)
- Supply includes mounting screws



Depth	Height	Width	Article No.	Type	Packing
400 mm	70 mm	50 mm	111077	LBL SHA 40	1/2
400 mm	70 mm	50 mm	111078	LBR SHA 40	1/2
600 mm	70 mm	50 mm	111079	LBL SHA 60	1/2
600 mm	70 mm	50 mm	111080	LBR SHA 60	1/2
800 mm	70 mm	50 mm	111081	LBL SHA 80	1/2
800 mm	70 mm	50 mm	111082	LBR SHA 80	1/2

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L Bracket

- Material DIN EN 10327 DX51D + Z galvanized
- 2 mm thickness
- Left or right (described in Type)
- Supply includes mounting screws



Depth	Height	Width	Article No.	Type	Packing
30 mm	55 mm	42 mm	111083	LBL SHA 42 30	1/8
30 mm	55 mm	42 mm	111084	LBR SHA 42 30	1/8
50 mm	55 mm	42 mm	111085	LBL SHA 42 50	1/8
50 mm	55 mm	42 mm	111086	LBR SHA 42 50	1/8
90 mm	55 mm	42 mm	111087	LBL SHA 42 90	1/8
90 mm	55 mm	42 mm	111088	LBR SHA 42 90	1/8

Z Bracket

- Material DIN EN 10327 DX51D + Z galvanized
- 2 mm thickness
- Left or right (described in Type)
- Supply includes mounting screws



Depth	Height	Width	Article No.	Type	Packing
58 mm	55 mm	30 mm	111089	ZBL SHA 30 30	1/3
58 mm	55 mm	30 mm	111090	ZBR SHA 30 30	1/3

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Z Profile

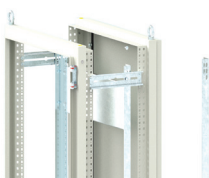
- Material DIN EN 10327 DX51D + Z galvanized
- 2 mm thickness
- Supply includes mounting screws



Width	Height	Depth	Article No.	Type	Packing
400 mm	38 mm	22 mm	111096	ZP SHA 40	1
600 mm	38 mm	22 mm	111097	ZP SHA 60	1
800 mm	38 mm	22 mm	111098	ZP SHA 80	1
1000 mm	38 mm	22 mm	111099	ZP SHA 100	1
1200 mm	38 mm	22 mm	111100	ZP SHA 120	1

L Profile

- Material DIN EN 10327 DX51D + Z galvanized
- 1.5 mm thickness
- Supply includes mounting fasteners
- 1 set = 2 pcs



Height	Width	Depth	Article No.	Type	Packing
1800 mm	41.5 mm	30 mm	111101	LP SHA 180	1 set
2000 mm	41.5 mm	30 mm	111102	LP SHA 200	1 set

Depth partition profile

- Material DIN EN 10327 DX51D + Z galvanized
- 2 mm thickness
- Supply includes mounting screws
- 1 set = 2 pcs



Height	Width	Depth	Article No.	Type	Packing
1800 mm	89 mm	109 mm	112865	DPP SHA 180 N	1 set
2000 mm	89 mm	109 mm	112866	DPP SHA 200 N	1 set

Partition profile

- Material DIN EN 10327 DX51D + Z galvanized
- 2 mm thickness
- Supply includes frame fasteners
- 1 set = 2 pcs



Height	Width	Depth	Article No.	Type	Packing
1800 mm	42 mm	40 mm	111105	PP SHA 180	1 set
2000 mm	42 mm	40 mm	111106	PP SHA 200	1 set

Modular stand-alone enclosures SHA

Adjustable shelf

- Material DIN EN 10130 DC01 CCRS
- 1.5 mm thickness
- Surface is finished by RAL7035w powder coating
- Supply includes mounting fasteners



Width	Depth	Height	Article No.	Type	Packing
600 mm	400 mm	30 mm	111107	AS SHA 60 40	1/2
600 mm	600 mm	30 mm	111108	AS SHA 60 60	1/2
600 mm	800 mm	30 mm	111109	AS SHA 60 80	1/2
800 mm	400 mm	30 mm	111110	AS SHA 80 40	1/2
800 mm	600 mm	30 mm	111111	AS SHA 80 60	1/2
800 mm	800 mm	30 mm	111112	AS SHA 80 80	1/2

Pull out shelf

- Material DIN EN 10130 DC01 CCRS
- 1.5 mm thickness
- Surface is finished by RAL7035w powder coating
- Supply includes shelf, pull out side rails, connection profiles and mounting fasteners



Width	Depth	Height	Article No.	Type	Packing
600 mm	400 mm	30 mm	111113	POL SHA 60 40	1/2
600 mm	600 mm	30 mm	111114	POL SHA 60 60	1/2
600 mm	800 mm	30 mm	111115	POL SHA 60 80	1/2
800 mm	400 mm	30 mm	111116	POL SHA 80 40	1/2
800 mm	600 mm	30 mm	111117	POL SHA 80 60	1/2
800 mm	800 mm	30 mm	111118	POL SHA 80 80	1/2

Plan pockets A4/A3

- Material DIN EN 10130 DC01 CCRS
- 1.5 mm thickness
- Surface is finished by RAL7035w powder coating
- Supply includes mounting fasteners to fix door reinforcement frame



Width	Height	Depth	Article No.	Type	Packing
all	200 mm	30 mm	111119	PP SHA A4	1/10
600/1200 mm	240 mm	60 mm	111120	PP SHA A3	1/6
800 mm	240 mm	60 mm	111121	PP SHA A3A	1/6

Modular stand-alone enclosures SHA

Laptop tray

- Material DIN EN 10130 DC01 CCRS
- 2 mm thickness
- Surface is finished by RAL7035w powder coating
- Supply includes laptop tray, mounting fasteners to fix to door reinforcement frame



Width	Height	Depth	Article No.	Type	Packing
600 mm	365 mm	70 mm	111122	LT SHA 60	1
800 mm	365 mm	70 mm	111123	LT SHA 80	1
1000 mm	365 mm	70 mm	111124	LT SHA 100	1

Swing frame

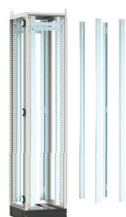
- Material DIN EN 10130 DC01 CCRS and DIN EN 10327 DX51D + Z galvanized
- 2 mm thickness
- Surface is finished by RAL7035w powder coating
- Supply includes mounting fasteners



Height	Width	Depth	Article No.	Type	Packing
1800 mm	600 mm	70 mm	111125	SF SHA 60 36U	1
2000 mm	600 mm	70 mm	111126	SF SHA 60 40U	1
1800 mm	800 mm	70 mm	111127	SF SHA 80 36U	1
2000 mm	800 mm	70 mm	111128	SF SHA 80 40U	1

19" Profiles

- Material DIN EN 10327 DX51D + Z galvanized
- 1.5 mm thickness
- 1 set = 2 pcs

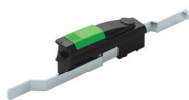


Height	Width	Depth	Article No.	Type	Packing
1800 mm	130 mm	50 mm	111129	CP SHA 180 39U	1 set
2000 mm	130 mm	50 mm	111130	CP SHA 180 43U	1 set

Modular stand-alone enclosures SHA

SHA lock systems EK333

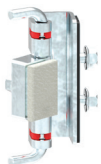
- Spare lock mechanism



Article No.	Type	Packing
111131	LS SHA	1/100

SHA hinges

- Spare hinges for SHA enclosures



Article No.	Type	Packing
112867	HI SHA N	1/50

Hinge for cover plate

- Hinge for creating hinged cover plates
- ZAMAK M5



Article No.	Type	Packing
111134	HCP SHA	1/50

Lock for cover plates

- Additional lock for hinged cover plates
- Plastic lock with metal tongue
- KY69.1.5.14 (7x23)



Article No.	Type	Packing
111133	LFC SHA	1/100

Modular stand-alone enclosures SHA

Earthing cables

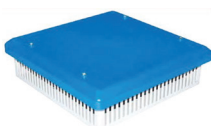
- Materials of the cable are nickel plated, braided copper conductor
- 16 mm² cross sections
- M8-M8 connection



Length	Article No.	Type	Packing
275 mm	111135	EC SHA 275	1/50
350 mm	111136	EC SHA 350	1/50

Roof mounted fan units

- Roof ventilation system
- 230 V AC / 50Hz
- Air flow 650 or 860 m³/h
- Dimensions (H x W x D) - 100 x 350 x 350 mm



Air flow	Power	Noise level	Article No.	Type	Packing
650 m ³ /h	65 W	68 dB	111137	RMF SHA 650	1
860 m ³ /h	100 W	73 dB	111138	RMF SHA 860	1

Busbar support 3P and 4P, 2 bars/pol

- Isolators between flat busbars



Height	Width	Depth	Article No.	Type	Packing
40 mm	340 mm	42 mm	111139	BBS SHA 3P	1/2
40 mm	440 mm	42 mm	111140	BBS SHA 4P	1/2

Technical Data SHA

Modular stand-alone enclosures

General parameters

For heavy duty uses with IP55 protection rating
Modular construction for customization
Foamed-in door and rear panel PU sealing gasket
Swing-handle polymide lock (3 point locking, 333 key)

Electrical parameters

Tested according to	IEC/EN 62208
Rated operational voltage U_e	1 000 V AC
Rated frequency f	up to 1 000 Hz
Rated impulse voltage U_{imp}	8 kV
Insulation voltage U_i	1000 V AC
Maximum short-circuit current I_{dc}	35 kA
Degree of protection	IP55 (single door) IP55 (double door) IP55 (with glazed door)
Mechanical impact protection	IK10 (solid door)
Insulation class	I

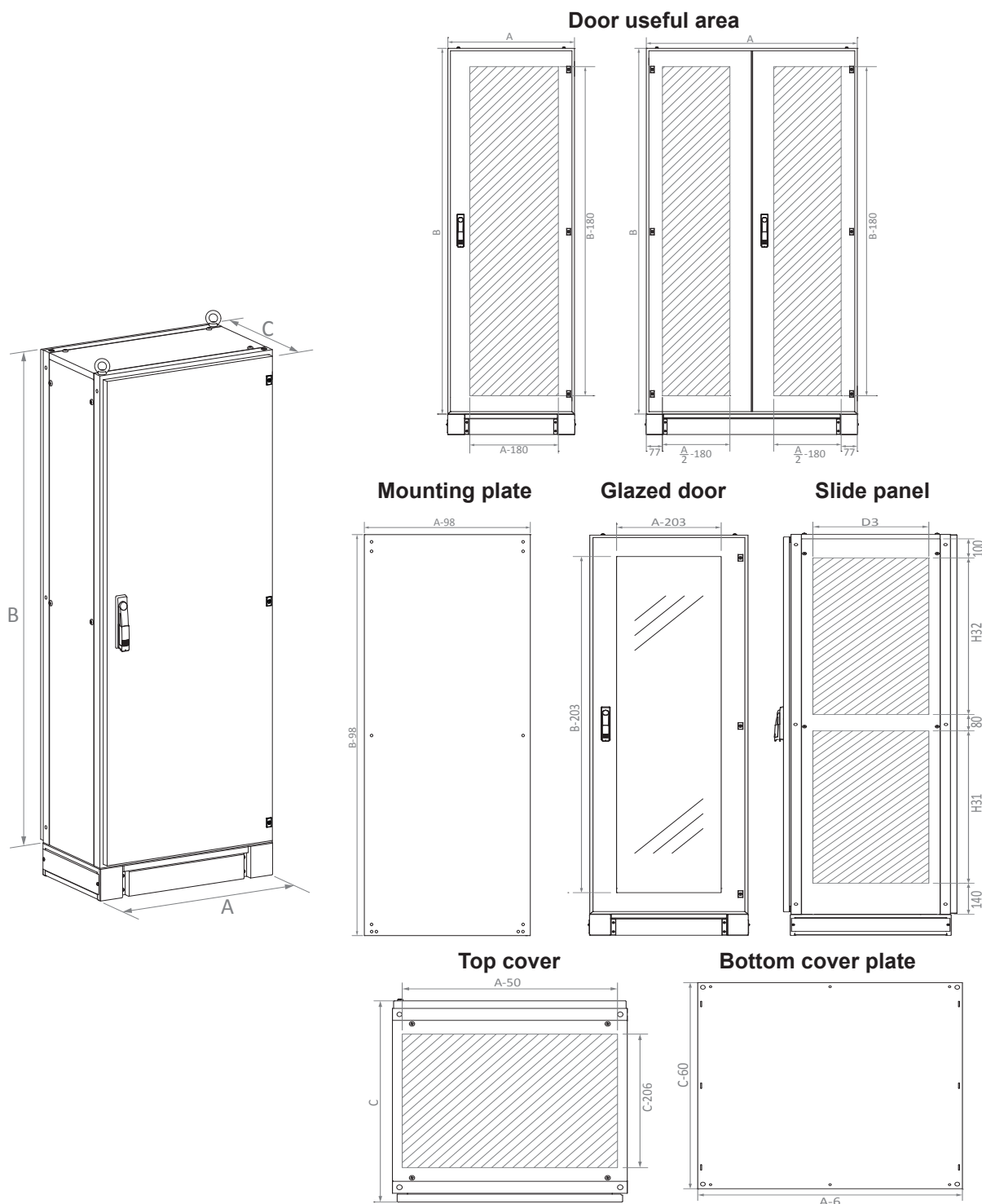
Mechanical parameters

Material of enclosure	sheet steel
Thickness of frame/panel/door/plinth	1.5 / 1.5 / 2.0 / 2.0 mm
Maximum door opening angle	135°
Colour	RAL 7035wp
Material of mounting plate	galvanized steel
Thickness of mounting plate	2 mm
Ambient temperature	-40 – +100 °C

Technical Data SHA

Modular stand-alone enclosures

Dimensional drawings



Technical Data SHA

Modular stand-alone enclosures

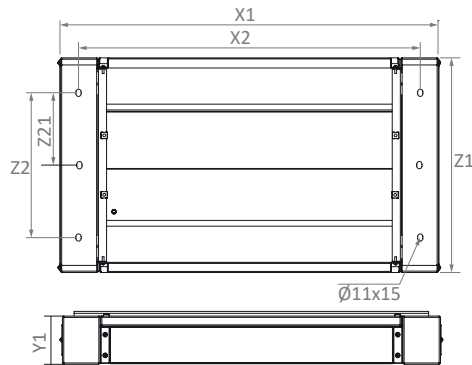
Dimensions

Type	Door	Hinge	Glazed Door	Height (B) [mm]	Width (A) [mm]	Depth (C) [mm]
SHA 180 40 40	1	3	▪	1800	400	400
SHA 180 40 60	1	3	▪	1800	400	600
SHA 180 40 80	1	3	▪	1800	400	800
SHA 180 60 40	1	3	▪	1800	600	400
SHA 180 60 60	1	3	▪	1800	600	600
SHA 180 60 80	1	3	▪	1800	600	800
SHA 180 80 40	1	3	▪	1800	800	400
SHA 180 80 60	1	3	▪	1800	800	600
SHA 180 80 80	1	3	▪	1800	800	800
SHA 180 100 40	2	3+3		1800	1000	400
SHA 180 100 60	2	3+3		1800	1000	600
SHA 180 100 80	2	3+3		1800	1000	800
SHA 180 120 40	2	3+3		1800	1200	400
SHA 180 120 60	2	3+3		1800	1200	600
SHA 180 120 80	2	3+3		1800	1200	800
SHA 200 40 40	1	3	▪	2000	400	400
SHA 200 40 60	1	3	▪	2000	400	600
SHA 200 40 80	1	3	▪	2000	400	800
SHA 200 60 40	1	3	▪	2000	600	400
SHA 200 60 60	1	3	▪	2000	600	600
SHA 200 60 80	1	3	▪	2000	600	800
SHA 200 80 40	1	3	▪	2000	800	400
SHA 200 80 60	1	3	▪	2000	800	600
SHA 200 80 80	1	3	▪	2000	800	800
SHA 200 100 40	2	3+3		2000	1000	400
SHA 200 100 60	2	3+3		2000	1000	600
SHA 200 100 80	2	3+3		2000	1000	800
SHA 200 120 40	2	3+3		2000	1200	400
SHA 200 120 60	2	3+3		2000	1200	600
SHA 200 120 80	2	3+3		2000	1200	800

Technical Data SHA

Plinth

Dimensional drawings



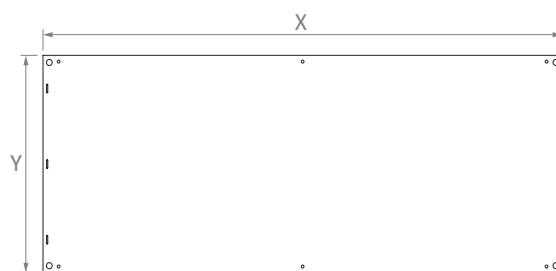
Dimensions

Type	Connection			Width (A) [mm]	Height (Y1) [mm]	Depth (C) [mm]	Wide (X1) [mm]	Lenght (Z1) [mm]	Weight [kg]
	X2 [mm]	Z2 [mm]	Z21 [mm]						
PL SHA 10 40 40	325	200	100	400	100	400	400	345	5.7
PL SHA 10 40 60	325	400	200	400	100	600	400	545	8.4
PL SHA 10 40 80	325	600	300	400	100	800	400	745	11
PL SHA 10 60 40	525	200	100	600	100	400	600	345	8.1
PL SHA 10 60 50	525	300	150	600	100	500	600	445	9.4
PL SHA 10 60 60	525	400	200	600	100	600	600	545	10.8
PL SHA 10 60 80	525	600	300	600	100	800	600	745	13.4
PL SHA 10 80 40	725	200	100	800	100	400	800	345	10.5
PL SHA 10 80 50	725	300	150	800	100	500	800	445	11.8
PL SHA 10 80 60	725	400	200	800	100	600	800	545	13.1
PL SHA 10 80 80	725	600	300	800	100	800	800	745	15.8
PL SHA 10 100 40	925	200	100	1000	100	400	1000	345	12.9
PL SHA 10 100 50	925	300	150	1000	100	500	1000	445	14.2
PL SHA 10 100 60	925	400	200	1000	100	600	1000	545	15.5
PL SHA 10 100 80	925	600	300	1000	100	800	1000	745	18.2
PL SHA 10 120 40	1125	200	100	1200	100	400	1200	345	15.3
PL SHA 10 120 50	1125	300	150	1200	100	500	1200	445	16.6
PL SHA 10 120 60	1125	400	200	1200	100	600	1200	545	17.9
PL SHA 10 120 80	1125	600	300	1200	100	800	1200	745	20.6
PL SHA 20 40 40	325	200	100	400	200	400	400	345	7.4
PL SHA 20 40 60	325	400	200	400	200	600	400	545	10.1
PL SHA 20 40 80	325	600	300	400	200	800	400	745	12.7
PL SHA 20 60 40	525	200	100	600	200	400	600	345	9.8
PL SHA 20 60 60	525	400	200	600	200	600	600	545	12.5
PL SHA 20 60 80	525	600	300	600	200	800	600	745	15.1
PL SHA 20 80 40	725	200	100	800	200	400	800	345	12.2
PL SHA 20 80 60	725	400	200	800	200	600	800	545	14.8
PL SHA 20 80 80	725	600	300	800	200	800	800	745	17.5
PL SHA 20 100 40	925	200	100	1000	200	400	1000	345	14.6
PL SHA 20 100 60	925	400	200	1000	200	600	1000	545	17.2
PL SHA 20 100 80	925	600	300	1000	200	800	1000	745	19.9
PL SHA 20 120 40	1125	200	100	1200	200	400	1200	345	17
PL SHA 20 120 60	1125	400	200	1200	200	600	1200	545	19.6
PL SHA 20 120 80	1125	600	300	1200	200	800	1200	745	22.3

Technical Data SHA

Bottom cover plate

Dimensional drawings



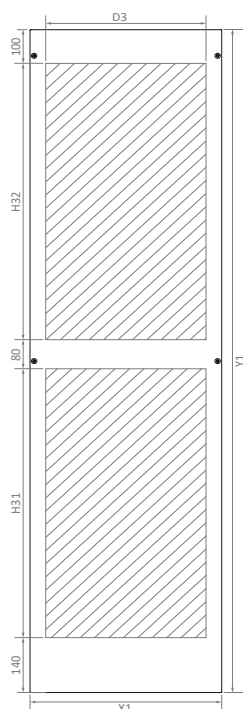
Dimensions

Type	Width (A) [mm]	Depth (C) [mm]	Wide (X) [mm]	Lenght (Y) [mm]	Weight [kg]
PL SHA 40 40	400	400	395	340	2.2
PL SHA 40 60	400	600	395	540	3.5
PL SHA 40 80	400	800	395	740	4.7
PL SHA 60 40	600	400	595	340	3.3
PL SHA 60 60	600	600	595	540	5.2
PL SHA 60 80	600	800	595	740	7.1
PL SHA 80 40	800	400	795	340	4.4
PL SHA 80 60	800	600	795	540	6.9
PL SHA 80 80	800	800	795	740	9.4
PL SHA 100 40	1000	400	995	340	5.5
PL SHA 100 60	1000	600	995	540	8.6
PL SHA 100 80	1000	800	995	740	11.8
PL SHA 120 40	1200	400	1195	340	6.6
PL SHA 120 60	1200	600	1195	540	10.4
PL SHA 120 80	1200	800	1195	740	14.2

Technical Data SHA

Side panels

Dimensional drawings



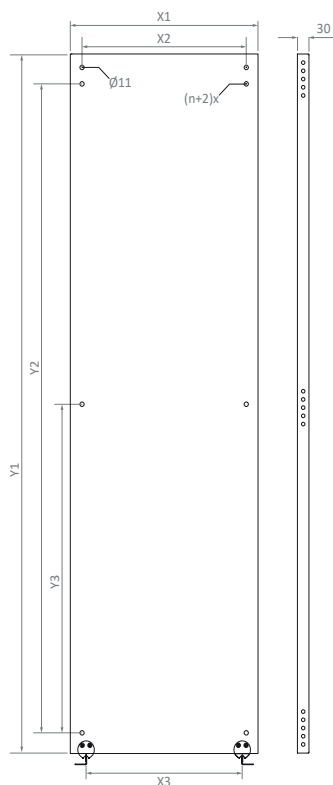
Dimensions

Type	Useful Area			Height (B) [mm]	Depth (C) [mm]	Wide (X1) [mm]	Lenght (Y1) [mm]	Weight [kg]
	D3 [mm]	H31 [mm]	H32 [mm]					
SP SHA 180 40	194	720	740	1800	400	270	1780	6.5
SP SHA 180 60	394	720	740	1800	600	470	1780	10.8
SP SHA 180 80	594	720	740	1800	800	670	1780	15.4
SP SHA 200 40	194	840	820	2000	400	270	1980	7.5
SP SHA 200 60	394	840	820	2000	600	470	1980	12
SP SHA 200 80	594	840	820	2000	800	670	1980	16.9

Technical Data SHA

Mounting plate

Dimensional drawings



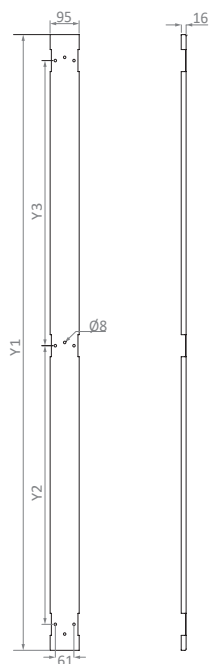
Dimensions

Type	Connection					Width (A) [mm]	Height (B) [mm]	Wide (X1) [mm]	Lenght (Y1) [mm]	Weight [kg]
	X2 [mm]	Y2 [mm]	X3 [mm]	Y3 [mm]	n					
MBP SHA 180 60	241	1780	220	900	6	600	1800	502	1702	16
MBP SHA 180 80	441	1580	420	800	6	800	1800	702	1702	21.6
MBP SHA 180 100	441	1780	420	900	6	1000	1800	902	1702	27.2
MBP SHA 180 120	641	1580	620	800	6	1200	1800	1102	1702	32.8
MBP SHA 200 40	641	1780	620	900	6	400	2000	302	1902	11.6
MBP SHA 200 60	841	1580	820	800	6	600	2000	502	1902	17.8
MBP SHA 200 80	841	1780	820	900	6	800	2000	702	1902	24.2
MBP SHA 200 100	1041	1580	1020	800	6	1000	2000	902	1902	30.3
MBP SHA 200 120	1041	1780	1020	900	6	1200	2000	1102	1902	36.6

Technical Data SHA

Infill mounting plate

Dimensional drawings



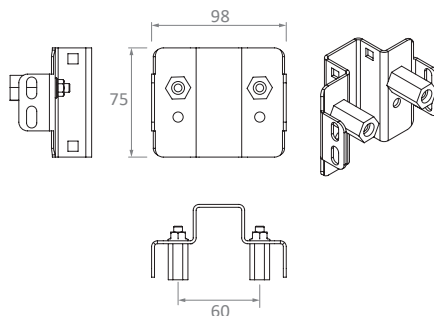
Dimensions

Type	Connection		Height (B) [mm]	Lenght (Y1) [mm]	Weight [kg]
	Y2 [mm]	Y3 [mm]			
IMP SHA 180	780	760	1800	1700	4
IMP SHA 200	860	880	2000	1900	4.8

Technical Data SHA

Infill support (bracket)

Dimensional drawings



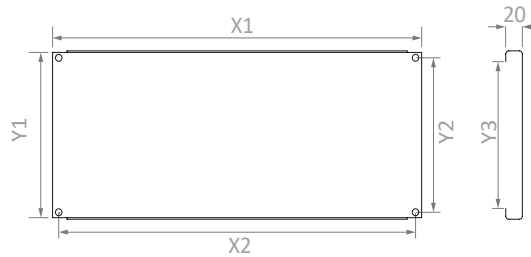
Dimensions

Type	Weight [kg]
ISP SHA	0.2

Technical Data SHA

Partial mounting plate

Dimensional drawings



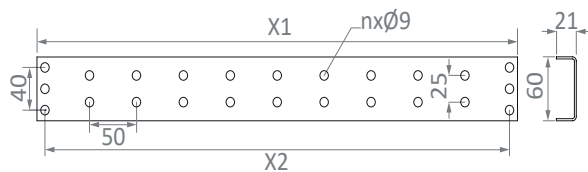
Dimensions

Type	Connection		Width (A) [mm]	Width (X1) [mm]	Lenght (Y1) [mm]	Lenght (Y3) [mm]	Weight [kg]
	X2 [mm]	Y2 [mm]					
PBP SHA 60 16	495	140	600	512	160	130	1.7
PBP SHA 60 22	495	200	600	512	220	190	2.2
PBP SHA 60 28	495	260	600	512	280	250	2.7
PBP SHA 60 36	495	340	600	512	360	330	3.3
PBP SHA 80 16	695	140	800	712	160	130	2.4
PBP SHA 80 22	695	200	800	712	220	190	3.1
PBP SHA 80 28	695	260	800	712	280	250	3.8
PBP SHA 80 36	695	340	800	712	360	330	4.7
PBP SHA 100 16	895	140	1000	912	160	130	3.1
PBP SHA 100 22	895	200	1000	912	220	190	4
PBP SHA 100 28	895	260	1000	912	280	250	4.8
PBP SHA 100 36	895	340	1000	912	360	330	6
PBP SHA 120 16	1095	140	1200	1112	160	130	3.8
PBP SHA 120 22	1095	200	1200	1112	220	190	4.8
PBP SHA 120 28	1095	260	1200	1112	280	250	5.9
PBP SHA 120 36	1095	340	1200	1112	360	330	7.3
PBP SHA 60 10	495	80	600	512	100	70	1
PBP SHA 60 20	495	180	600	512	200	170	2
PBP SHA 60 30	495	280	600	512	300	270	3
PBP SHA 60 40	495	380	600	512	400	370	4
PBP SHA 80 10	695	80	800	712	100	70	2
PBP SHA 80 20	695	180	800	712	200	170	3
PBP SHA 80 30	695	280	800	712	300	270	4
PBP SHA 80 40	695	380	800	712	400	370	5
PBP SHA 100 10	895	80	1000	912	100	70	3
PBP SHA 100 20	895	180	1000	912	200	170	3.5
PBP SHA 100 30	895	280	1000	912	300	270	4
PBP SHA 100 40	895	380	1000	912	400	370	5
PBP SHA 120 10	1095	80	1200	1112	100	70	3.5
PBP SHA 120 20	1095	180	1200	1112	200	170	4.3
PBP SHA 120 30	1095	280	1200	1112	300	270	5
PBP SHA 120 40	1095	380	1200	1112	400	370	6

Technical Data SHA

Partial mounting plate

Dimensional drawings



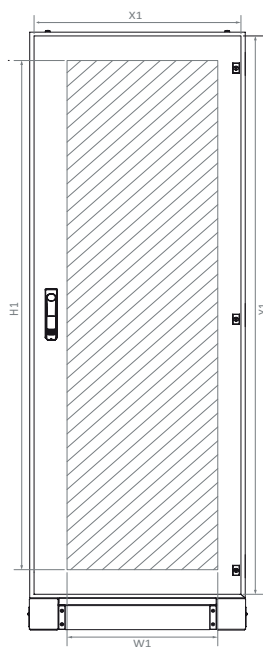
Dimensions

Type	Connection	Width (A) [mm]	Length (X1) [mm]	Weight [kg]
	X2 [mm]			
PBP SHA 60 06	495	600	512	0.7
PBP SHA 80 06	695	800	712	1
PBP SHA 100 06	895	1000	912	1.3
PBP SHA 120 06	1095	1200	1112	1.5

Technical Data SHA

Solid door

Dimensional drawings



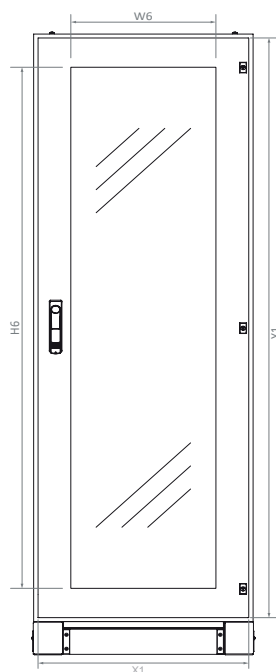
Dimensions

Type	Door	Hinge	Lock Type	Useful Area				Width (A) [mm]	Height (B) [mm]	Wide (X1) [mm]	Lenght (Y1) [mm]	Weight [kg]
				W1 [mm]	W11 [mm]	W12 [mm]	H1 [mm]					
SSD SHA 180 40	1	3	I	220	-	-	1620	400	1800	376	1776	12.9
SSD SHA 200 40	1	3	I	220	-	-	1820	400	2000	376	1976	14.2
SSD SHA 180 60	1	3	I	420	-	-	1620	600	1800	576	1776	15.2
SSD SHA 200 60	1	3	I	420	-	-	1820	600	2000	576	1976	16.5
SSD SHA 180 80	1	3	I	620	-	-	1620	800	1800	776	1776	28.5
SSD SHA 200 80	1	3	I	620	-	-	1820	800	2000	776	1976	31.4
SSD SHA 180 100	2	3+3	I	-	320	320	1620	1000	1800	976	1776	37
SSD SHA 200 100	2	3+3	I	-	320	320	1820	1000	2000	976	1976	40
SSD SHA 180 120	2	3+3	I	-	420	420	1620	1200	1800	1176	1776	41.6
SSD SHA 200 120	2	3+3	I	-	420	420	1820	1200	2000	1176	1976	46.2

Technical Data SHA

Glazed door

Dimensional drawings



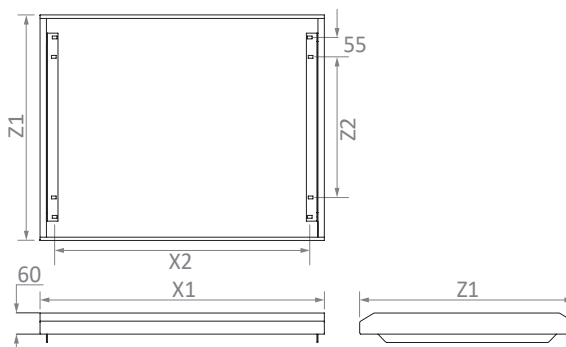
Dimensions

Type	Door	Hinge	Lock Type	Apparent Area		Width (A) [mm]	Height (B) [mm]	Wide (X1) [mm]	Lenght (Y1) [mm]	Weight [kg]
				W1 [mm]	H1 [mm]					
GSD SHA 180 40	1	3	I	197	1597	400	1800	376	1776	12.9
GSD SHA 200 40	1	3	I	197	1797	400	2000	376	1976	14.2
GSD SHA 180 60	1	3	I	397	1597	600	1800	576	1776	15.2
GSD SHA 200 60	1	3	I	397	1797	600	2000	576	1976	16.5
GSD SGA 180 80	1	3	I	597	1597	800	1800	776	1776	28.5
GSD SGA 200 80	1	3	I	597	1797	800	2000	776	1976	31.4

Technical Data SHA

Rain canopy

Dimensional drawings



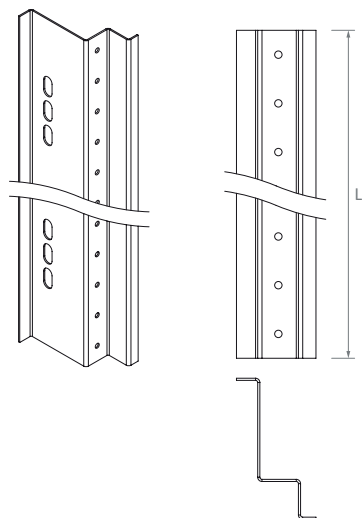
Dimensions

Type	Connection		Width (A) [mm]	Depth (C) [mm]	Wide (X1) [mm]	Lenght (Z1) [mm]	Weight [kg]
	X2 [mm]	Z2 [mm]					
RC SHA 40 40	363	199	400	400	450	440	3
RC SHA 40 60	363	399	400	600	450	640	4.8
RC SHA 40 80	363	599	400	800	450	840	6.5
RC SHA 60 40	563	199	600	400	650	440	4.4
RC SHA 60 60	563	399	600	600	650	640	6.1
RC SHA 60 80	563	599	600	800	650	840	7.9
RC SHA 80 40	763	199	800	400	850	440	5.8
RC SHA 80 60	763	399	800	600	850	640	7.5
RC SHA 80 80	763	599	800	800	850	840	9.3
RC SHA 100 40	963	199	1000	400	1050	440	7.2
RC SHA 100 60	963	399	1000	600	1050	640	8.9
RC SHA 100 80	963	599	1000	800	1050	840	10.6
RC SHA 120 40	1163	199	1200	400	1250	440	8.5
RC SHA 120 60	1163	399	1200	600	1250	640	10.3
RC SHA 120 80	1163	599	1200	800	1250	840	12

Technical Data SHA

Screw type cover plate profiles

Dimensional drawings



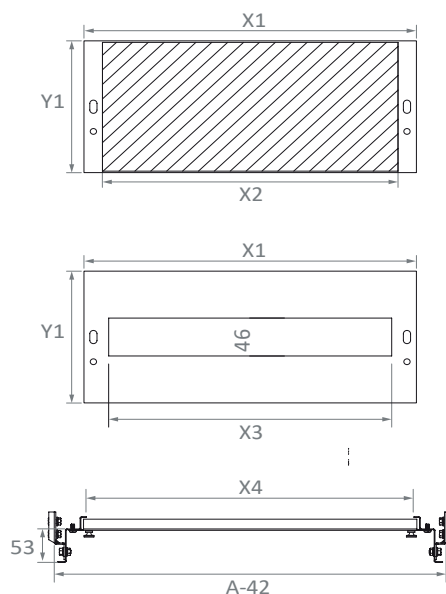
Dimensions

Type	Height (B) [mm]	Length (L) [mm]	Weight [mm]
SC SHA 180 N	1800	1750	2.2
SC SHA 200 N	2000	1950	2.5

Technical Data SHA

Screw type cover plates

Dimensional drawings



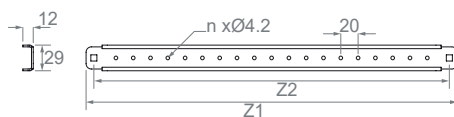
Dimensions

Type	Useful Area			Width (A) [mm]	Lenght		Weight [kg]
	X2 [mm]	X3 [modules]	X4 [mm]		X1 [mm]	Y1 [mm]	
CP SHA 15 60 N	-	22	440	600	516	150	0.5
CP SHA 15 80 N	-	33	640	800	716	150	0.7
CPP SHA 02 60 N	425	-	440	600	516	25	0.5
CPP SHA 10 60 N	425	-	440	600	516	100	0.7
CPP SHA 15 60 N	425	-	440	600	516	150	0.8
CPP SHA 20 60 N	425	-	440	600	516	200	0.9
CPP SHA 30 60 N	425	-	440	600	516	300	1.3
CPP SHA 40 60 N	425	-	440	600	516	400	1.7
CPP SHA 50 60 N	425	-	440	600	516	500	2.2
CPP SHA 02 80 N	625	-	640	800	516	25	0.7
CPP SHA 10 80 N	625	-	640	800	716	100	0.7
CPP SHA 15 80 N	625	-	640	800	716	150	0.8
CPP SHA 20 80 N	625	-	640	800	716	200	0.9
CPP SHA 30 80 N	625	-	640	800	716	300	1.3
CPP SHA 40 80 N	625	-	640	800	716	400	1.7
CPP SHA 50 80 N	625	-	640	800	716	500	2.2
CPP SHA 02 100 N	825	-	840	1000	916	25	0.9
CPP SHA 20 100 N	825	-	840	1000	916	200	1.3
CPP SHA 30 100 N	825	-	840	1000	916	300	1.7
CPP SHA 40 100 N	825	-	840	1000	916	400	2.2
CPP SHA 50 100 N	825	-	840	1000	916	500	2.5
CPP SHA 02 120 N	1025	-	1040	1200	1116	25	1.2
CPP SHA 20 120 N	1025	-	1040	1200	1116	200	1.7
CPP SHA 30 120 N	1025	-	1040	1200	1116	300	2.2
CPP SHA 40 120 N	1025	-	1040	1200	1116	400	2.5
CPP SHA 50 120 N	1025	-	1040	1200	1116	500	2.9

Technical Data SHA

Infill depth profiles

Dimensional drawings



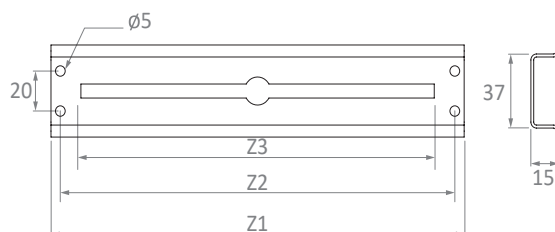
Dimensions

Type	Connection		Depth (C) [mm]	Length (Z1) [mm]	Weight [kg]
	Z2 [mm]	n			
IP SHA 40	211	9	400	228	0.3
IP SHA 60	411	19	600	428	0.6
IP SHA 80	611	29	800	628	0.9

Technical Data SHA

Side rails

Dimensional drawings



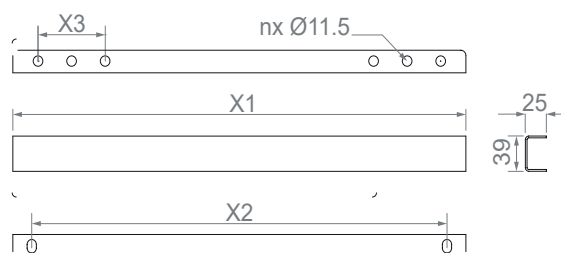
Dimensions

Type	Connection		Depth (C) [mm]	Length (Z1) [mm]	Weight [kg]
	Z2 [mm]	Z3 [mm]			
SR SHA 40	211	192	400	224	0.2
SR SHA 60	411	392	600	424	0.4
SR SHA 80	611	592	800	624	0.6

Technical Data SHA

U profile

Dimensional drawings



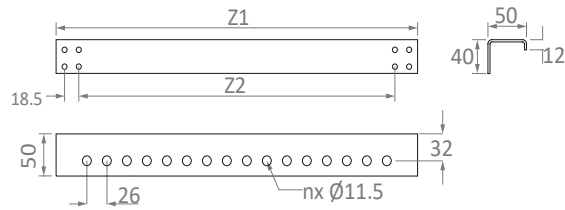
Dimensions

Type	Connection			Width (A) [mm]	Length (Z1) [mm]	Weight [kg]
	X2 [mm]	X3 [mm]	n			
UP SHA 60	495	80	6	600	540	0.9
UP SHA 80	695	80	6	800	740	1.2
UP SHA 1000	895	80	6	1000	940	1.5
UP SHA 1200	1095	80	6	1200	1140	1.8

Technical Data SHA

Busbar & depth profiles

Dimensional drawings



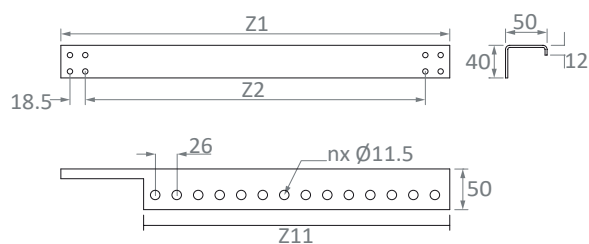
Dimensions

Type	Connection		Depth (C) [mm]	Lenght (Z1) [mm]	Weight [kg]
	Z2 [mm]	n			
BB SHA 40	211	8	400	270	0.4
BB SHA 60	411	16	600	470	0.8
BB SHA 80	611	24	800	670	1.2

Technical Data SHA

Notched busbar & depth profile

Dimensional drawings



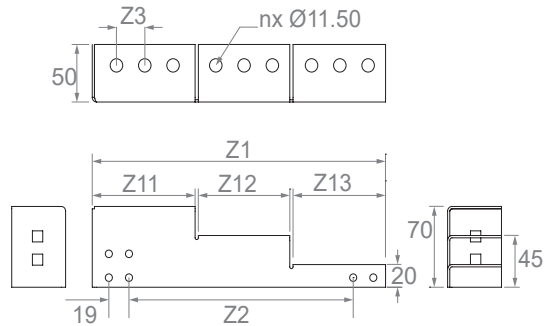
Dimensions

Type	Connection			Depth (C) [mm]	Lenght (Z1) [mm]	Weight [kg]
	Z11 [mm]	Z2 [mm]	n			
NBL SHA 40	170	211	6	400	270	0.4
NBR SHA 40	170	211	6	400	270	0.4
NBL SHA 60	370	411	14	600	470	0.7
NBR SHA 60	370	411	14	600	470	0.7
NBL SHA 80	570	611	22	800	670	1.1
NBR SHA 80	570	611	22	800	670	1.1

Technical Data SHA

Ladder busbar profiles

Dimensional drawings



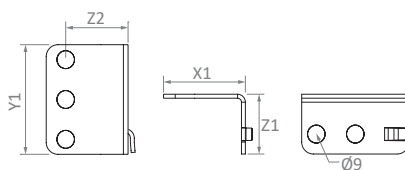
Dimensions

Type	Connection						Depth (C) [mm]	Length (Z1) [mm]	Weight [kg]
	Z11 [mm]	Z12 [mm]	Z13 [mm]	Z2 [mm]	Z3 [mm]	n			
LBL SHA 40	85	85	92	211	26	3	400	270	0.7
LBR SHA 40	85	85	92	211	26	3	400	270	0.7
LBL SHA 60	155	155	152	411	26	4	600	470	0.9
LBR SHA 60	155	155	152	411	26	4	600	470	0.9
LBL SHA 80	220	225	217	611	26	7	800	670	1
LBR SHA 80	220	225	217	611	26	7	800	670	1

Technical Data SHA

L brackets

Dimensional drawings



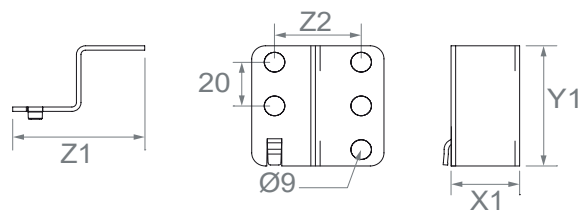
Dimensions

Type	Lenght			Connection	Weight [kg]
	X1 [mm]	Y1 [mm]	Z1 [mm]	Z2 [mm]	
LBL SHA 42 30	42	55	50	32	0.1
LBR SHA 42 30	42	55	50	32	0.1
LBL SHA 42 50	42	55	50	32	0.1
LBR SHA 42 50	42	55	50	32	0.1
LBL SHA 42 90	42	55	50	32	0.1
LBR SHA 42 90	42	55	50	32	0.1

Technical Data SHA

Z Brackets

Dimensional drawings



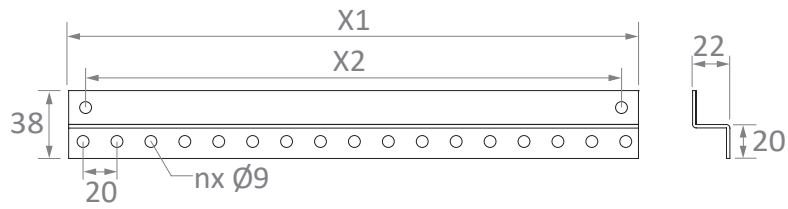
Dimensions

Type	Lenght			Connection	Weight [kg]
	X1 [mm]	Y1 [mm]	Z1 [mm]	Z2 [mm]	
ZBL SHA 30 30	30	55	58	38	0.1
ZBR SHA 30 30	30	55	58	38	0.1

Technical Data SHA

Z profile

Dimensional drawings



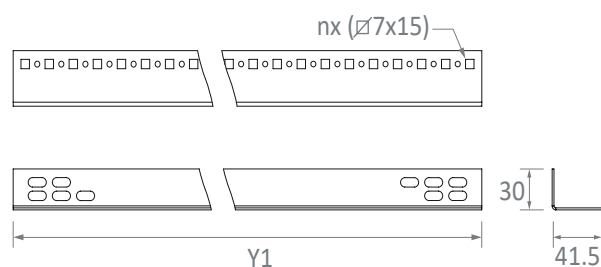
Dimensions

Type	Connection		Width (A) [mm]	Length (X1) [mm]	Weight [kg]
	X2 [mm]	n			
ZP SHA 40	295	16	400	312	0.1
ZP SHA 60	495	26	600	512	0.1
ZP SHA 80	695	36	800	712	0.1
ZP SHA 100	895	49	1000	912	0.2
ZP SHA 120	1095	66	1200	1112	0.2

Technical Data SHA

L profile

Dimensional drawings



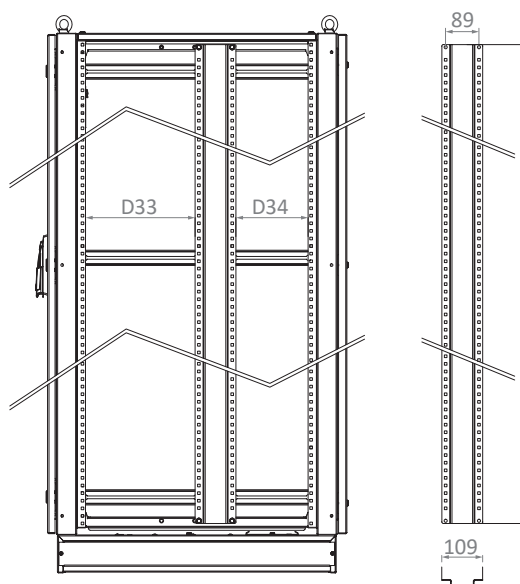
Dimensions

Type	Connection	Lenght (Y1) [mm]	Lenght (X1) [mm]	Weight [kg]
	n			
LP SHA 180	82	1800	1640	1.3
LP SHA 200	92	2000	1840	1.5

Technical Data SHA

Depth partition profile

Dimensional drawings



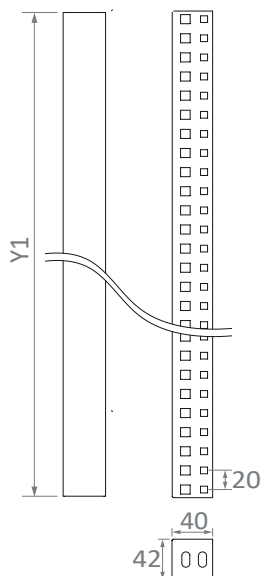
Dimensions

Type	C = 800mm for Useful Area		C = 1000mm for Useful Area		Height (B) [mm]	Lenght (Y1) [mm]	Weight [kg]
	D33 [mm]	D34 [mm]	D33 [mm]	D34 [mm]			
DPP SHA 180 N	193/293	293/193	293/393	393/293	1800	1740	3.6
DPP SHA 200 N	193/293	293/193	293/393	393/293	2000	1940	4.6

Technical Data SHA

Partition profile

Dimensional drawings



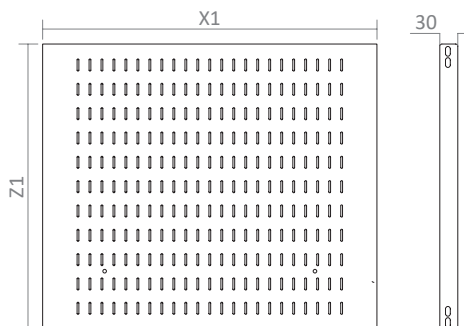
Dimensions

Type	Width (A) [mm]	Height (B) [mm]	Lenght (Y1) [mm]	Weight [kg]
PP SHA 180	1800	1800	1754	2.1
PP SHA 200	2000	2000	1954	2.3

Technical Data SHA

Adjustable shelves

Dimensional drawings



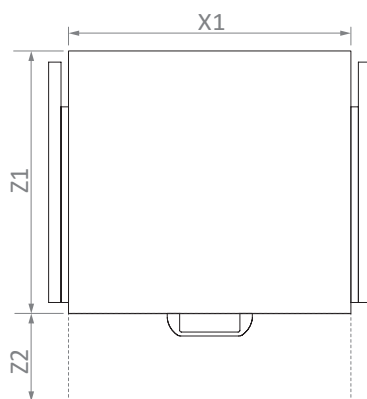
Dimensions

Type	Lenght		Width (A) [mm]	Depth (C) [mm]	Weight [kg]
	X1 [mm]	Z1 [mm]			
AS SHA 60 40	560	270	600	400	2.4
AS SHA 60 60	560	470	600	600	3.8
AS SHA 60 80	560	670	600	800	5.1
AS SHA 80 40	760	270	800	400	3.1
AS SHA 80 60	760	470	800	600	4.9
AS SHA 80 80	760	670	800	800	6.6

Technical Data SHA

Pull out shelves

Dimensional drawings



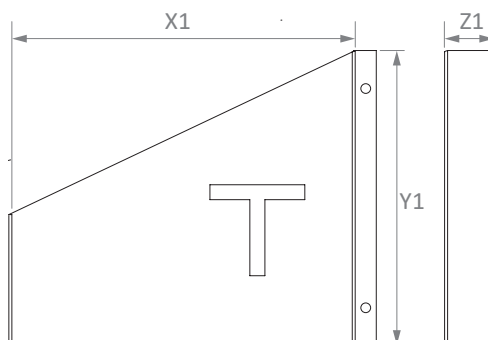
Dimensions

Type	Extension	Width (A) [mm]	Depth (C) [mm]	Wide (X1) [mm]	Lenght (Z1) [mm]	Loading capacity [kg]	Weight [kg]
	Z2 [mm]						
POL SHA 60 40	200	600	400	490	235	30	2
POL SHA 60 60	400	600	600	490	435	30	3.2
POL SHA 60 80	600	600	800	490	35	30	4.5
POL SHA 80 40	200	800	400	690	235	30	2.6
POL SHA 80 60	400	800	600	690	435	30	4.4
POL SHA 80 80	600	800	800	690	635	30	6.2

Technical Data SHA

Plan pockets

Dimensional drawings



Dimensions

Type	Length			Width (A) [mm]	Weight [kg]
	X1	Y1 [mm]	Z1 [mm]		
PP SHA A4	A4	200	30	All Dimensions	0.4
PP SHA A3	A3	240	60	600/1200	1.9
PP SHA A3A	A3	240	60	800	2.6

Technical Data SHA

Laptop tray

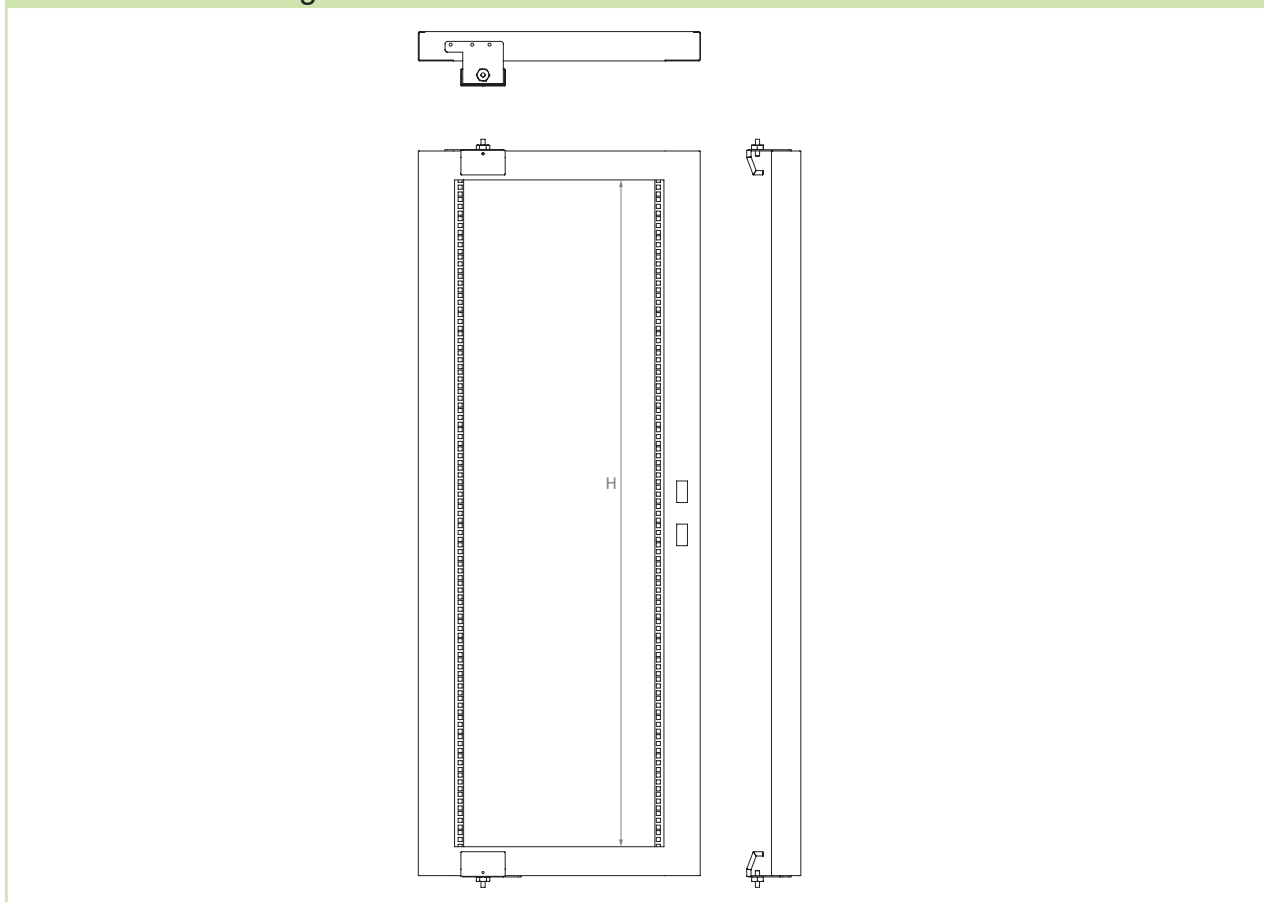
Dimensions

Type	Width (A) [mm]	Weight [kg]
LT SHA 60	600/1200	2.3
LT SHA 80	800	3.2
LT SHA 100	1000	2.1

Technical Data SHA

Swing frame

Dimensional drawings



Dimensions

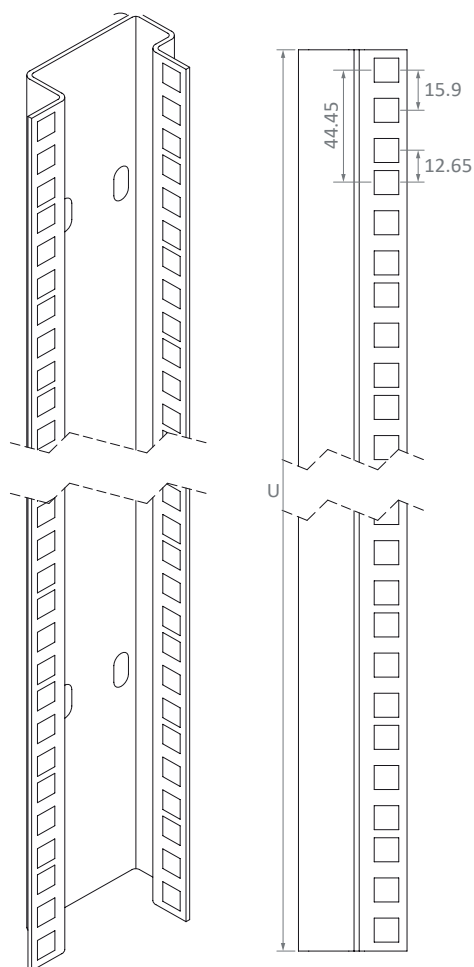
Type	Swing Frame (H)	Width (A) [mm]	Height (B) [mm]
SF SHA 60 36U	36U	600	1800
SF SHA 60 40U	40U	600	2000
SF SHA 80 36U	36U	800	1800
SF SHA 80 40U	40U	800	2000

*1U = 44.45 mm

Technical Data SHA

19" Profiles

Dimensional drawings



Dimensions

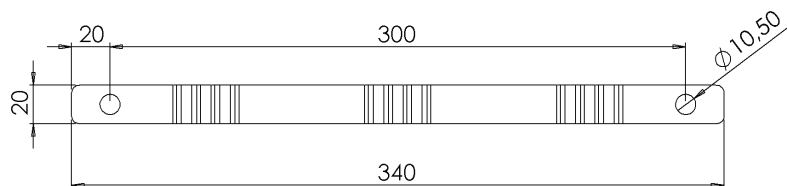
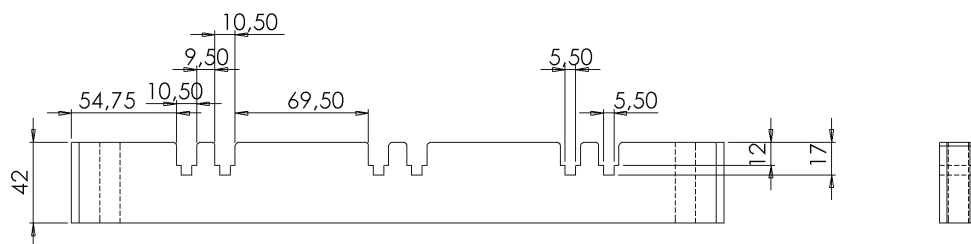
Type	Height (B) [mm]	Length
CP SHA 180 39U	1800	39U
CP SHA 200 43U	2000	44U

*1U = 44.45 mm

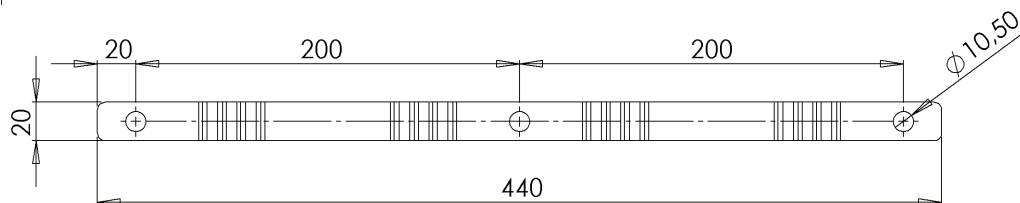
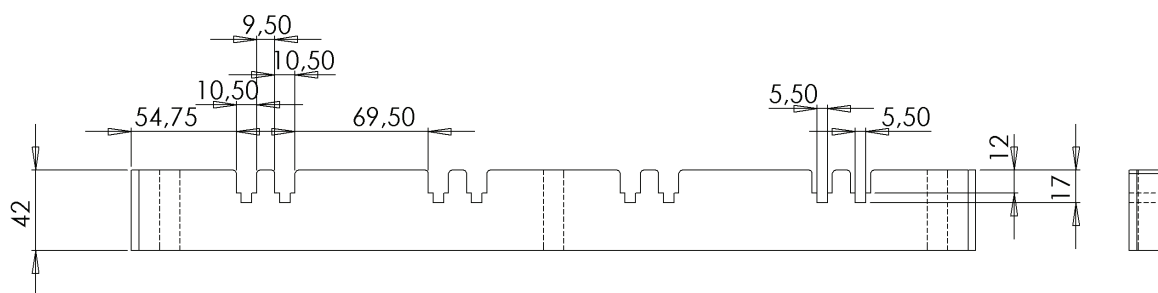
Technical Data SHA

Busbar support

Dimensional drawings



BBS SHA 3P



BBS SHA 4P