

Electrical installation solutions for buildings – Technical details

Consumer units

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Consumer units technical details

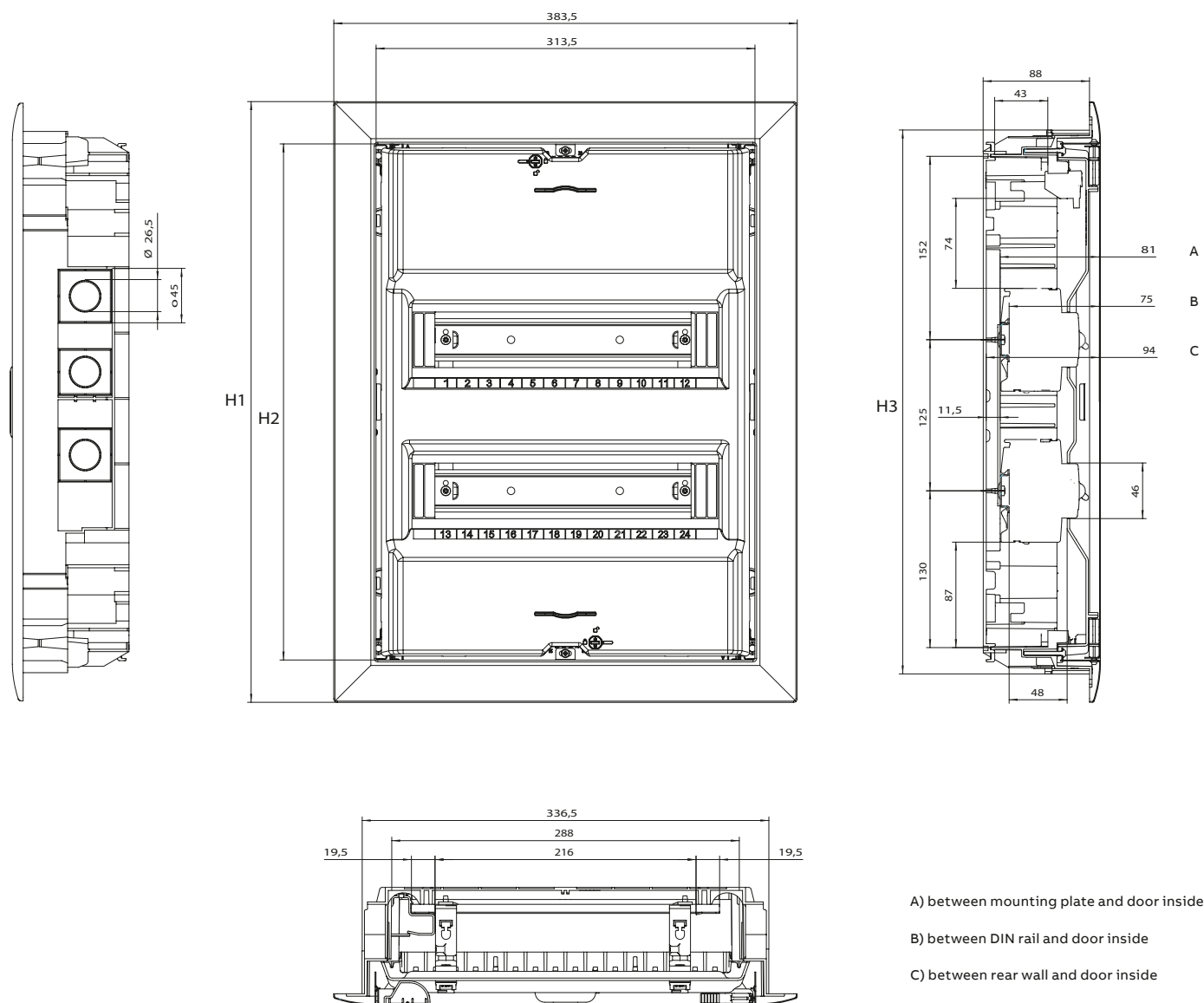
UK600 Series

UK600 IP30 Flush & hollow wall mounting consumer units

Codes	UK61...	UK62...	UK63...	UK64...	UK66...
Number of Modules	12	24	36	48	60
Colour	RAL 9016 white	RAL 9016 white	RAL 9016 white	RAL 9016 white	RAL 9016 white
Without door	YES	YES	YES	YES	YES
With opaque door	YES	YES	YES	YES	YES
With transparent door	NO	NO	NO	NO	NO
Double Insulation	YES	YES	YES	YES	YES
Resistance to Heat	GWT 850 °C	GWT 850 °C	GWT 850 °C	GWT 850 °C	GWT 850 °C
Type of Material	Thermo-plastic, Sheet steel	Thermo-plastic, Sheet steel	Thermo-plastic, Sheet steel	Thermo-plastic, Sheet steel	Thermo-plastic, Sheet steel
Shock Resistance	2 Joule (IK 07)	2 Joule (IK 07)	2 Joule (IK 07)	2 Joule (IK 07)	2 Joule (IK 07)
Installation Temperature	-5 °C ÷ +40 °C	-5 °C ÷ +40 °C	-5 °C ÷ +40 °C	-5 °C ÷ +40 °C	-5 °C ÷ +40 °C
Protection degree	IP 30	IP 30	IP 30	IP 30	IP 30
Maximum current	63 A	63 A	63 A	63 A	63 A
Max Dissipation Power	31 W	45 W	54 W	62 W	69 W
Cable Holding System by hollow wall mounting	YES	YES	YES	YES	YES
Designed for Input	push and stay design	push and stay design	push and stay design	push and stay design	push and stay design
Extractable Frame	YES	YES	YES	YES	YES
Media Enclosures	NO	YES	YES	YES	YES

Consumer units technical details

UK600 Series

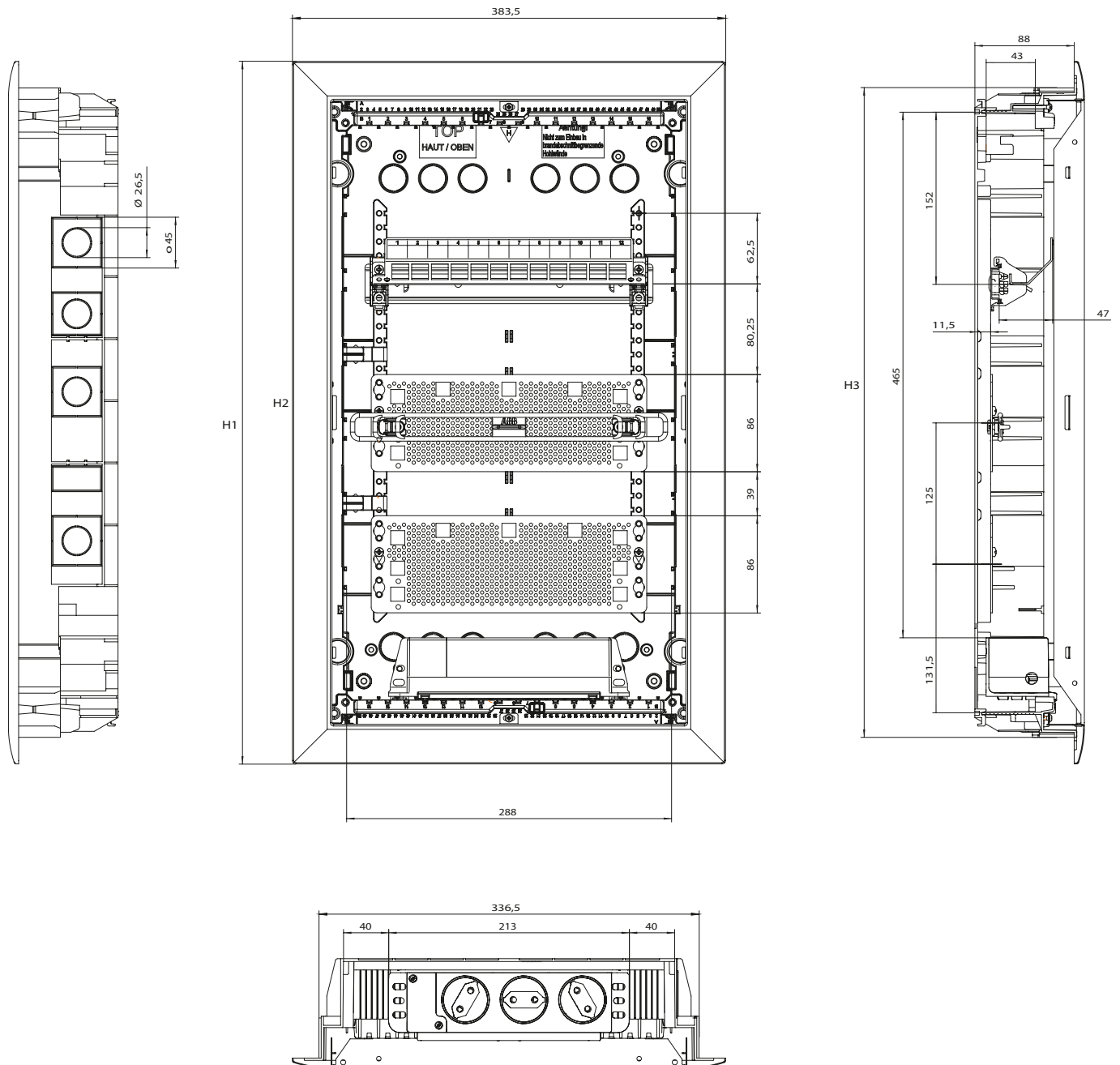


- A) between mounting plate and door inside
- B) between DIN rail and door inside
- C) between rear wall and door inside

Type	Allowed power loss Pzul according to DIN 43671 (W)			Max. output capacity P de in accordance with DIN VDE 60670-24 (W)	Dimensions in mm		
	20KΔT	25KΔT	30KΔT		H1	H2	H3
UK61..	10.0	13.0	16.0	31.0	372	302	325
UK62..	11.5	15.0	19.0	45.0	497	427	450
UK63..	14.5	19.0	24.0	54.0	622	552	575
UK64..	16.5	21.5	27.0	62.0	747	677	700
UK66..				69.0	872	802	825

Consumer units technical details

UK600 Series – Media enclosure

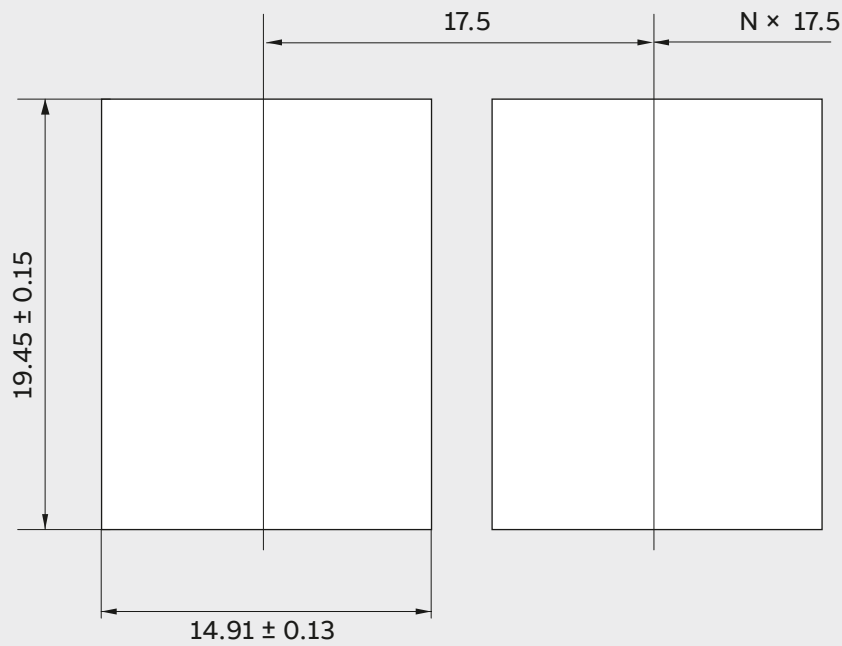


Type	Allowed power loss P _{zul} according to DIN 43671 (W)			Max. output capacity P _{de} in accordance with DIN VDE 60670-24 (W)	Dimensions in mm		
	20KΔT	25KΔT	30KΔT		30KΔT	H1	H2
UK62..	11.5	15.0	19.0	100.0	497	427	450
UK63..	14.5	19.0	24.0	114.0	622	552	575
UK64..	16.5	21.5	27.0	133.0	747	677	700
UK65..				155.0	872	802	825
UK66..							

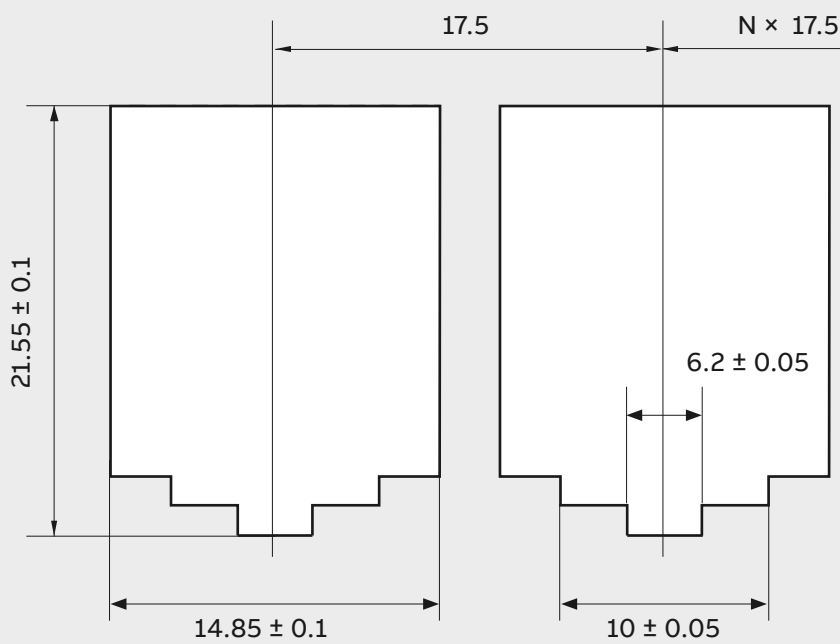
Consumer units technical details

Dimensions of the knockouts for the Keystone- and E-Dat-modules

Patch panel Keystone

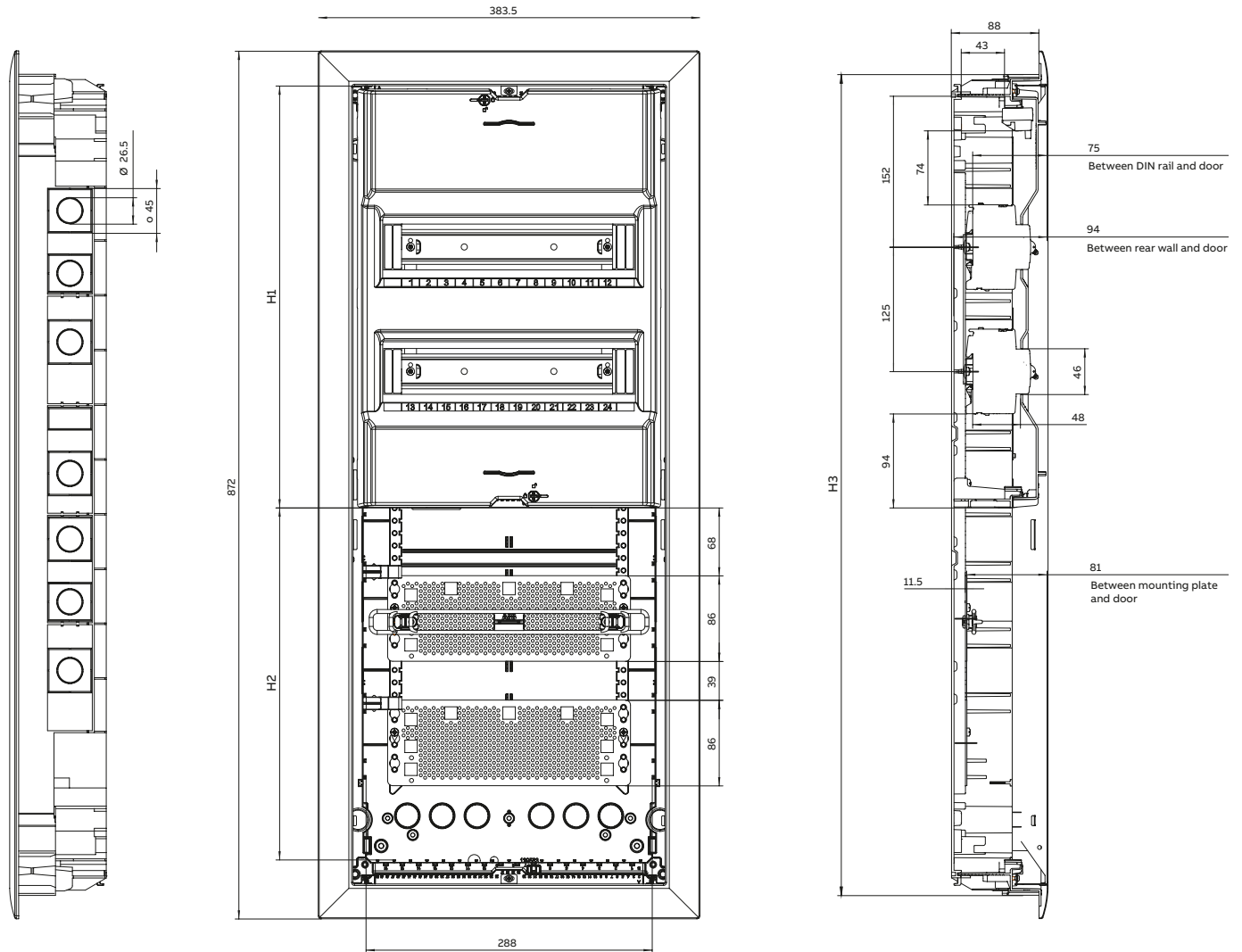


Patch panel E-Dat



Consumer units technical details

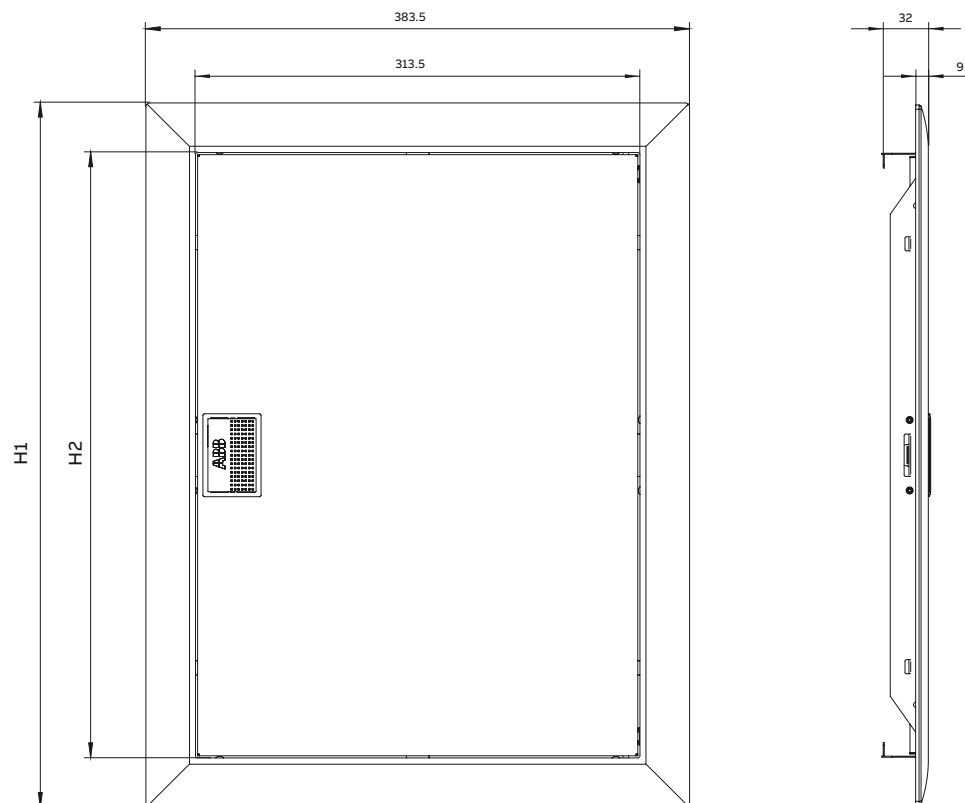
UK600 Series – Combi enclosure



Type	Allowed power loss P _{zul} according to DIN 43671 (W)			Max. output capacity P _{de} in accordance with DIN VDE 60670-24 (W)	Dimensions in mm		
	20KΔT	25KΔT	30KΔT		H1	H2	H3
UK662CV				78.0	424	353	825
UK665CV				73.0	549	228	825
UK662CW				75.0	424	353	825
UK665CW				71.0	549	228	825

Consumer units technical details

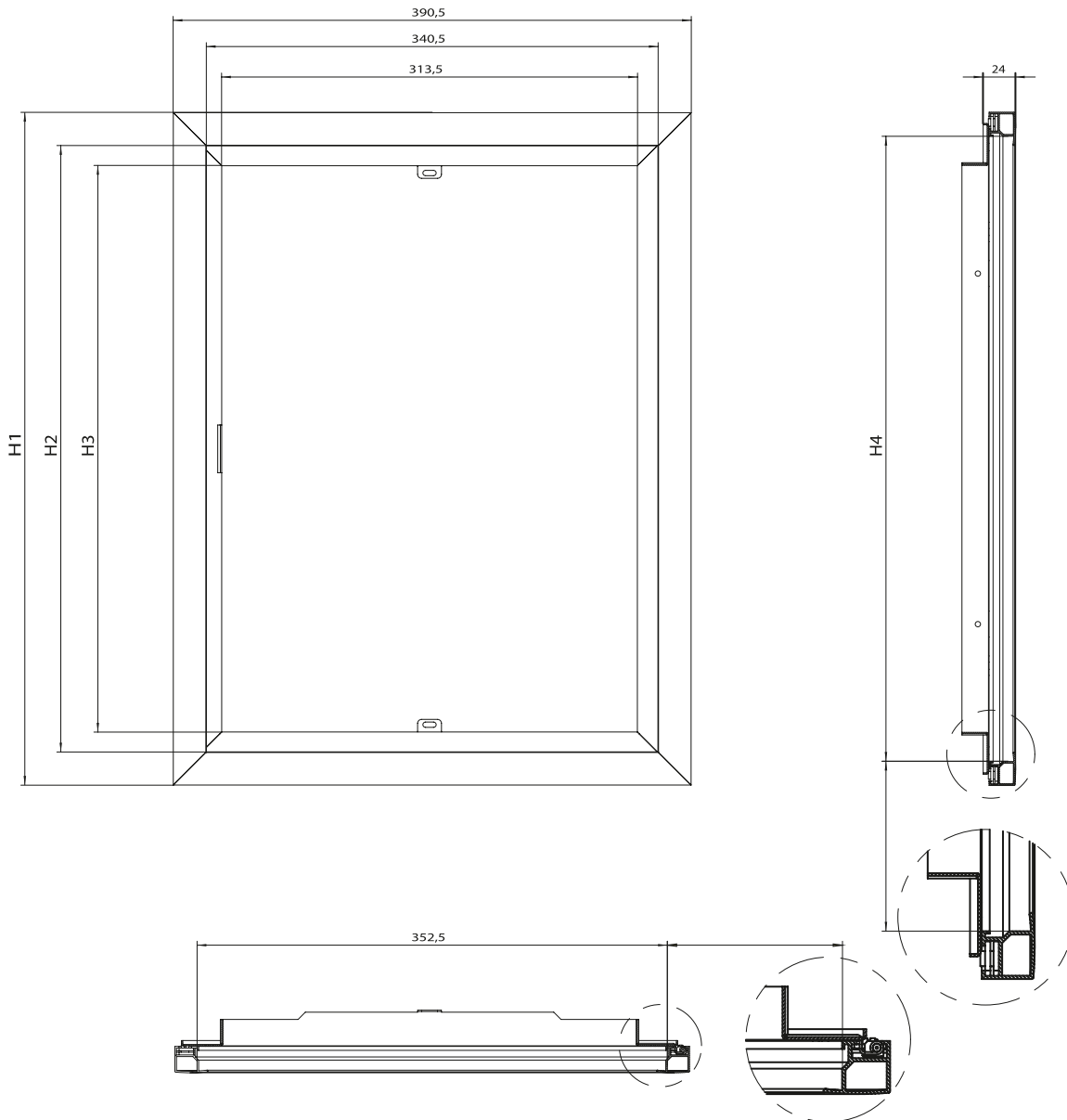
UK600 Series – Trim frame and door



Type	Dimensions in mm	
	H1	H2
BL610	302	372
BL620	497	427
BL630	622	552
BL640	747	677
BL650	872	802

Consumer units technical details

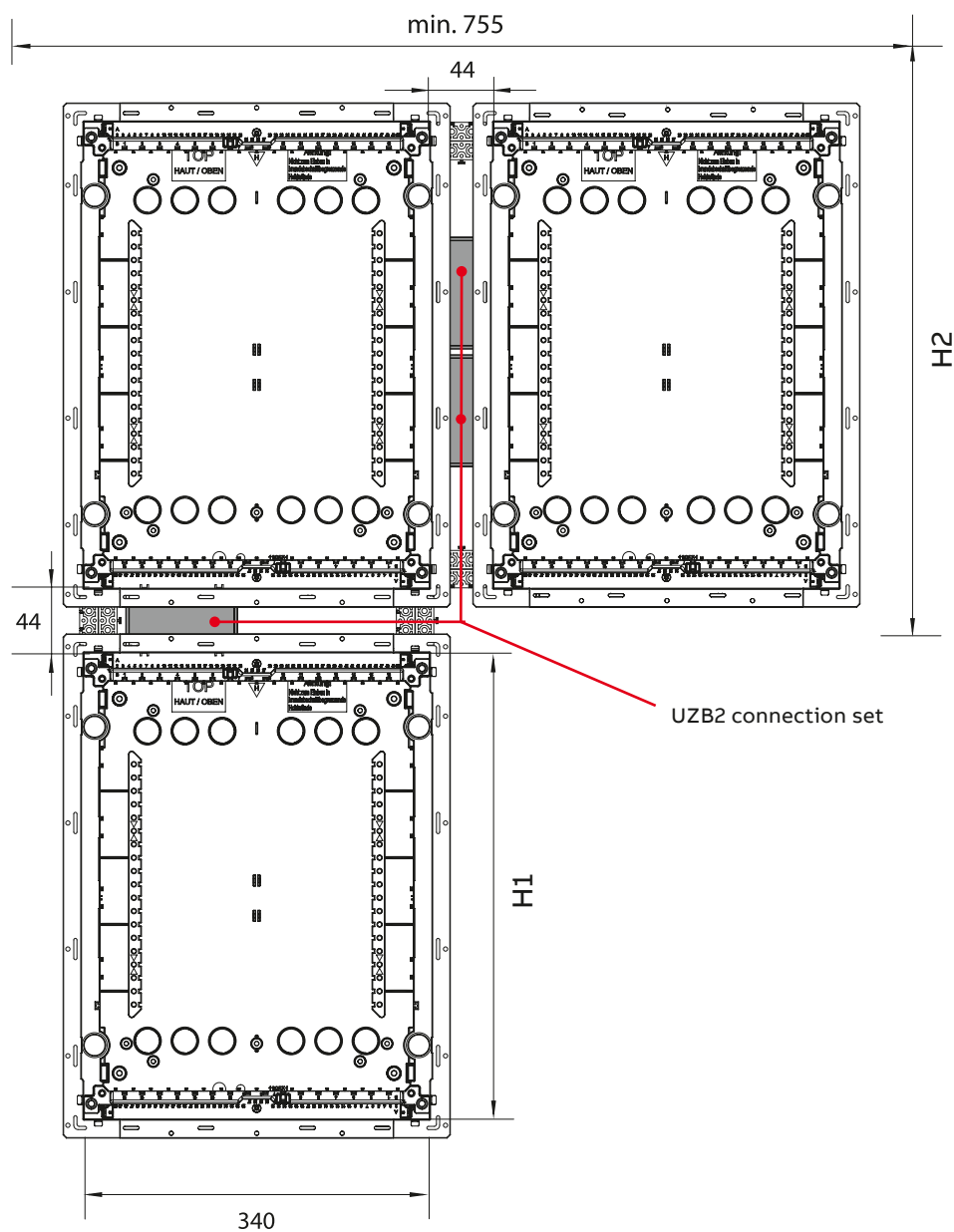
UK600 Series – Interchangeable design frame



Type	Dimensions in mm				Technical specifications LED panel			
	H1	H2	H3	H4	Type	U	P	Colour temperature
BL520D	507	457	427	469	UZD624	12V DC	9.60 W	4200 K
BL630D	632	582	552	594	UZD634	12V DC	13.20 W	4200 K
BL640D	757	707	677	719	UZD644	12V DC	15.60 W	4200 K
BL650D	882	832	802	844	UZD654	12V DC	19.60 W	4200 K

Consumer units technical details

UK600 Series



Type	Dimensions in mm	
	Niche dimensions brick wall H1	Wall cut out hollow wal H2
UK61...	355	328
UK62...	480	453
UK63...	605	578
UK64...	730	703
UK65...	855	828
UK66...		

Consumer units technical details

MISTRAL41F/41W

Table of resistance to chemical agents

	Cold water	Hot water	Sulphuric acid	Hydrochloric acid	Acetic acid	Petroleum	Benzine	Acetone	Ethyl alcohol	Ammonia	Dichloromethane	Diesel oil - Naptha	Mineral oil	Food oils	Tetrachloroethylene	Trichloroethylene	Ether	Ozone	Toluene	Methyl alcohol	Alcohol	Milk	Fruit juices	Fluorocarbons	Deterives	Detergents	Potassium nitrate	Hydrogen peroxide
MISTRAL41F – Flush-mounted	■	■	□	●	■	●	●	●	□	■	●	□	■	■	●	●	●	■	●	□	■	■	■	●	■	■	□	■
MISTRAL41W – Wall-mounted	■	■	□	●	■	●	●	●	□	■	●	□	■	■	●	●	●	■	●	□	■	■	■	●	■	■	□	■

■ resistant □ partially resistant ● non resistant

Consumer units technical details

MISTRAL41F/41W

MISTRAL41F – Technical details

Codes	1SLM004101A1202	1SLM004101A1203	1SLM004101A1204	1SLM004101A1205		
	1SLM004100A1100	1SLM004100A1101	1SLM004100A1102	1SLM004100A1103		
	1SLM004100A1200	1SLM004100A1201	1SLM004100A1202	1SLM004100A1203		
Number of modules	4	6	8	12	18	24
Dimensions (W x H x D) in mm	152 x 202 x 105	192 x 202 x 105	232 x 250 x 108	320 x 250 x 108	430 x 250 x 108	320 x 435 x 108
Colour	RAL 9016 white	RAL 9016 white	RAL 9016 white	RAL 9016 white	RAL 9016 white	RAL 9016 white
Door type	Transparent / opaque	Transparent / opaque	Transparent / opaque	Transparent / opaque	Transparent / opaque	Transparent / opaque
Protection class	II □	II □	II □	II □	II □	II □
Fire resistance	GWT 650 °C	GWT 650 °C	GWT 650 °C	GWT 650 °C	GWT 650 °C	GWT 650 °C
Material	Thermoplastic	Thermoplastic	Thermoplastic	Thermoplastic	Thermoplastic	Thermoplastic
Resistance to mechanical impacts	IK08	IK08	IK08	IK08	IK08	IK08
Reference standard	IEC 60670	IEC 60670	IEC 60670	IEC 60670	IEC 60670	IEC 60670
Installation temperature	-15°C / + 60 °C	-15°C / + 60 °C	-15°C / + 60 °C	-15°C / + 60 °C	-15°C / + 60 °C	15°C / + 60 °C
Resistance to heat	BPT 70°C	BPT 70 °C	BPT 70 °C	BPT 70 °C	BPT 70 °C	BPT 70 °C
IP rating	IP41	IP41	IP41	IP41	IP41	IP41
Max. dissipation power	11 W	14 W	18 W	22 W	27 W	41 W
Extractable frame	Yes	Yes	Yes	Yes	Yes	Yes
Maximum current	63A	63 A	63 A	63 A	125 A	63 A
DIN rail centre distance	-	-	-	-	-	150 mm
Halogen free	Yes	Yes	Yes	Yes	Yes	Yes
Cable entry	Knockout	Knockout	Flange multi pre-cuts	Flange multi pre-cuts	Flange multi pre-cuts	Flange multi pre-cuts

Codes	1SLM004101A1206	1SLM004101A1207	1SLM004101A1208	1SLM004101A1209	1SLM004101A1210
	1SLM004100A1106	1SLM004100A1107	1SLM004100A1108	1SLM004100A1109	1SLM004100A1110
	1SLM004100A1206	1SLM004100A1207	1SLM004100A1208	1SLM004100A1209	1SLM004100A1210
Number of modules	36 (2 x 18)	36 (3 x 12)	48	54	72
Dimensions (W x H x D) in mm	430 x 435 x 108	320 x 600 x 108	320 x 735 x 108	430 x 600 x 128	430 x 735 x 128
Colour	RAL 9016 white	RAL 9016 white	RAL 9016 white	RAL 9016 white	RAL 9016 white
Door type	Transparent / opaque	Transparent / opaque	Transparent / opaque	Transparent / opaque	Transparent / opaque
Protection class	II □	II □	II □	II □	II □
Fire resistance	GWT 650 °C	GWT 650 °C	GWT 650 °C	GWT 650 °C	GWT 650 °C
Material	Thermoplastic	Thermoplastic	Thermoplastic	Thermoplastic	Thermoplastic
Resistance to mechanical impacts	IK08	IK08	IK08	IK08	IK08
Reference standard	IEC 60670	IEC 60670	IEC 60670	IEC 60670	IEC 60670
Installation temperature	-15°C / + 60 °C	15°C / + 60 °C	-15°C / + 60 °C	-15°C / + 60 °C	-15°C / + 60 °C
Resistance to heat	BPT 70 °C	BPT 70 °C	BPT 70 °C	BPT 70 °C	BPT 70 °C
IP rating	IP41	IP41	IP41	IP41	IP41
Max. dissipation power	47 W	50 W	59 W	59 W	82 W
Extractable frame	Yes	Yes	Yes	Yes	Yes
Maximum current	125 A	100 A	100 A	125 A	125 A
DIN rail centre distance	150 mm	150 mm	150 mm	150 mm	150 mm
Halogen free	Yes	Yes	Yes	Yes	Yes
Cable entry	Flange multi pre-cuts	Flange multi pre-cuts	Flange multi pre-cuts	Flange multi pre-cuts	Flange multi pre-cuts

Note: the versions with box and frontal splitted have the same characteristics of standard product

Consumer units technical details

MISTRAL41F/41W

MISTRAL41F & Multimedia – Technical details

Codes	1SLM004100A1300	1SLM004100A1301	1SLM004100A1302	1SLM004100A1303	1SLM004100A1304	1SLM004100A1305
	1SLM004100A1400	1SLM004100A1401	1SLM004100A1402	1SLM004100A1403	1SLM004100A1404	1SLM004100A1405
						1SLM004100A6305
Number of modules	4	6	8	12	18	24
Dimensions (W x H x D) in mm	152 x 202 x 105	192 x 202 x 105	232 x 250 x 108	320 x 250 x 108	430 x 250 x 108	320 x 435 x 108
Colour	RAL 9016 white	RAL 9016 white	RAL 9016 white	RAL 9016 white	RAL 9016 white	RAL 9016 white
Door type	Transparent / opaque	Transparent / opaque	Transparent / opaque	Transparent / opaque	Transparent / opaque	Transparent / opaque
Protection class	II □	II □	II □	II □	II □	II □
Fire resistance	GWT 850 °C	GWT 850 °C	GWT 850 °C	GWT 850 °C	GWT 850 °C	GWT 850 °C
Material	Thermoplastic	Thermoplastic	Thermoplastic	Thermoplastic	Thermoplastic	Thermoplastic
Resistance to mechanical impacts	IK08	IK08	IK08	IK08	IK08	IK08
Reference standard	IEC 60670	IEC 60670	IEC 60670	IEC 60670	IEC 60670	IEC 60670
Installation temperature	-15°C / + 60 °C	-15°C / + 60 °C	-15°C / + 60 °C	-15°C / + 60 °C	-15°C / + 60 °C	15°C / + 60 °C
Resistance to heat	BPT 70 °C	BPT 70 °C	BPT 70 °C	BPT 70 °C	BPT 70 °C	BPT 70 °C
IP rating	IP41	IP41	IP41	IP41	IP41	IP41
Max. dissipation power	11 W	14 W	18 W	22 W	27 W	41 W (Multimedia 61 W)
Extractable frame	Yes	Yes	Yes	Yes	Yes	Yes
Maximum current	63 A	63 A	63 A	63 A	125 A	63 A
DIN rail centre distance	–	–	–	–	–	150 mm
Halogen free	Yes	Yes	Yes	Yes	Yes	Yes
Cable entry	Flange with knockouts	Flange with knockouts	Flange with knockouts	Flange with knockouts	Flange with knockouts	Flange with knockouts

Codes	1SLM004100A1306	1SLM004100A1307	1SLM004100A1308	1SLM004100A1309	1SLM004100A1310
	1SLM004100A1406	1SLM004100A1407	1SLM004100A1408	1SLM004100A1409	1SLM004100A1410
					1SLM004100A6307
					1SLM004100A6309
Number of modules	36 (2 x 18)	36 (3 x 12)	48	54	72
Dimensions (W x H x D) in mm	430 x 435 x 108	320 x 600 x 108	320 x 735 x 108	430 x 600 x 128	430 x 735 x 128
Colour	RAL 9016 white	RAL 9016 white	RAL 9016 white	RAL 9016 white	RAL 9016 white
Door type	Transparent / opaque	Transparent / opaque	Transparent / opaque	Transparent / opaque	Transparent / opaque
Protection class	II □	II □	II □	II □	II □
Fire resistance	GWT 850 °C	GWT 850 °C	GWT 850 °C	GWT 850 °C	GWT 850 °C
Material	Thermoplastic	Thermoplastic	Thermoplastic	Thermoplastic	Thermoplastic
Resistance to mechanical impacts	IK08	IK08	IK08	IK08	IK08
Reference standard	IEC 60670	IEC 60670	IEC 60670	IEC 60670	IEC 60670
Installation temperature	-15°C / + 60 °C	15°C / + 60 °C	-15°C / + 60 °C	-15°C / + 60 °C	-15°C / + 60 °C
Resistance to heat	BPT 70 °C	BPT 70 °C	BPT 70 °C	BPT 70 °C	BPT 70 °C
IP rating	IP41	IP41	IP41	IP41	IP41
Max. dissipation power	47 W	50 W (Multimedia 63 W)	59 W	59 W (Multimedia 74 W)	82 W
Extractable frame	Yes	Yes	Yes	Yes	Yes
Maximum current	125 A	100 A	100 A	125 A	125 A
DIN rail centre distance	150 mm	150 mm	150 mm	150 mm	150 mm
Halogen free	Yes	Yes	Yes	Yes	Yes
Cable entry	Flange with knockouts	Flange with knockouts	Flange with knockouts	Flange with knockouts	Flange with knockouts

Note: the versions with box and frontal splitted have the same characteristics of standard product

Consumer units technical details

MISTRAL41F/41W

MISTRAL41W & Multimedia – Technical details

Codes	1SPE007717F0200	1SPE007717F0300	1SPE007717F0400	1SPE007717F0800	1SPE007717F0500	
	1SPE007717F0210	1SPE007717F0310	1SPE007717F0410	1SPE007717F0810	1SPE007717F0510	
	1SPE007717F0100	1SPE007717F0220	1SPE007717F0320	1SPE007717F0420	1SPE007717F0820	1SPE007717F0520
	1SLM004100A7105					
Number of modules	2	4	8	12	18	24
Dimensions (W x H x D) in mm	68 x 210 x 93	96 x 210 x 93	202 x 257 x 120	292 x 257 x 120	382 x 257 x 120	292 x 382 x 120
Colour	RAL 9016 white	RAL 9016 white	RAL 9016 white	RAL 9016 white	RAL 9016 white	RAL 9016 white
Door type	No door	No door / transparent / opaque	No door / transparent / opaque	No door / transparent / opaque	No door / transparent / opaque	No door / transparent / opaque
Protection class	II □	II □	II □	II □	II □	II □
Fire resistance	GWT 650 °C	GWT 650 °C	GWT 650 °C	GWT 650 °C	GWT 650 °C	GWT 650 °C
Material	Thermoplastic	Thermoplastic	Thermoplastic	Thermoplastic	Thermoplastic	Thermoplastic
Resistance to mechanical impacts	IK08	IK08	IK08	IK08	IK08	IK08
Reference standard	IEC 60670	IEC 60670	IEC 60670	IEC 60670	IEC 60670	IEC 60670
Installation temperature	-15 °C / + 60 °C	-15 °C / + 60 °C	-15 °C / + 60 °C	-15 °C / + 60 °C	-15 °C / + 60 °C	15 °C / + 60 °C
Resistance to heat	BPT 70 °C	BPT 70 °C	BPT 70 °C	BPT 70 °C	BPT 70 °C	BPT 70 °C
IP rating	IP41	IP41	IP41	IP41	IP41	IP41
Max. dissipation power	9,2W	9,3 W	17,7 W	23,8 W	29,8 W	30,2 W (Multimedia 41 W)
Maximum current	63A	63 A	63 A	63 A	63 A	63 A
DIN rail centre distance	–	–	–	–	–	125 mm
Halogen free	Yes	Yes	Yes	Yes	Yes	Yes
Cable entry	Smooth	Smooth	Smooth	Smooth	Smooth	Smooth

Codes	1SPE007717F0900	1SPE007717F0600	1SPE007717F0700	1SPE007717F1000	1SPE007717F1100
	1SPE007717F0910	1SPE007717F0610	1SPE007717F0710	1SPE007717F1010	1SPE007717F1110
	1SPE007717F0920	1SPE007717F0620	1SPE007717F0720	1SPE007717F1020	1SPE007717F1120
	1SLM004100A7107			1SLM004100A7109	
Number of modules	36 (2 x 18)	36 (3 x 12)	48	54	72
Dimensions (W x H x D) in mm	382 x 382 x 120	292 x 507 x 120	292 x 656 x 120	382 x 507 x 120	382 x 656 x 120
Colour	RAL 9016 white	RAL 9016 white	RAL 9016 white	RAL 9016 white	RAL 9016 white
Door type	No door / transparent / opaque	No door / transparent / opaque	No door / transparent / opaque	No door / transparent / opaque	No door / transparent / opaque
Protection class	II □	II □	II □	II □	II □
Fire resistance	GWT 650 °C	GWT 650 °C	GWT 650 °C	GWT 650 °C	GWT 650 °C
Material	Thermoplastic	Thermoplastic	Thermoplastic	Thermoplastic	Thermoplastic
Resistance to mechanical impacts	IK08	IK08	IK08	IK08	IK08
Reference standard	IEC 60670	IEC 60670	IEC 60670	IEC 60670	IEC 60670
Installation temperature	-15 °C / + 60 °C	15 °C / + 60 °C	-15 °C / + 60 °C	-15 °C / + 60 °C	-15 °C / + 60 °C
Resistance to heat	BPT 70 °C	BPT 70 °C	BPT 70 °C	BPT 70 °C	BPT 70 °C
IP rating	IP41	IP41	IP41	IP41	IP41
Max. dissipation power	37,5 W	36,8 W (Multimedia 48 W)	44,8 W	45,2 W (Multimedia 52 W)	54,4 W
Maximum current	63 A	63 A	63 A	63 A	63 A
DIN rail centre distance	125 mm	125 mm	125 mm	125 mm	125 mm
Halogen free	Yes	Yes	Yes	Yes	Yes
Cable entry	Smooth	Smooth	Smooth	Smooth	Smooth

Note: the versions with box and frontal splitted have the same characteristics of standard product

Consumer units technical details

MISTRAL41F/41W

MISTRAL41W – Technical details

Codes	1SPE007717F1500	1SPE007717F1600	1SPE007717F1700	1SPE007717F1800	1SPE007717F2200	1SPE007717F1900
Number of modules	2	4	8	12	18	24
Dimensions (W x H x D) in mm	68 x 210 x 93	96 x 210 x 93	202 x 257 x 120	292 x 257 x 120	382 x 257 x 120	292 x 382 x 120
Colour	RAL 9016 white	RAL 9016 white	RAL 9016 white	RAL 9016 white	RAL 9016 white	RAL 9016 white
Door type	No door	No door	No door	No door	No door	No door
Protection class	II □	II □	II □	II □	II □	II □
Fire resistance	GWT 750 °C	GWT 750 °C	GWT 750 °C	GWT 750 °C	GWT 750 °C	GWT 750 °C
Material	Thermoplastic	Thermoplastic	Thermoplastic	Thermoplastic	Thermoplastic	Thermoplastic
Resistance to mechanical impacts	IK08	IK08	IK08	IK08	IK08	IK08
Reference standard	IEC 60670	IEC 60670	IEC 60670	IEC 60670	IEC 60670	IEC 60670
Installation temperature	-15 °C / + 60 °C	-15 °C / + 60 °C	-15 °C / + 60 °C	-15 °C / + 60 °C	-15 °C / + 60 °C	15 °C / + 60 °C
Resistance to heat	BPT 70 °C	BPT 70 °C	BPT 70 °C	BPT 70 °C	BPT 70 °C	BPT 70 °C
IP rating	IP41	IP41	IP41	IP41	IP41	IP41
Max. dissipation power	9,2 W	9,3 W	17,7 W	23,8 W	29,8 W	30,2 W
Maximum current	63 A	63 A	63 A	63 A	63 A	63 A
DIN rail centre distance	–	–	–	–	–	125 mm
Halogen free	No	No	No	No	No	No
Cable entry	Smooth	Smooth	Smooth	Smooth	Smooth	Smooth

Codes	1SPE007717F2300	1SPE007717F2000	1SPE007717F2100	1SPE007717F2400	1SPE007717F2500
Number of modules	36 (2 x 18)	36 (3 x 12)	48	54	72
Dimensions (W x H x D) in mm	382 x 382 x 120	292 x 507 x 120	292 x 656 x 120	382 x 507 x 120	382 x 656 x 120
Colour	RAL 9016 white	RAL 9016 white	RAL 9016 white	RAL 9016 white	RAL 9016 white
Door type	No door	No door	No door	No door	No door
Protection class	II □	II □	II □	II □	II □
Fire resistance	GWT 750 °C	GWT 750 °C	GWT 750 °C	GWT 750 °C	GWT 750 °C
Material	Thermoplastic	Thermoplastic	Thermoplastic	Thermoplastic	Thermoplastic
Resistance to mechanical impacts	IK08	IK08	IK08	IK08	IK08
Reference standard	IEC 60670	IEC 60670	IEC 60670	IEC 60670	IEC 60670
Installation temperature	-15 °C / + 60 °C	15 °C / + 60 °C	-15 °C / + 60 °C	-15 °C / + 60 °C	-15 °C / + 60 °C
Resistance to heat	BPT 70 °C	BPT 70 °C	BPT 70 °C	BPT 70 °C	BPT 70 °C
IP rating	IP41	IP41	IP41	IP41	IP41
Max. dissipation power	37,5 W	36,8 W	44,8 W	45,2 W	54,4 W
Maximum current	63 A	63 A	63 A	63 A	63 A
DIN rail centre distance	125 mm	125 mm	125 mm	125 mm	125 mm
Halogen free	No	No	No	No	No
Cable entry	Smooth	Smooth	Smooth	Smooth	Smooth

Note: the versions with box and frontal splitted have the same characteristics of standard product

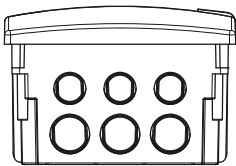
Consumer units technical details

MISTRAL41F/41W

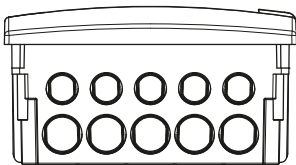
Upper and lower knockouts and precuts

Cable entry

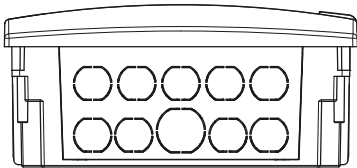
Modules (mm)	diam. 40	diam. 32	diam. 25	diam. 20	Flange
4	-	-	3	3	///
6	-	-	5	5	///
8	-	1	9	-	150 x 55
12	1	8	4	-	240 x 55
18	1	12	2	-	330 x 55



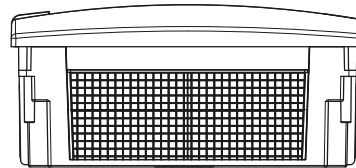
4 modules - top and bottom - concrete and hollow wall



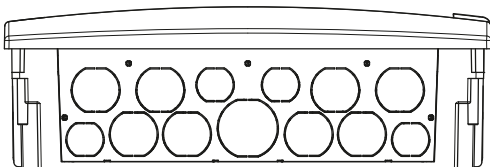
6 modules - top and bottom - concrete and hollow wall



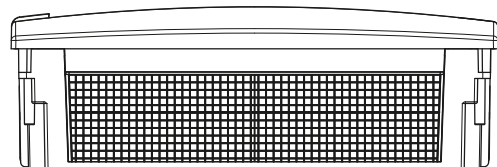
8 modules - top and bottom - hollow wall



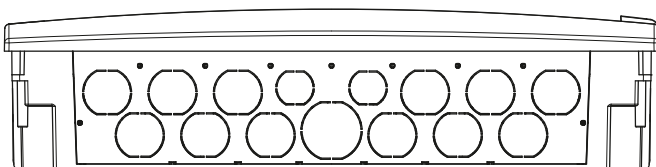
8 modules - top and bottom - concrete wall



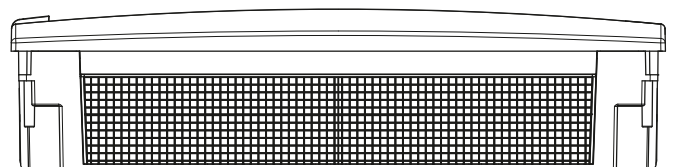
12 modules - top and bottom - hollow wall



12 modules - top and bottom - concrete wall



18 modules - top and bottom - hollow wall



18 modules - top and bottom - concrete wall

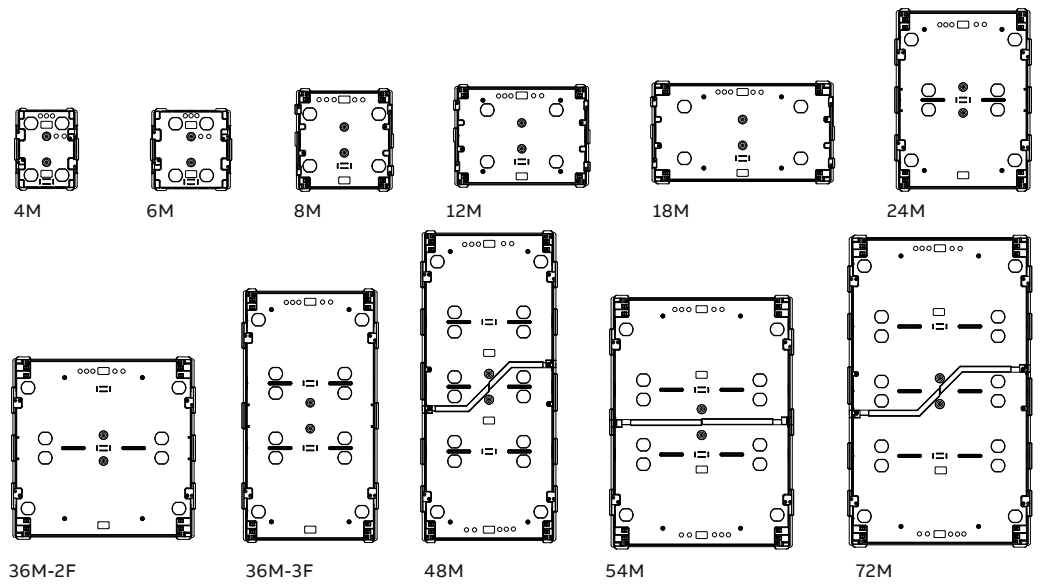
Consumer units technical details

MISTRAL41F/41W

Upper and lower knockouts

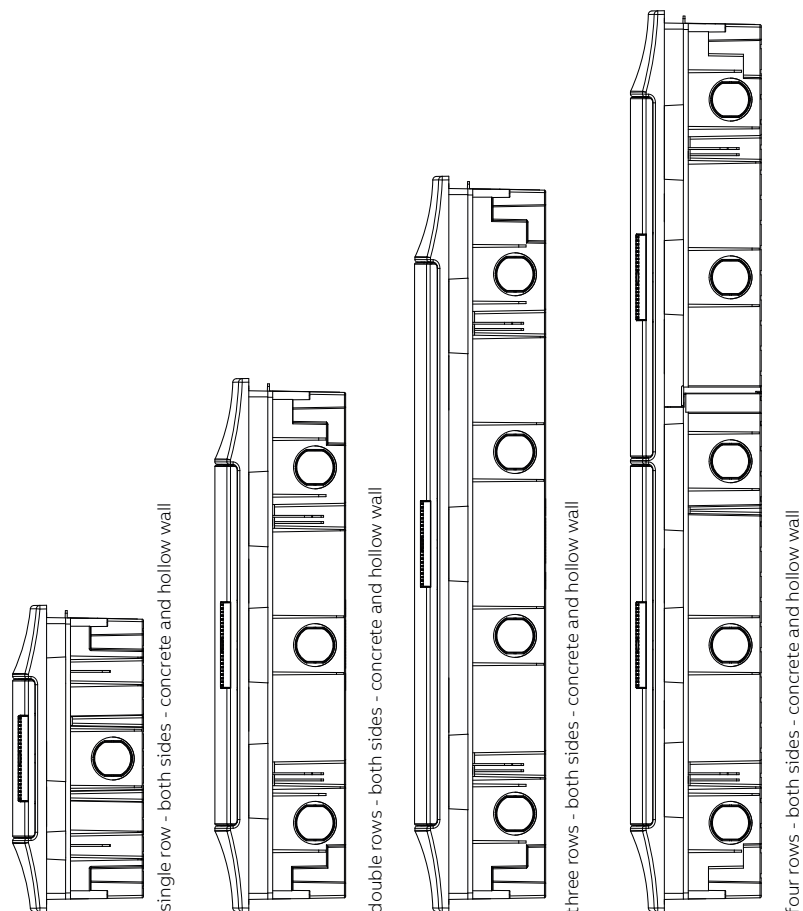
Box

Modules	diam. 32
4 M	4
6 M	4
8 M	4
12 M	4
18 M	4
24 M	8
36 M - 2F	8
36 M - 3F	12
48 M	16
54 M	12
72 M	16



Side

Modules	diam. 32
4 M	1
6 M	1
8 M	1
12 M	1
18 M	1
24 M	3
36 M - 2F	3
36 M - 3F	4
48 M	5
54 M	4
72 M	5



single row - both sides - concrete and hollow wall

double rows - both sides - concrete and hollow wall

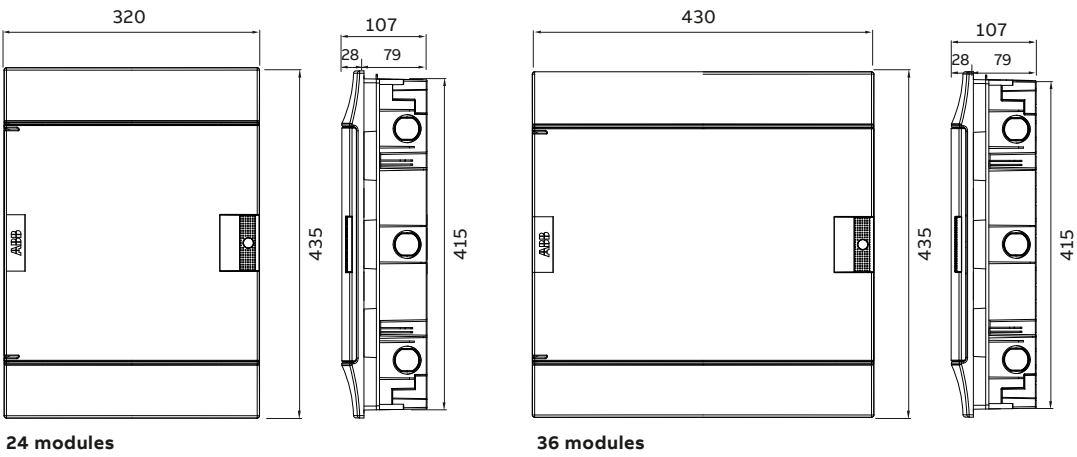
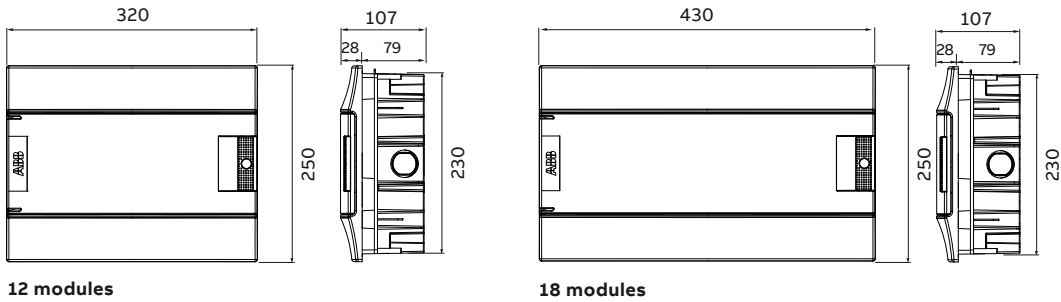
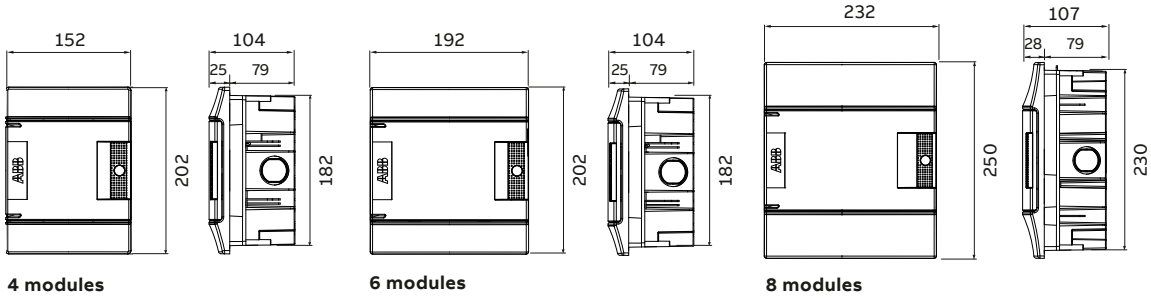
three rows - both sides - concrete and hollow wall

four rows - both sides - concrete and hollow wall

Consumer units technical details

MISTRAL41F/41W

Overall dimensions

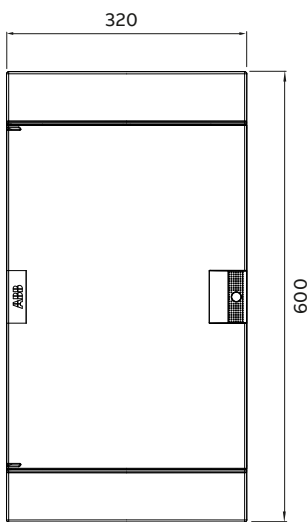


Dimensions in mm

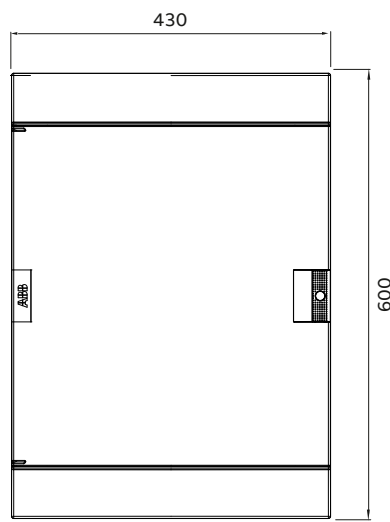
Consumer units technical details

MISTRAL41F/41W

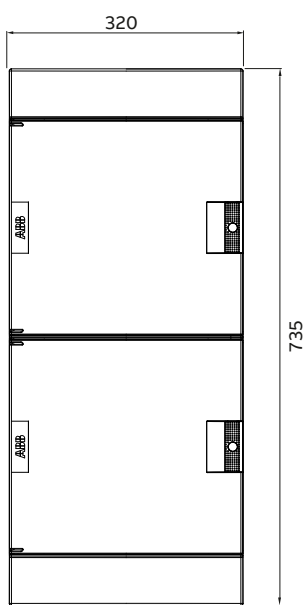
Overall dimensions



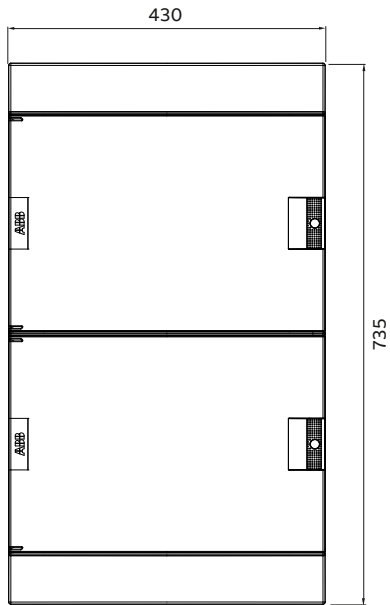
36 modules



54 modules



48 modules



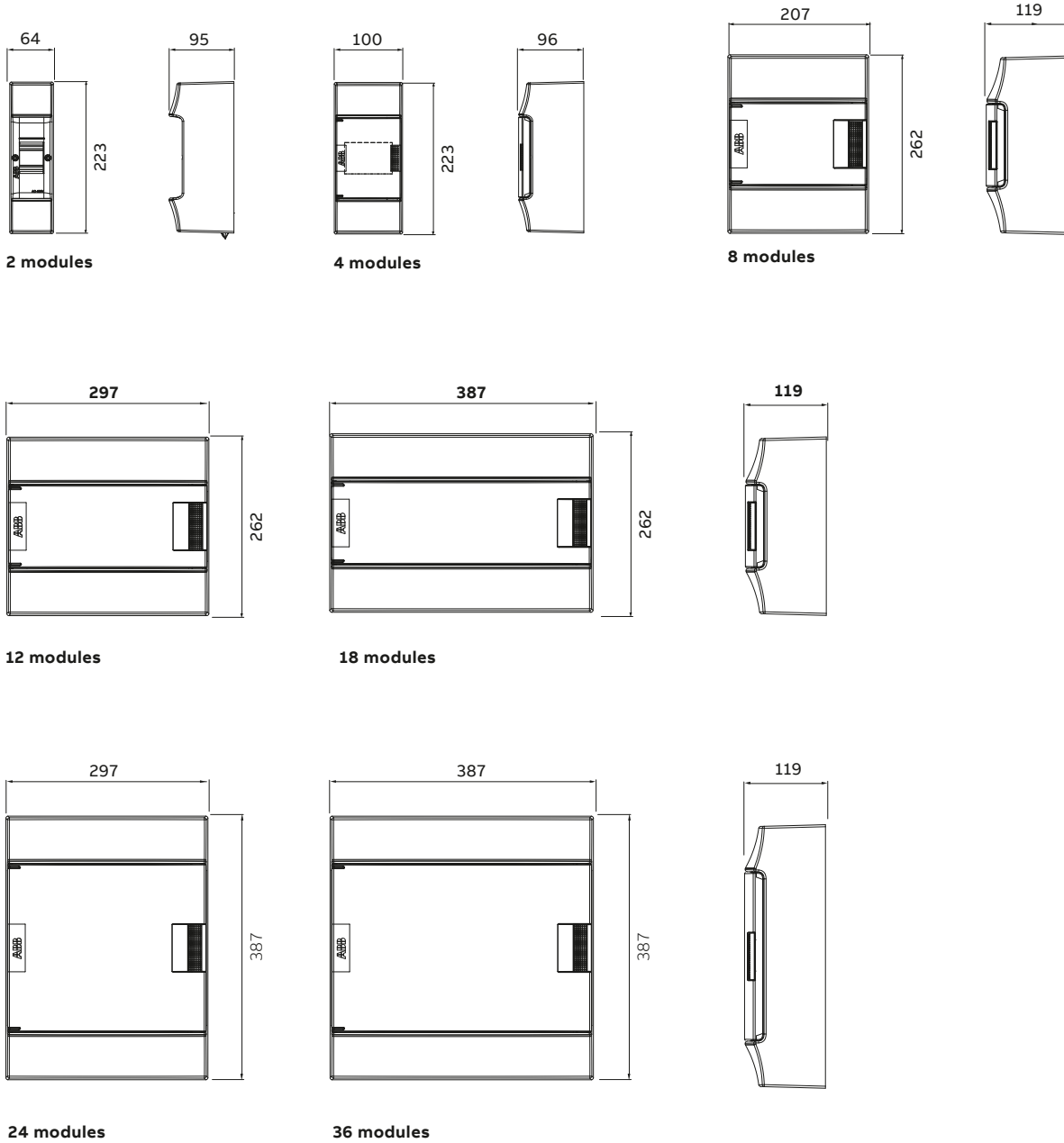
72 modules

Dimensions in mm

Consumer units technical details

MISTRAL41F/41W

Overall dimensions

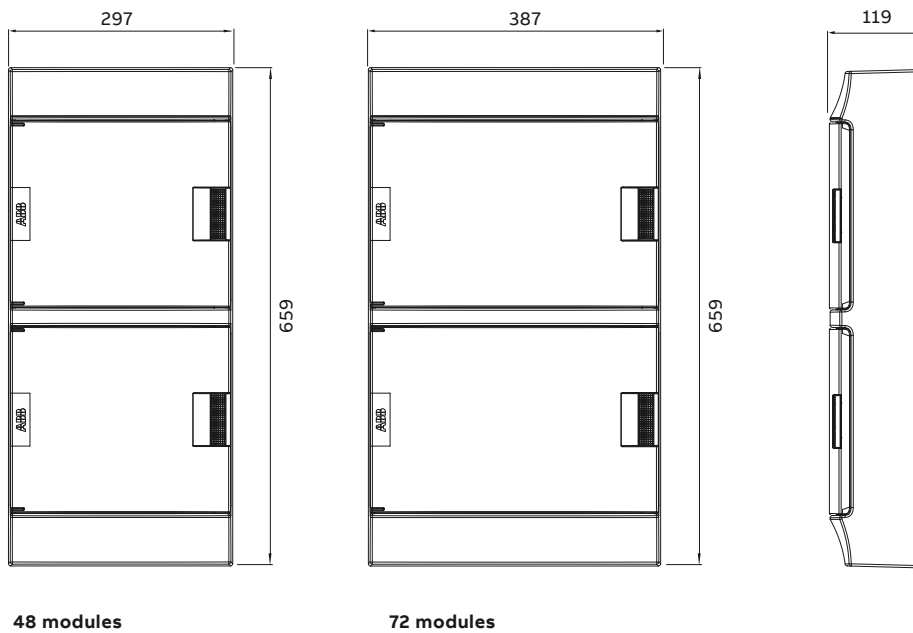
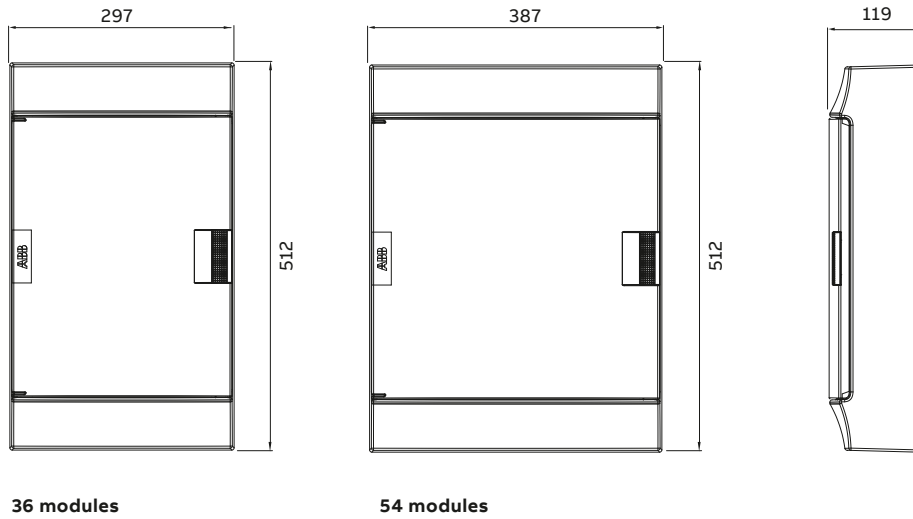


Dimensions in mm

Consumer units technical details

MISTRAL41F/41W

Overall dimensions



Dimensions in mm

Consumer units technical details

MISTRAL65 / 65H

Table of resistance to chemical agents

	Cold water	Hot water	Sulphuric acid	Hydrochloric acid	Acetic acid	Petroleum	Benzine	Acetone	Ethyl alcohol	Ammonia	Dichloromethane	Diesel oil - Naptha	Mineral oil	Food oils	Tetrachloroethylene	Trichloroethylene	Ether	Ozone	Toluene	Methyl alcohol	Alcohol	Milk	Fruit juices	Fluorocarbons	Deteratives	Detergents	Potassium nitrate	Hydrogen peroxide
MISTRAL65	■	■	▲	●	■	●	●	●	▲	■	●	▲	■	■	●	●	●	■	●	▲	■	■	■	●	■	■	▲	■
MISTRAL65H MISTRAL65H switchboards	■	■	▲	●	■	●	●	●	▲	■	●	▲	■	■	●	●	●	■	●	▲	■	■	■	●	■	■	▲	■

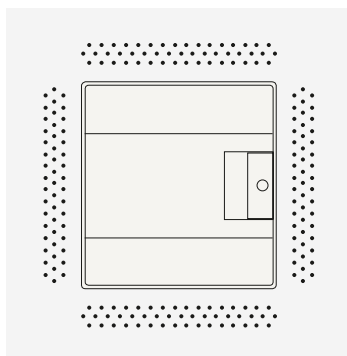
■ resistant ▲ partially resistant ● non resistant

Ingress protection rating IP65

6

First number:
Protection against the penetration of solid bodies

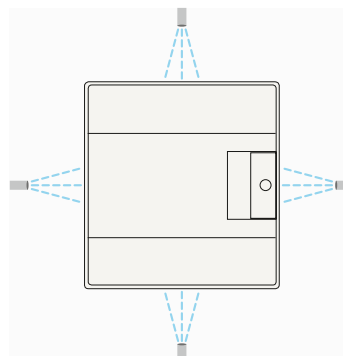
No dust can penetrate



5

Second number:
Protection against the penetration of water

Water projected with a nozzle from all directions must not cause damage



Shock resistance (IK) – MISTRAL65: IK09 and MISTRAL65H: IK10

Code IK	00	01	02	03	04	05	06	07	08	09	10
Shock energy (Joule)	not protected	0.15	0.2	0.35	0.5	0.7	1	2	5	10	20

Consumer units technical details

MISTRAL65 / 65H

MISTRAL65 – Technical details

Codes	1SL1100A00 1SL1200A00	1SL1101A00 1SL1201A00 1SLM006501A1101 1SLM006501A1201	1SL1102A00 1SL1202A00 1SLM006501A1102 1SLM006501A1202	1SL1103A00 1SL1203A00 1SLM006501A1103 1SLM006501A1203 1SLM006502A1103 1SLM006502A1203	1SL1104A00 1SL1204A00 1SLM006501A1104 1SLM006501A1204 1SLM006502A1104 1SLM006502A1204
Number of modules	4	8	12	18	24
Dimensions (W x H x D) in mm	152 x 202 x 117	232 x 250 x 154	320 x 250 x 155	430 x 250 x 155	320 x 435 x 155
Color	RAL 7035 grey	RAL 7035 grey	RAL 7035 grey	RAL 7035 grey	RAL 7035 grey
Door type	Opaque / Transparent	Opaque / Transparent	Opaque / Transparent	Opaque / Transparent	Opaque / Transparent
Protection class	II □	II □	II □	II □	II □
Fire resistance	GWT 650 °C	GWT 650 °C	GWT 650 °C	GWT 650 °C	GWT 650 °C
Material	Thermoplastic	Thermoplastic	Thermoplastic	Thermoplastic	Thermoplastic
Reference standard	IEC 60670 & IEC 61439-3	IEC 60670 & IEC 61439-3	IEC 60670 & IEC 61439-3	IEC 60670 & IEC 61439-3	IEC 60670 & IEC 61439-3
Resistance to mechanical impacts	IK09	IK09	IK09	IK09	IK09
Installation temperature	-25 °C / + 60 °C	-25 °C / + 60 °C	-25 °C / + 60 °C	-25 °C / + 60 °C	-25 °C / + 60 °C
Resistance to heat	BPT 70 °C	BPT 70 °C	BPT 70 °C	BPT 70 °C	BPT 70 °C
IP rating	IP65	IP65	IP65	IP65	IP65
Max. dissipation power	12W	20W	27W	32W	34W
Maximum current	63A	63A	63A	125A	125A
Extractable frame	no	no	no	no	yes
Additional module	no	no	yes	yes	yes
Installation of MCCBs	no	yes	yes	yes	yes
DIN rail centre distance	-	-	-	-	150 – 125 mm
Halogen free	yes	yes	yes	yes	yes
Cable entry finish	Smooth	Smooth	Smooth	Smooth	Smooth

Codes	1SL1105A00 1SL1205A00 1SLM006501A1105 1SLM006501A1205	1SL1106A00 1SL1206A00 1SLM006501A1106 1SLM006501A1206	1SL1107A00 1SL1207A00 1SLM006501A1107 1SLM006501A1207	1SL1108A00 1SL1208A00 1SLM006501A1108 1SLM006501A1208	1SL1109A00 1SL1209A00 1SLM006501A1109 1SLM006501A1209
Number of modules	36	36	48	54	72
Dimensions (W x H x D) in mm	430 x 435 x 155	320 x 600 x 155	320 x 735 x 155	430 x 600 x 155	430 x 735 x 155
Color	RAL 7035 grey	RAL 7035 grey	RAL 7035 grey	RAL 7035 grey	RAL 7035 grey
Door type	Opaque / Transparent	Opaque / Transparent	Opaque / Transparent	Opaque / Transparent	Opaque / Transparent
Protection class	II □	II □	II □	II □	II □
Fire resistance	GWT 650 °C	GWT 650 °C	GWT 650 °C	GWT 650 °C	GWT 650 °C
Material	Thermoplastic	Thermoplastic	Thermoplastic	Thermoplastic	Thermoplastic
Resistance to mechanical impacts	IK09	IK09	IK09	IK09	IK09
Reference standard	IEC 60670 & IEC 61439-3	IEC 60670 & IEC 61439-3	IEC 60670 & IEC 61439-3	IEC 60670 & IEC 61439-3	IEC 60670 & IEC 61439-3
Installation temperature	-25 °C / + 60 °C	-25 °C / + 60 °C	-25 °C / + 60 °C	-25 °C / + 60 °C	-25 °C / + 60 °C
Resistance to heat	BPT 70 °C	BPT 70 °C	BPT 70 °C	BPT 70 °C	BPT 70 °C
IP rating	IP65	IP65	IP65	IP65	IP65
Max. dissipation power	43 W	51 W	64 W	63 W	81 W
Maximum current	125 A	125 A	125 A	125 A	125 A
Extractable frame	yes	yes	yes	yes	yes
Additional module	yes	yes	yes	yes	yes
Installation of MCCBs	yes	yes	yes	yes	yes
DIN rail centre distance	150 – 125 mm	150 – 125 mm	150 – 125 mm	150 – 125 mm	150 – 125 mm
Halogen free	yes	yes	yes	yes	yes
Cable entry finish	Smooth	Smooth	Smooth	Smooth	Smooth

Consumer units technical details

MISTRAL65 / 65H

MISTRAL65H – Technical details

Codes	1SLM006500A2110	1SLM006500A2111	1SLM006500A2112	1SLM006500A2113	1SLM006500A2114
	1SLM006500A2210	1SLM006500A2211	1SLM006500A2212	1SLM006500A2213	1SLM006500A2214
Number of modules	4	8	12	18	24
Dimensions (W x H x D) in mm	152 x 202 x 117	232 x 250 x 154	320 x 250 x 155	430 x 250 x 155	320 x 435 x 155
Color	RAL 7035 grey	RAL 7035 grey	RAL 7035 grey	RAL 7035 grey	RAL 7035 grey
Door type	Opaque/Trasparent	Opaque/Trasparent	Opaque/Trasparent	Opaque/Trasparent	Opaque/Trasparent
Protection class	II □	II □	II □	II □	II □
Fire resistance	GWT 750 °C	GWT 750 °C	GWT 750 °C	GWT 750 °C	GWT 750 °C
Material	Thermoplastic	Thermoplastic	Thermoplastic	Thermoplastic	Thermoplastic
Resistance to mechanical impacts			IK10**		
Reference standards	IEC 62208	IEC 62208	IEC 62208	IEC 62208	IEC 62208
Installation temperature	-25 °C / + 60 °C	-25 °C / + 60 °C	-25 °C / + 60 °C	-25 °C / + 60 °C	-25 °C / + 60 °C
Resistance to heat	BPT 70 °C	BPT 70 °C	BPT 70 °C	BPT 70 °C	BPT 70 °C
IP rating	IP65	IP65	IP65	IP65	IP65
Max. dissipation power	12W	20W	27W	32W	34W
Maximum current	63A	63A	63A	125A	125A
Extractable frame	no	no	no	no	yes
Additional module	no	no	yes	yes	yes
Installation of MCCBs	no	yes	yes	yes	yes
DIN rail centre distance	–	–	–	–	150 – 125 mm
Halogen free	no	no	no	no	no
Cable entry finish	Smooth/Precut	Smooth/Precut	Smooth/Precut	Smooth/Precut	Smooth/Precut

Codes	1SLM006500A2115	1SLM006500A2116	1SLM006500A2117	1SLM006500A2118	1SLM006500A2119
	1SLM006500A2215	1SLM006500A2216	1SLM006500A2217	1SLM006500A2218	1SLM006500A2219
Number of modules	36	36	48	54	72
Dimensions (W x H x D) in mm	430 x 435 x 155	320 x 600 x 155	320 x 735 x 155	430 x 600 x 155	430 x 735 x 155
Color	RAL 7035 grey	RAL 7035 grey	RAL 7035 grey	RAL 7035 grey	RAL 7035 grey
Door type	Opaque/Trasparent	Opaque/Trasparent	Opaque/Trasparent	Opaque/Trasparent	Opaque/Trasparent
Protection class	II □	II □	II □	II □	II □
Fire resistance	GWT 750 °C	GWT 750 °C	GWT 750 °C	GWT 750 °C	GWT 750 °C
Material	Thermoplastic	Thermoplastic	Thermoplastic	Thermoplastic	Thermoplastic
Resistance to mechanical impacts			IK10**		
Reference standards	IEC 62208	IEC 62208	IEC 62208	IEC 62208	IEC 62208
Installation temperature	-25 °C / + 60 °C	-25 °C / + 60 °C	-25 °C / + 60 °C	-25 °C / + 60 °C	-25 °C / + 60 °C
Resistance to heat	BPT 70 °C	BPT 70 °C	BPT 70 °C	BPT 70 °C	BPT 70 °C
IP rating	IP65	IP65	IP65	IP65	IP65
Max. dissipation power	43 W	51 W	64 W	63 W	81 W
Maximum current	125 A	125 A	125 A	125 A	125 A
Extractable frame	yes	yes	yes	yes	yes
Additional module	yes	yes	yes	yes	yes
Installation of MCCBs	yes	yes	yes	yes	yes
DIN rail centre distance	150 – 125 mm	150 – 125 mm	150 – 125 mm	150 – 125 mm	150 – 125 mm
Halogen free	no	no	no	no	no
Cable entry finish	Smooth/Precut	Smooth/Precut	Smooth/Precut	Smooth/Precut	Smooth/Precut

* For the switchboards, modules indicate size

** IK08 in the area of knockouts

Consumer units technical details

MISTRAL65 / 65H

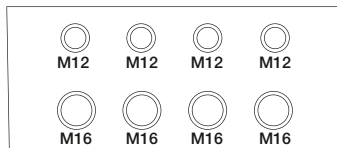
Upper and lower knockouts

Cable glands

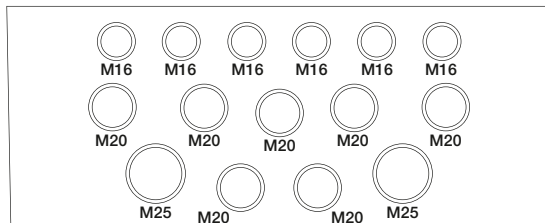
Modules		diam. 16	diam. 20	diam. 25
4	04 x 1	2	-	-
8	08 x 1	3	3	-
12	12 x 1	2	2	2
24	12 x 2	5	5	2
36	12 x 3	5	5	2
48	12 x 4	5	5	2
18	18 x 1	2	2	2
36	18 x 2	5	5	2
54	18 x 3	5	5	2
72	18 x 4	5	5	2

Holes

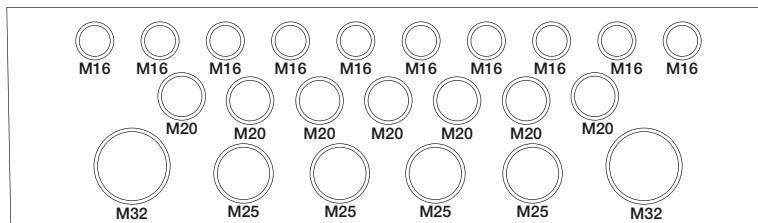
Modules		diam. 12	diam. 16	diam. 20	diam. 25	diam. 32
4	04 x 1	4	4	-	-	-
8	08 x 1	-	6	7	2	-
12	12 x 1	-	10	7	4	2
24	12 x 2	-	10	7	4	2
36	12 x 3	-	10	7	4	2
48	12 x 4	-	10	7	4	2
18	18 x 1	-	14	9	4	2
36	18 x 2	-	14	9	4	2
54	18 x 3	-	14	9	4	2
72	18 x 4	-	14	9	4	2



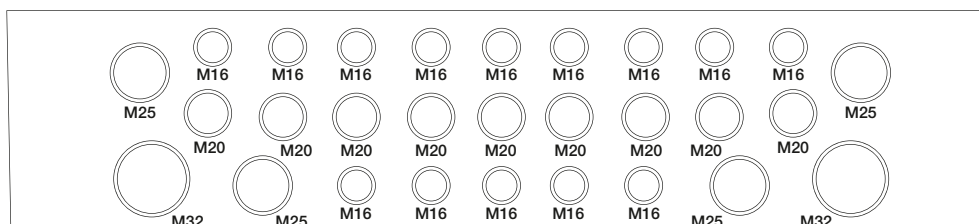
4 modules – top and bottom



8 modules – top and bottom



12 modules – top and bottom

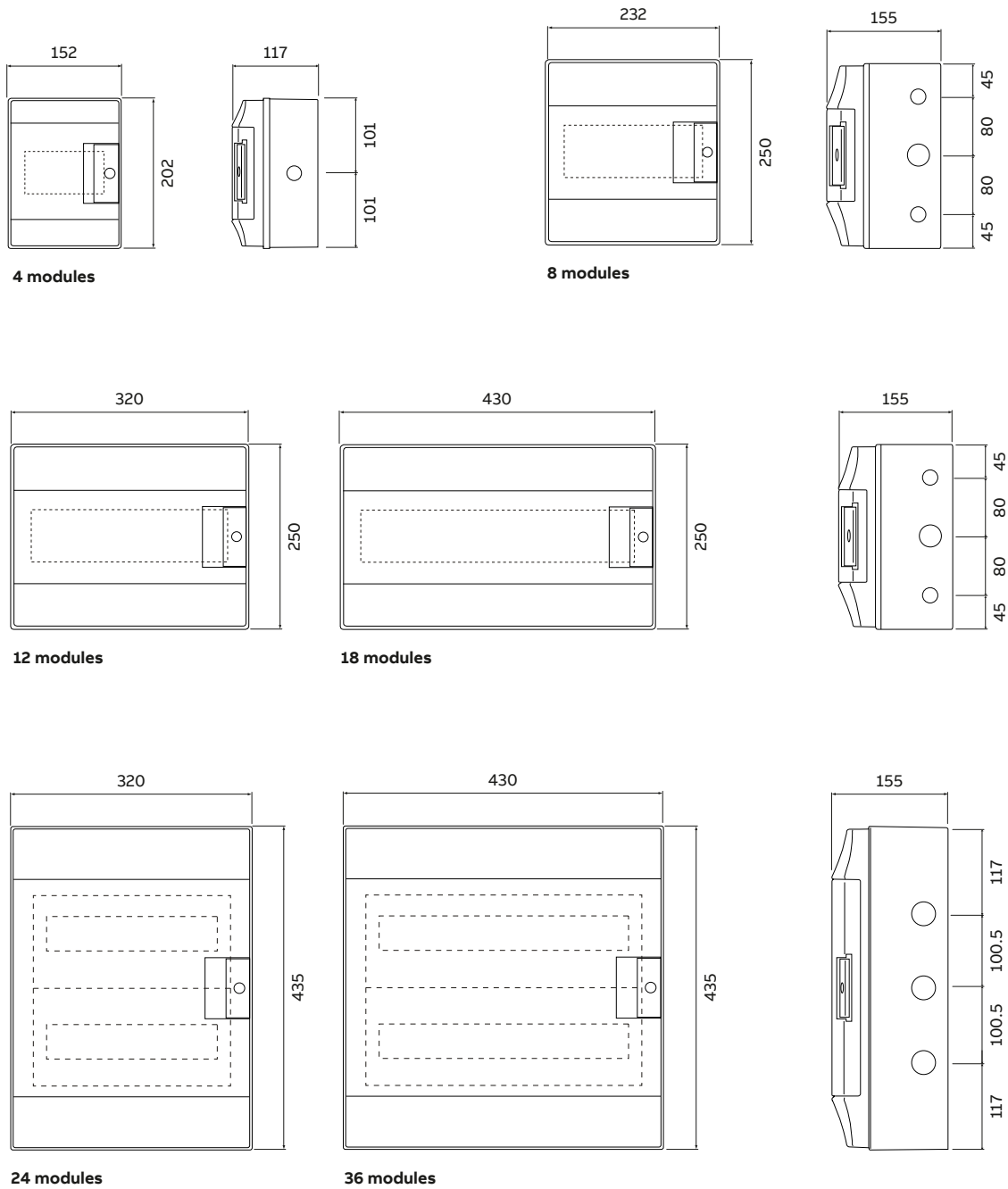


18 modules – top and bottom

Consumer units technical details

MISTRAL65 / 65H

Overall dimensions

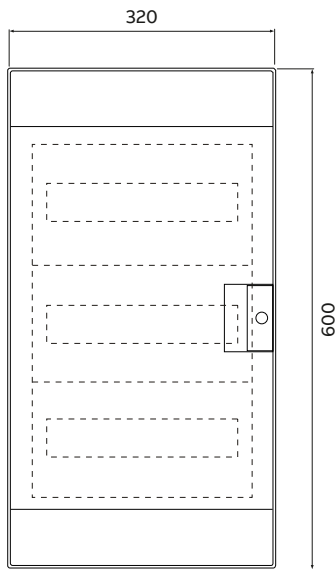


Dimensions in mm

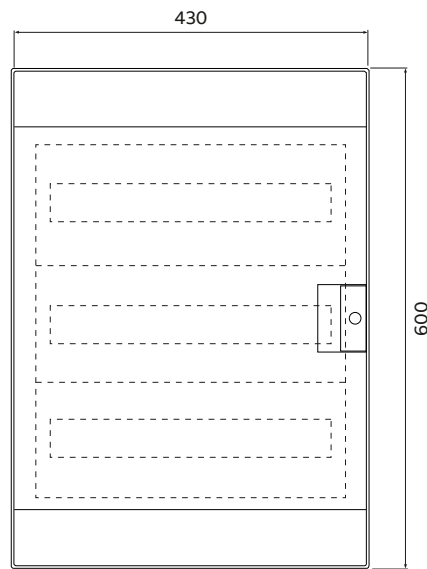
Consumer units technical details

MISTRAL65 / 65H

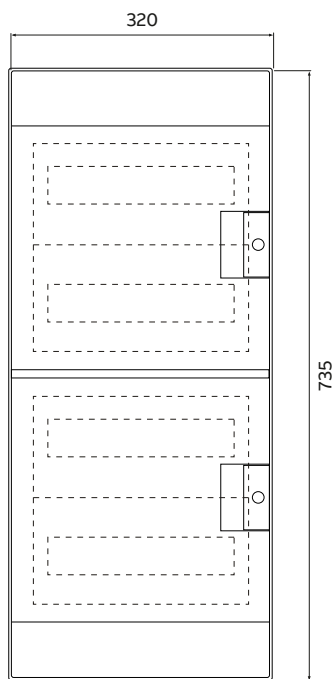
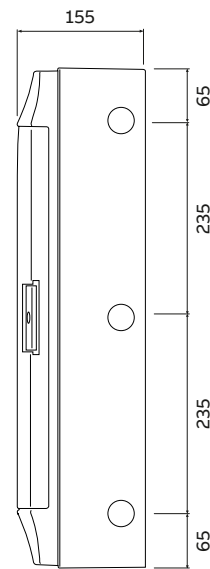
Overall dimensions



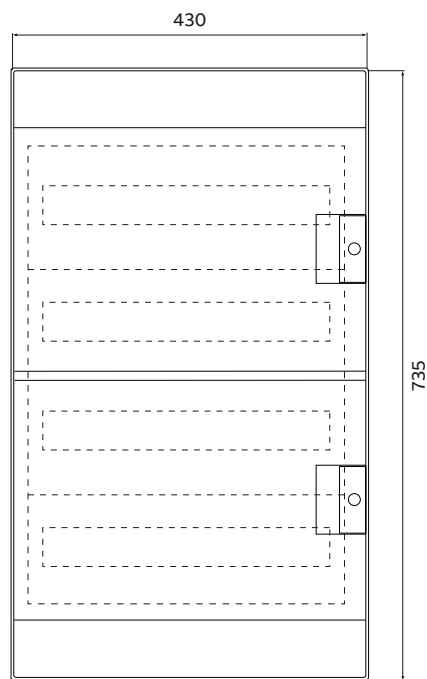
36 modules



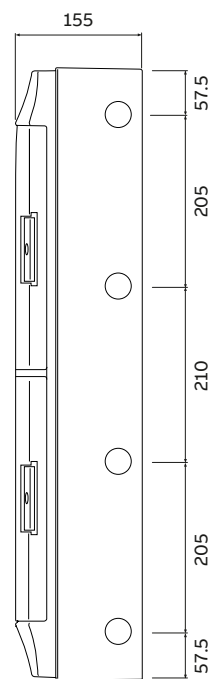
54 modules



48 modules



72 modules

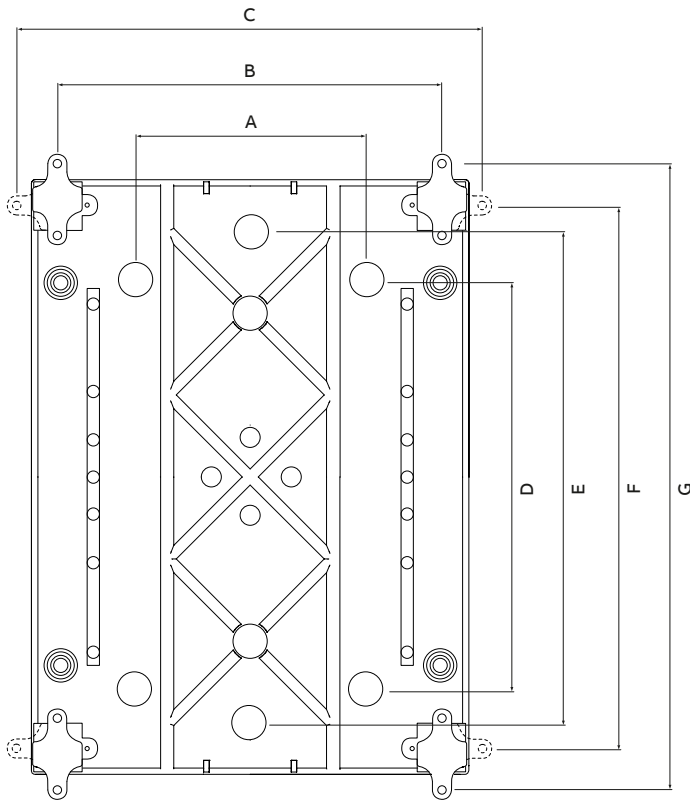


Dimensions in mm

Consumer units technical details

MISTRAL65 / 65H

Fixing template



	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]
4 PLE	–	113	173	–	140	163	223.5
8 PLE	90	194	254.5	180	–	212	272.5
12 PLE	170	282.5	343	180	–	212	272.5
18 PLE	280	392	452.5	125	175	212	272.5
24 PLE	170	282.5	343	310	360	397	457.5
36 PLE – 2 F	280	392	452.5	310	360	397	457.5
36 PLE – 3 F	170	282.5	343	475	525	562	622.5
48 PLE	170	282.5	343	610	660	697	757.5
54 PLE	280	392	452.5	475	525	562	622.5
72 PLE	280	392	452.5	610	660	697	757.5


Consumer units technical details

basic E – Flush-mounted

Technical details

basic E – Flush-mounted								
Number of modules	2	4	6	8	12	16	24	36
Dimensions (WxHxD) in mm	120x180x102	155x180x102	190x180x102	230x180x102	300x220x102	230x315x102	300x335x102	300x450x102
Body / Cover Colour	White / White	White / White	White / White	White / White	White / White	White / White	White / White	White / White
Body / Cover Material	Thermoplastic	Thermoplastic	Thermoplastic	Thermoplastic	Thermoplastic	Thermoplastic	Thermoplastic	Thermoplastic
Door Colour	Opaque white	Opaque white	Opaque white	Opaque white	Opaque white	Opaque white	Opaque white	Opaque white
	Transparent grey	Transparent grey	Transparent grey	Transparent grey	Transparent grey	Transparent grey	Transparent grey	Transparent grey
Door Material	Thermoplastic	Thermoplastic	Thermoplastic	Thermoplastic	Thermoplastic	Thermoplastic	Thermoplastic	Thermoplastic
Fire Resistance Cover-Body, Terminal-Holder	650° C / 850° C	650° C / 850° C	650° C / 850° C	650° C / 850° C	650° C / 850° C	650° C / 850° C	650° C / 850° C	650° C / 850° C
Installation Temperature	-25 / +60	-25 / +60	-25 / +60	-25 / +60	-25 / +60	-25 / +60	-25 / +60	-25 / +60
Resistance to Heat Cover-Body, Terminal-Holder	650–70° C	650–70° C	650–70° C	650–70° C	650–70° C	650–70° C	650–70° C	650–70° C
IP rating	IP40	IP40	IP40	IP40	IP40	IP40	IP40	IP40
Max. dissipation power	10 W	14 W	16 W	20 W	27 W	31 W	33 W	40 W
Extractable DIN rail	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Halogen Free	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Cable entry	Knockout	Knockout	Knockout	Knockout	Knockout	Knockout	Knockout	Knockout
Protection class	II □	II □	II □	II □	II □	II □	II □	II □
Resistance to mechanical impacts	IK08	IK08	IK08	IK08	IK08	IK08	IK08	IK08
Maximum current	63 A	63 A	63 A	63 A	63 A	63 A	63 A	63 A
Resistance to heat	BPT 70° C	BPT 70° C	BPT 70° C	BPT 70° C	BPT 70° C	BPT 70° C	BPT 70° C	BPT 70° C
Terminal bars (Number of holes)	–	1x5	1x5	2x5	2x13	2x13	2x13	2x21

Number of cable entries for Flush-mounted

basic E Flush-mounted	Module	Top Number of Entries	Bottom Number of Entries	Right Number of Entries	Left Number of Entries	Hole diameter (mm)
	2	2	2	3	3	28
	4	2	2	3	3	28
	6	4	4	2	2	28
	8	4	4	2	2	28
	12	6	6	2	2	28
	16	4	4	2	2	28
	24	6	6	2	2	28
	36	6	6	6	6	28


Consumer units technical details

basic E – Wall-mounted

Technical details

basic E – Wall-mounted								
Number of modules	2	4	6	8	12	16	24	36
Dimensions (WxHxD) in mm	120x180x102	155x180x102	190x180x102	230x180x102	300x220x102	230x315x102	300x335x102	300x450x102
Body / Cover Colour	White / White	White / White	White / White	White / White	White / White	White / White	White / White	White / White
Body / Cover Material	Thermoplastic	Thermoplastic	Thermoplastic	Thermoplastic	Thermoplastic	Thermoplastic	Thermoplastic	Thermoplastic
Door Colour	Opaque white	Opaque white	Opaque white	Opaque white	Opaque white	Opaque white	Opaque white	Opaque white
	Transparent grey	Transparent grey	Transparent grey	Transparent grey	Transparent grey	Transparent grey	Transparent grey	Transparent grey
Door Material	Thermoplastic	Thermoplastic	Thermoplastic	Thermoplastic	Thermoplastic	Thermoplastic	Thermoplastic	Thermoplastic
Fire Resistance Cover-Body, Terminal-Holder	650° C / 850° C	650° C / 850° C	650° C / 850° C	650° C / 850° C	650° C / 850° C	650° C / 850° C	650° C / 850° C	650° C / 850° C
Installation Temperature	-25 / +60	-25 / +60	-25 / +60	-25 / +60	-25 / +60	-25 / +60	-25 / +60	-25 / +60
Resistance to Heat Cover-Body, Terminal-Holder	650–70° C	650–70° C	650–70° C	650–70° C	650–70° C	650–70° C	650–70° C	650–70° C
IP rating	IP40	IP40	IP40	IP40	IP40	IP40	IP40	IP40
Max. dissipation power	10 W	14 W	16 W	20 W	27 W	31 W	33 W	40 W
Extractable DIN rail	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Halogen Free	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Cable entry	Knockout	Knockout	Knockout	Knockout	Knockout	Knockout	Knockout	Knockout
Protection class	II ☐	II ☐	II ☐	II ☐	II ☐	II ☐	II ☐	II ☐
Resistance to mechanical impacts	IK08	IK08	IK08	IK08	IK08	IK08	IK08	IK08
Maximum current	63 A	63 A	63 A	63 A	63 A	63 A	63 A	63 A
Resistance to heat	BPT 70° C	BPT 70° C	BPT 70° C	BPT 70° C	BPT 70° C	BPT 70° C	BPT 70° C	BPT 70° C
Terminal bars (Number of holes)	–	–	–	2x5	2x13	2x13	2x13	2x21

Number of cable entries for Wall-mounted

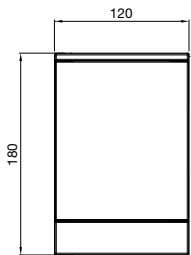
basic E Wall-mounted	Module	Top Number of Entries	Bottom Number of Entries	Hole diameter (mm)
	2	1	1	24
	4	1	1	24
	6	2	2	24
	8	2	2	24
	12	3	3	24
	16	3	3	24
	24	3	3	24
	36	3	3	24

Consumer units technical details

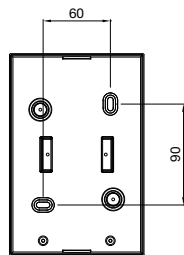
basic E

Overall dimensions

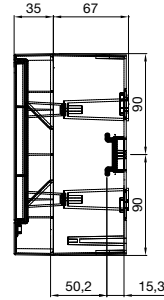
2M Enclosure, dimensions (mm)



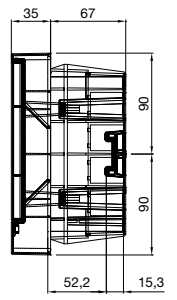
Front cover + door



Surface mounted

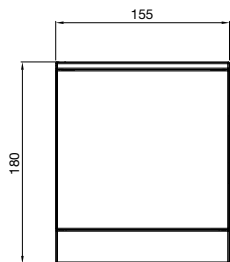


Surface mounted

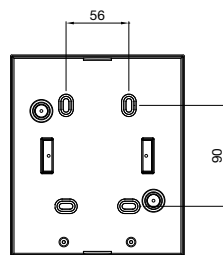


Flush mounted

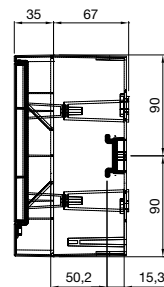
4M Enclosure, dimensions (mm)



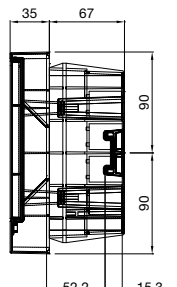
Front cover + door



Surface mounted

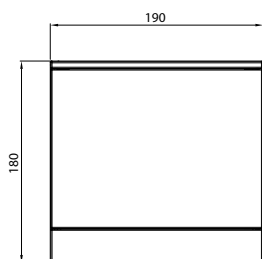


Surface mounted

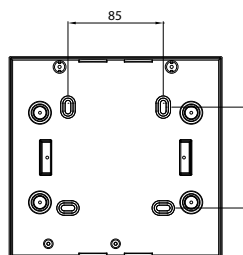


Flush mounted

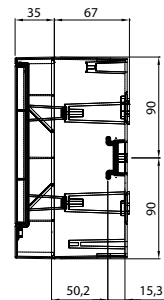
6M Enclosure, dimensions (mm)



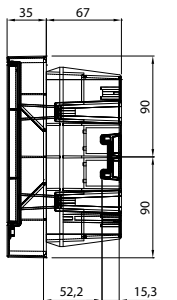
Front cover + door



Surface mounted



Surface mounted



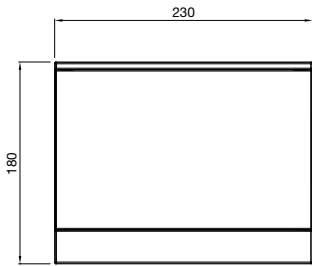
Flush mounted

Consumer units technical details

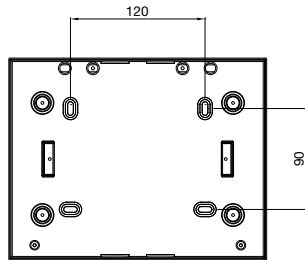
basic E

Overall dimensions

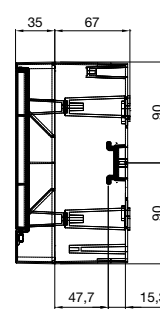
8M Enclosure, dimensions (mm)



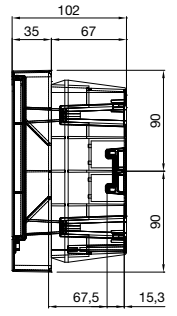
Front cover + door



Surface mounted

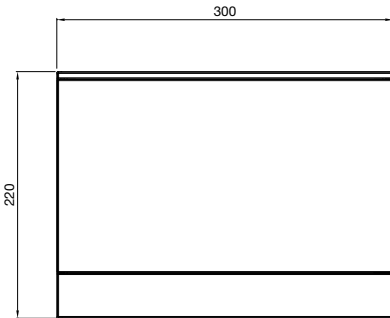


Surface mounted

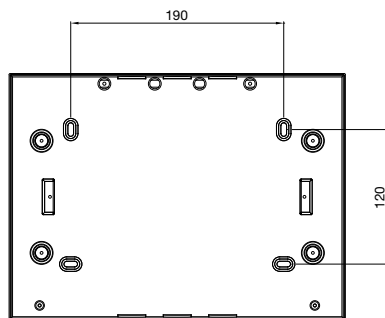


Flush mounted

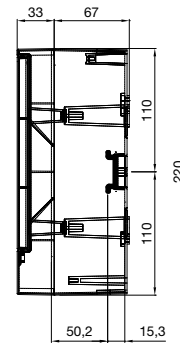
12M Enclosure, dimensions (mm)



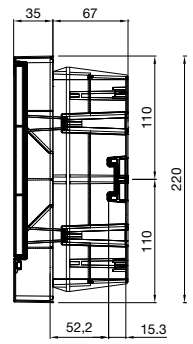
Front cover + door



Surface mounted

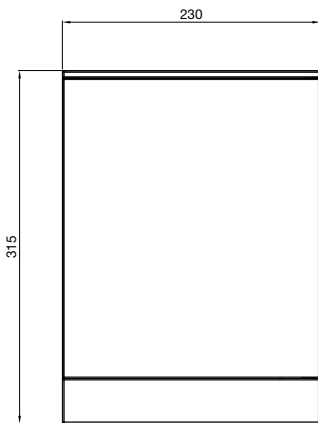


Surface mounted

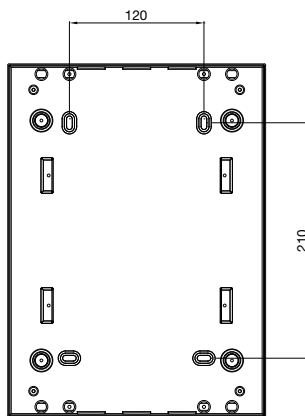


Flush mounted

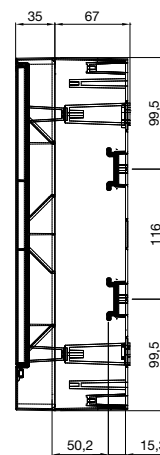
16M Enclosure, dimensions (mm)



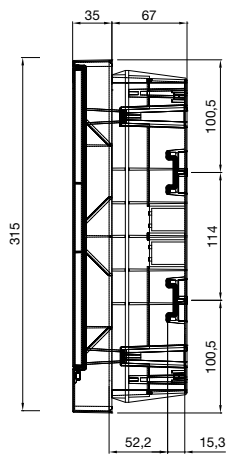
Front cover + door



Surface mounted



Surface mounted



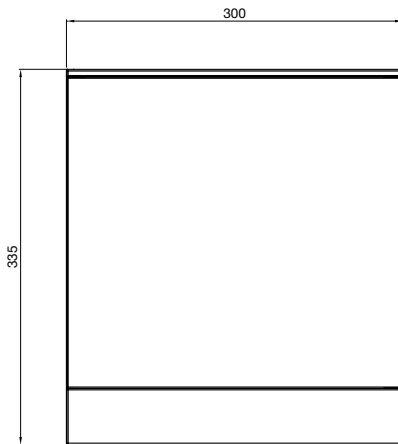
Flush mounted

Consumer units technical details

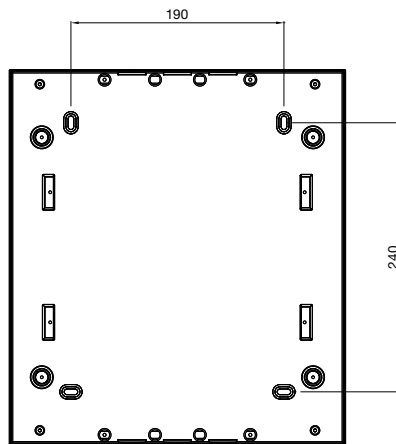
basic E

Overall dimensions

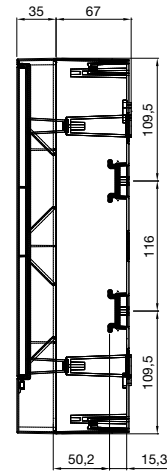
24M Enclosure, dimensions (mm)



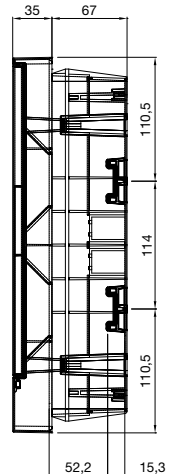
Front cover + door



Surface mounted

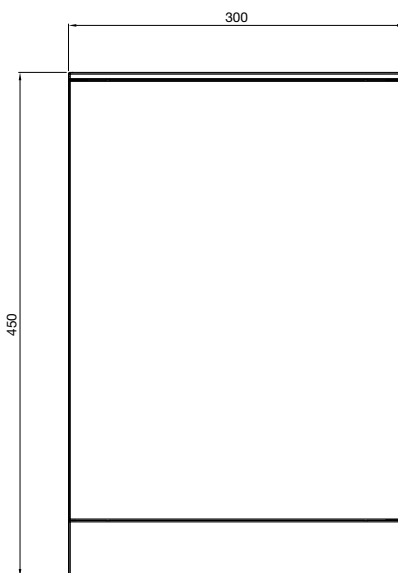


Surface mounted

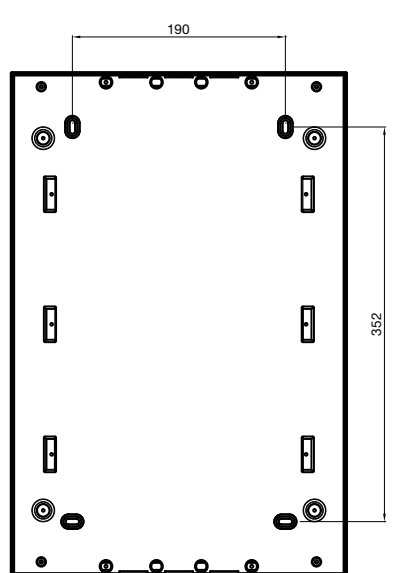


Flush mounted

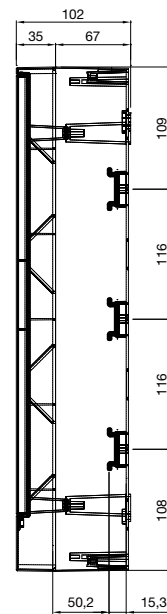
36M Enclosure, dimensions (mm)



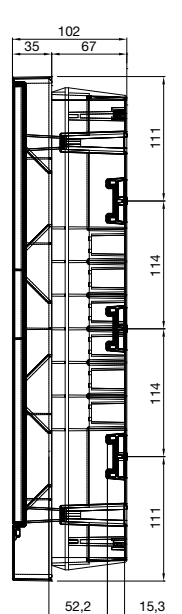
Front cover + door



Surface mounted



Surface mounted

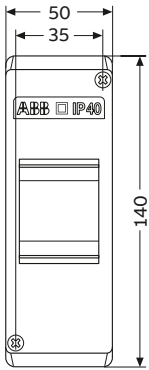


Flush mounted

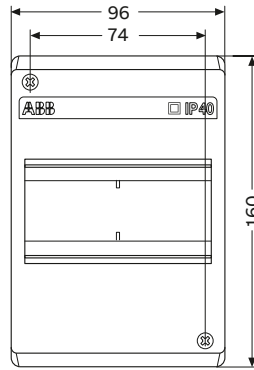
Consumer units technical details

Mini Europa40

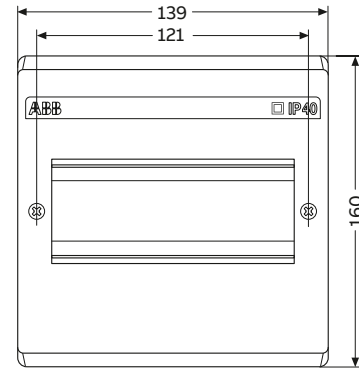
Front view



2 modules

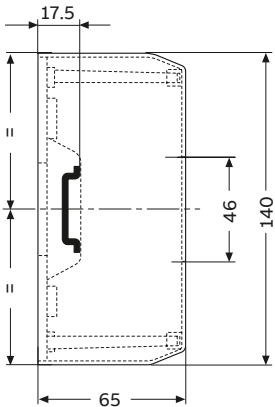


4 modules

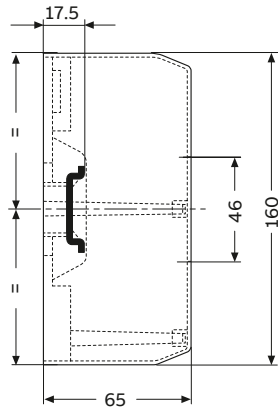


6 modules

Side view



2 modules

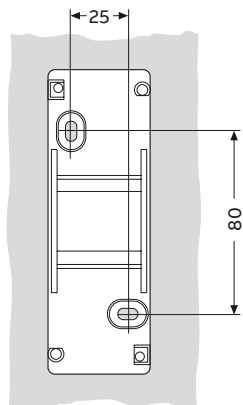


4-6 modules

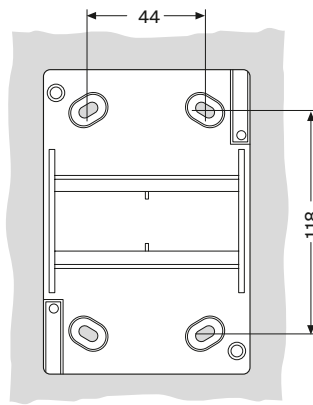
Consumer units technical details

Mini Europa40

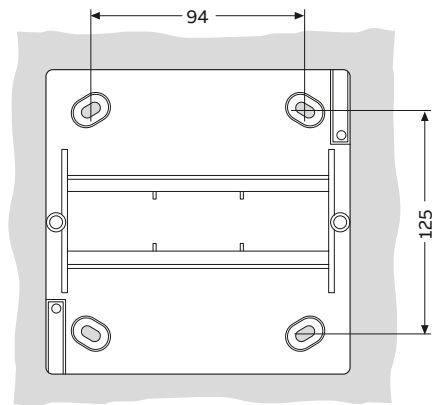
Drilling sheets



2 modules



4 modules



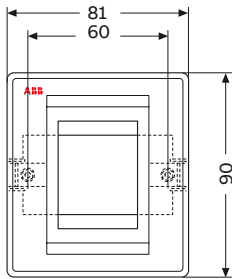
6 modules

Modules	code
2 modules	1SL2402A00 - 12 422
4 modules	1SL2404A00 - 12 424
6 modules	1SL2406A00 - 12 426

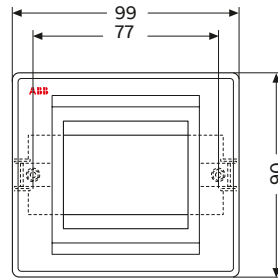
Consumer units technical details

IP 40 panel fronts

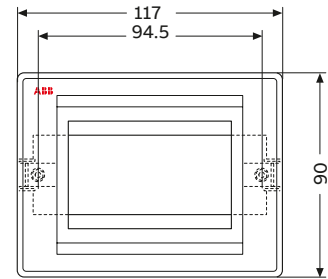
Front view



2 modules

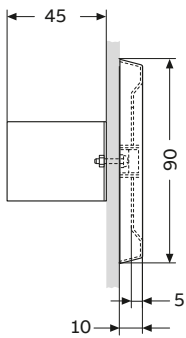


3 modules

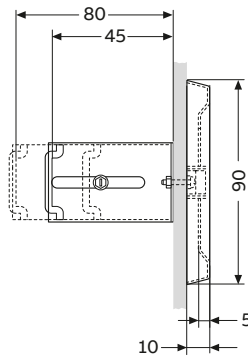


4 modules

Side view

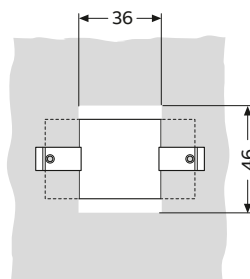


2-3 modules

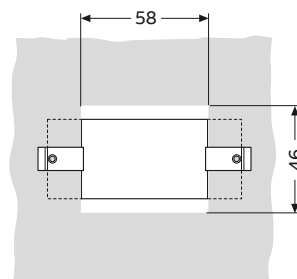


4 modules

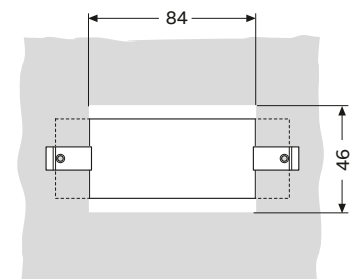
Drilling sheets



2 modules



3 modules



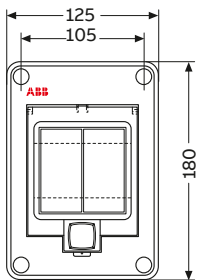
4 modules

Modules	code
2 modules	12 362
3 modules	12 363
4 modules	12 364

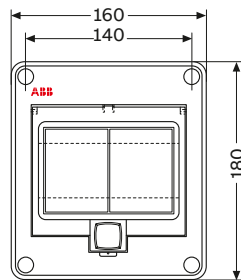
Consumer units technical details

IP 55 panel fronts

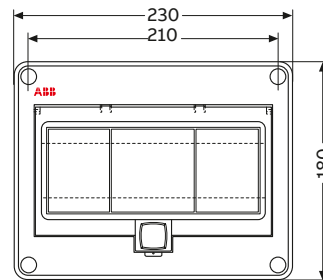
Front view



4 modules

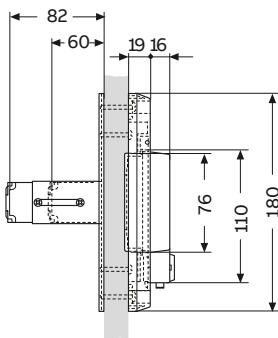


6 modules



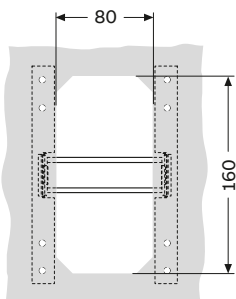
10 modules

Side view

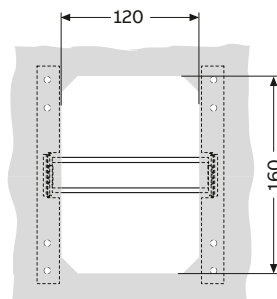


4-6-10 modules

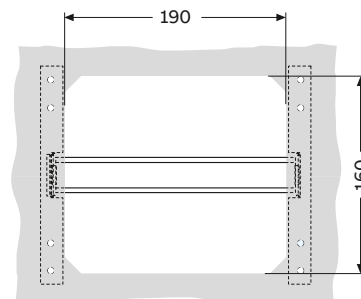
Drilling sheets



4 modules



6 modules



10 modules

Modules	code
4 modules	12 658
6 modules	12 659
10 modules	12 660