

Watertight wall-mounted distribution boards apply in domestic and industry architecture for mounting modular equipment for protection (IP65) against wet, dust and another dirtiness. Enclosure is made of high thermal stability material - ASA (Acrylonitrile-Acrylic-Styrene), plastic with good dielectrical and mechanical attributes, UV resistant (colour stability). Easy and quick montage.

Main elements:

- Bottom cover with DIN rail, PE and N bars and holes for PG cable inlets properly marked
- Top cover with seal of the door
- Transparent door made of polycarbonate (PC) with plastic lock (in standard) or metal lock with key (in option)

Technical data

Degree of protection	IP 65
Insulation class	II
Colour	RAL 7035
Double insulation	
Standard	IEC 60670-1, IEC 60670-24
Installation temperature	-20° / +60°C
Glow wire test	650°C

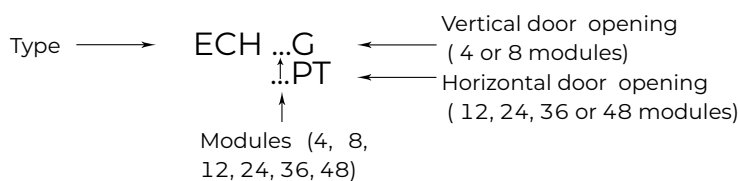
Number of N - PE terminals:

ECH-4G	2x4 4 PE / 4 N
ECH-6G	2x6 6 PE / 6 N
ECH-8G	2x8 8 PE / 8 N
ECH-12PT	2x10 10 PE / 10 N
ECH-18PT	2x13 13 PE / 13 N
ECH-24PT	2x15 15 PE / 15 N
ECH-36PT	2x15 15 PE / 15 N
ECH-48PT	2x20 20 PE / 20 N

Wall mounted distribution board - ECH

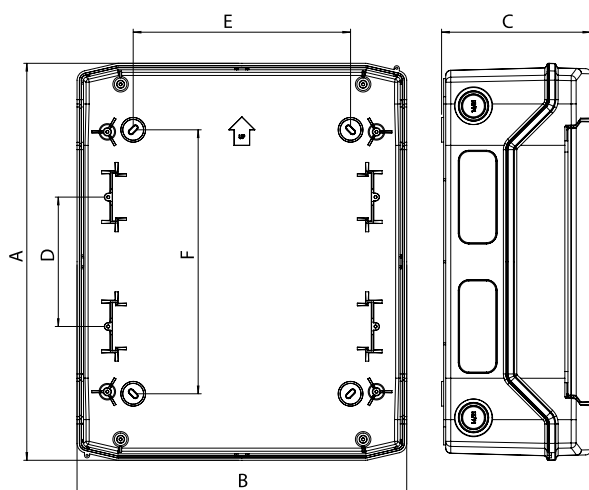
Type	Code No.	Number of modules			Rows
ECH-4G	001101060	4	460	1/5	1
ECH-6G	001101176	6	460	1/5	1
ECH-8G	001101061	8	680	1/5	1
ECH-12PT	001101062	12	1240	1/5	1
ECH-18PT	001100350	18	1700	1/5	1
ECH-24PT	001101063	24	1700	1/5	2
ECH-36PT	001101064	36	2310	1/5	3
ECH-48PT	001100304	48	3220	1/5	4

Enclosure designation



Dimensions

Type	Dimensions						Max. allowed power losses when Max. number of devices are installed Pde
	A	B	C	D	E	F	
ECH-4G	201 mm	128 mm	120 mm	-	-	140 mm	10 W
ECH-6G	201 mm	165 mm	118 mm	-	63 mm	140 mm	10 W
ECH-8G	201 mm	202 mm	120 mm	-	100 mm	140 mm	13 W
ECH-12PT	259 mm	319 mm	144 mm	-	210 mm	130 mm	16 W
ECH-18PT	259 mm	319 mm	144 mm	-	259 mm	130 mm	20 W
ECH-24PT	384 mm	319 mm	144 mm	125 mm	210 mm	255 mm	24 W
ECH-36PT	508 mm	319 mm	144 mm	125 mm	210 mm	380 mm	26 W
ECH-48PT	664 mm	319 mm	144 mm	125 mm	210 mm	505 mm	28 W



Accessories

Type	Description	Code No.		
ECH-L2K	Metal lock with 2 keys	001100204	50	1
PST-UNI	2x15 add-on terminal	001101051	100	1/25
MP-ECH	Modular cover - grey (12modules)	001101053	26	10/500

* PST-UNI is an extra insulating terminal (2 x 15) that can be mounted into 12, 24, 28, 36, 42, 48 and 56 module distribution boards



Metal Distribution Board DIDO MB

The DIDO MB series metal distribution boxes are designed to provide reliable and safe electrical distribution in residential and commercial installations. They are suitable for in-wall mounting (brick and hollow walls).

Included in the package:

- // DIN rail for circuit breaker installation
- // Insulated connectors for earthing and neutral connections, with a 960°C glow wire test

Additional accessories:

- // Lock with key (optional) for added security
- // Reversible door opening – switch between left or right-hand opening without dismantling the frame

Technical data

Degree of protection	IP30
Insulation class	I
Rated voltage	400V~
Colour	RAL 9003
Standard	IEC 60670-1, IEC 60670-24
Installation temperature	-25° / +60°C
Impact Protection	IK08

Flush mounted metal distribution board DIDO MBF 18 modules/row

Type	Code No.	Number of modules			Rows
MBF18-1	001108100	18	5,55	1	1
MBF18-2	001108101	36	7,76	1	2
MBF18-3	001108102	54	9,7	1	3
MBF18-4	001108103	72	11,56	1	4
MBF18-5	001108104	90	13,5	1	5
MBF18-6	001108105	108	15,38	1	6
MBF18-7	001108112	126	17,4	1	7
MBF18-8	001108113	144	19,4	1	8



Wall mounted metal distribution board DIDO MBW 18 modules/row

Type	Code No.	Number of modules			Rows
MBW18-1	001108106	18	5,82	1	1
MBW18-2	001108107	36	7,85	1	2
MBW18-3	001108108	54	9,88	1	3
MBW18-4	001108109	72	11,58	1	4
MBW18-5	001108110	90	13,58	1	5
MBW18-6	001108111	108	15,38	1	6
MBW18-7	001108114	126	17,6	1	7
MBW18-8	001108115	144	19,6	1	8



Flush mounted metal distribution board DIDO MBF 2x12 modules/row

Type	Code No.	Number of modules			Rows
MBF24-2	001108120	48	11,39	1	2
MBF24-3	001108121	72	14,31	1	3
MBF24-4	001108122	96	16,91	1	4
MBF24-5	001108123	120	19,50	1	5
MBF24-6	001108124	144	22,08	1	6
MBF24-7	001108130	168	25	1	7
MBF24-8	001108131	192	27,4	1	8

**Wall mounted metal distribution board DIDO MBW 2x12 modules/row**

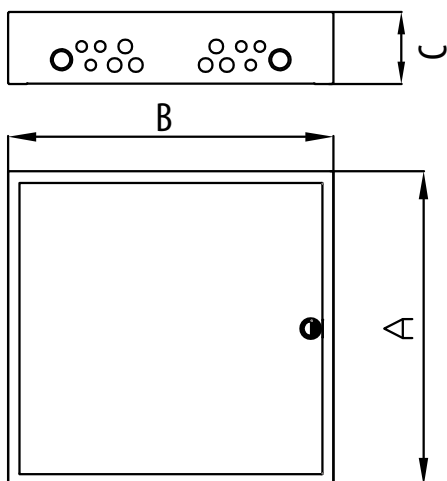
Type	Code No.	Number of modules			Rows
MBW24-2	001108125	48	11,46	1	2
MBW24-3	001108126	72	14,46	1	3
MBW24-4	001108127	96	16,96	1	4
MBW24-5	001108128	120	19,56	1	5
MBW24-6	001108129	144	22,05	1	6
MBW24-7	001108132	168	26	1	7
MBW24-8	001108133	192	29	1	8

**Accessories**

Type	Description	Code No.		
MB-NPE12	N-PETERMINAL 12 DIN (2x16)+(14x10), (2x16)+(14x10)	001108200	0,122	1
MB-NPE18	N-PETERMINAL STRIP 18 DIN (2x16)+(14x10), (2x16)+(14x10)	001108201	0,133	1
MB-NPE18L	N-PETERMINAL STRIP 18 DIN (15x25), (15x25)	001108202	0,203	1
MB-NPEH1	SET FOR INSTALLATION OF TERMINALS MODULAR SINGLE	001108203	0,0536	1
MB-NPEH2	SET FOR INSTALLATION OF TERMINALS MODULAR DOUBLE	001108204	0,0834	1
MB-PLATE12	MOUNTING PLATE MODULAR 12 DIN	001108205	0,341	1
MB-PLATE18	MOUNTING PLATE MODULAR 18 DIN	001108206	0,450	1
MB-FRONT12TB	TOP/BOTTOM FRONT PANEL 1X12 DIN MODULAR	001108207	0,425	1
MB-FRONT12M	FRONT PANEL 1X12 DIN MODULAR	001108208	0,231	1
MB-FRONT18TB	TOP/BOTTOM FRONT PANEL 1X18 DIN MODULAR	001108209	0,536	1
MB-FRONT18M	FRONT PANEL 1X18 DIN MODULAR	001108210	0,328	1
MB-FRONT18-1	FRONT PANEL 1X18 DIN FOR ONE ROW ENCLOSURE MODULAR	001108214	0,537	1
MB-COVER9	BLIND ELEMENT FOR DISTRIBUTION BOX 9DIN	001108211	0,018	1
MB-LOCK2KEY	LOCK WITH KEY FOR DISTRIBUTION BOX	001108212	0,024	1
MB-LATCH	LOCK FOR METALIS DISTRIBUTION BOX	001108213	0,005	1

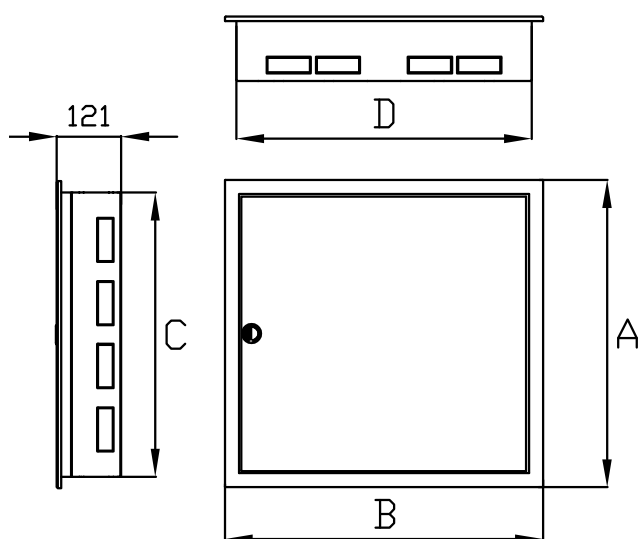


Dimensions



Dimensions

Type	Dimensions			Max. allowed power losses when Max. number of devices are installed Pde
	A [mm]	B [mm]	C [mm]	
MBW24-2	466	613	130	68
MBW24-3	591	613	130	98
MBW24-4	716	613	130	113
MBW24-5	841	613	130	173
MBW24-6	966	613	130	183
MBW24-7	1091	613	130	188
MBW24-8	1216	613	130	218
MBW18-1	300	450	130	43
MBW18-2	425	450	130	63
MBW18-3	550	450	130	68
MBW18-4	675	450	130	83
MBW18-5	800	450	130	108
MBW18-6	925	450	130	133
MBW18-7	1050	450	130	143
MBW18-8	1175	450	130	158



Dimensions

Type	Dimensions				Max. allowed power losses when Max. number of devices are installed Pde
	A [mm]	B [mm]	C [mm]	D [mm]	
MBF24-2	502	649	442	590	58
MBF24-3	627	649	567	590	78
MBF24-4	752	649	692	590	108
MBF24-5	877	649	817	590	158
MBF24-6	1002	649	942	590	168
MBF24-7	1127	649	1067	590	188
MBF24-8	1252	649	1192	590	203
MBF18-1	336	486	278	428	38
MBF18-2	461	486	403	428	58
MBF18-3	586	486	528	428	63
MBF18-4	711	486	653	428	68
MBF18-5	836	486	778	428	98
MBF18-6	961	486	903	428	118
MBF18-7	1086	486	1028	428	128
MBF18-8	1211	486	1153	428	143