ETI

Distribution boards

Home distribution board DIDO-E

Rated current	Rated voltage	Degree of protection
63 A	**400 V**	**IP 40**

→ N/PE terminals assure fast and simple wiring.

→ Included special marking stickers with symbols most common for home installations
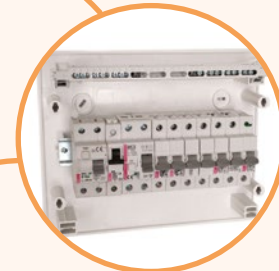
→ Standard set includes:
- metal DIN rail TH35 mounted in enclosure
- PE/N terminals
- mounting set with screws
- marking stickers with symbols
- cover for empty modular spaces

→ Possibility to add key lock to prevent unauthorized access.

→ Easy mounting system

Home distribution boards DIDO-E are available in two types: surface mounted and flush mounted boards, in one, two or three row design. Available with transparent or white doors. With lock set installation the board can be locked. Home distribution boards can easily be built in and already have a DIN rail installed for easier and quicker mounting of module devices. Terminal blocks for PE and N conductors are attached as standard for all distribution boards. Distribution boards correspond to condition of insulation protection and are in accordance with standard IEC60670-24.

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→ Standard set includes:
- metal DIN rail TH35
- PE/N terminals
- mounting set with screws
- marking stickers with symbols
- covers for mounting holes
- cover for empty modular spaces

→ Possible to seal enclosure, to prevent unauthorized access.

→ Left or right door opening

→ Prepaired points for glands (cable entry)

→ Tight closing with rubber between door and housing provide IP65. Also possible to install key lock

Wall mounted distribution board - ECH

Type	Code No.	Number of modules	Weight [g]	Packaging [pcs]	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

Type → E C H ... G ← Vertical door opening (4 or 8 modules)
.......PT ← Horizontal door opening (12, 24, 36 or 48 modules)

Modules (4, 8, 12, 24, 36, 48)

ECH-8G

ECH-4G

ECH-12PT

ECH-36PT
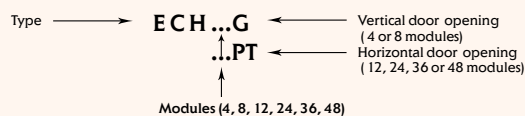
Accessories

Type	Description	Code No.	Weight [g]	Packaging [pcs]
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

lock with key ECH-L2k

terminal

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Technical data on page 798

Dimensions
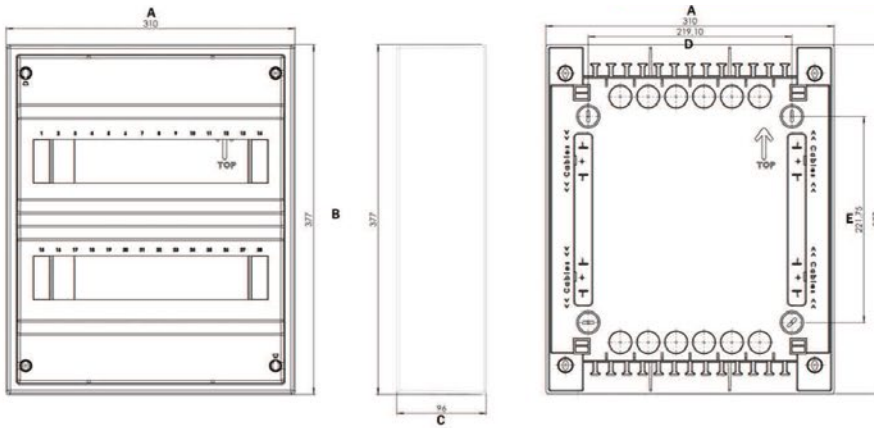
	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	Max. allowed power losses when Max. number of devices are installed
ACT12	310	251	96	96	219	30W
ACT24	310	377	96	219	222	40W
ACT36	310	502	96	219	347	60W

Modular distribution board for use outside DIDO-ECH

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 PE - N terminals:

ECH-4G	2x4	4 PE / 4 N
ECH-6G	2x6	6 PE / 6 N
ECH-8G	2x8	8 PE / 6 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

Dimensions

type	Dimensions						Max. allowed power losses when Max. number of devices are installed
	A	B	C	D	E	F	Pde
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

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