Home distribution board DIDO-E

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.

DIDO ECG are flush-mounted compact distribution boxes. They are suitable for installation in homes, schools and commercial buildings.

Main characteristics:

- wall box class II: all insulated, serial cable strain relief, line entrance from above and below with snap lock
- device cover: removable plastic plate, 12+2 MU – device recesses (1 MU=17.5 mm) for each row, can be leaded
- Thin design, only few mm visible outside the wall
- color: White RAL 9003

Enclosures are completely assembled with all necessary parts, such as:

- DIN rail
- Insulated terminals, neutral and ground
- Covers for free space
- Needed installation accessories, including parts for hollow wall fixing elements
- Manual instruction

Technical data

Degree of protection	IP 40*
Colour	white
Double insulation	☐
Standard	IEC60670-24
Installation temperature	-25° / +60°C

*IP 30 for EC 1+1, 3+1, 3+2

Number of N - PE terminals:

ECT/M8PT/P0	2x8…..8 PE / 8 N	
ECT/M12PT/P0	2x10	10 PE / 10 N
ECT/M18PT/P0	2x13	13 PE / 13 N
ECT/M24PT/P0	2x13	13 PE / 13 N
ECT/M36PT/P0	2x15	15 PE / 15 N
ECT48PT/P0	2x20	20 PE / 20 N
ECT/M 2x18PT/P0	2x15	15 PE / 15 N
ECT/M 3x18PT/P0	2x25	25 PE / 25 N
ECG14	2x10	10 PE / 10 N
ECG28	2x13	13 PE / 13 N
ECG42	2x15	15 PE / 15 N
ECG56	2x20	20 PE / 20 N
EC 1+1	-	
EC 3+1	-	
EC 3+2	2x4	4 PE / 4 N

Surface mounted distribution board

type	Dimensions					Max. allowed power losses when Max. number of devices are installed
	A	B	C	D	E	Pde
ECT8PT/ECT8P0	236 mm	215 mm	112 mm	107 mm	108 mm	14W
ECT12PT/ECT12P0	236 mm	287 mm	112 mm	107 mm	180 mm	22W
ECT18PT/ECT18PT	236 mm	396 mm	112 mm	107 mm	289 mm	22W
ECT24PT/ECT24P0	361 mm	287 mm	112 mm	232 mm	180 mm	24W
ECT36PT/ECT36P0	482 mm	287 mm	112 mm	357 mm	180 mm	26W
ECT48PT/ECT48P0	652 mm	287 mm	112 mm	357 mm	180 mm	28W
ECT2x18PT/ECT2x18P0	361 mm	396 mm	112 mm	232 mm	289 mm	26W
ECT3x18PT/ECT3x18P0	526 mm	396 mm	112 mm	357 mm	289 mm	26W
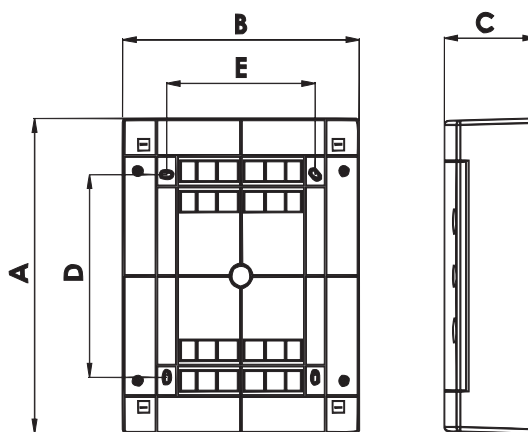
Flush mounted distribution board

type	Dimensions							Max. allowed power losses when Max. number of devices are installed
	A	B	C	D	E	F	G	Pde
ECM8PT/ECM8P0	212 mm	201 mm	68 mm	-	211 mm	232 mm	99 mm	14W
ECM12PT/ECM12P0	212 mm	273 mm	68 mm	-	283 mm	232 mm	106 mm	22W
ECM18PT/ECM18P0	212 mm	373 mm	68 mm	-	392 mm	232 mm	106 mm	22W
ECM24PT/ECM24P0	336 mm	273 mm	68 mm	125 mm	283 mm	357 mm	106 mm	24W
ECM36PT/ECM36P0	460 mm	273 mm	68 mm	125 mm	283 mm	482 mm	106 mm	26W
ECM2x18PT/ECM2x18P0	336 mm	373 mm	68 mm	125 mm	392 mm	357 mm	106 mm	26W
ECM3x18PT/ECM3x18P0	502 mm	373 mm	68 mm	125 mm	392 mm	522 mm	106 mm	26W
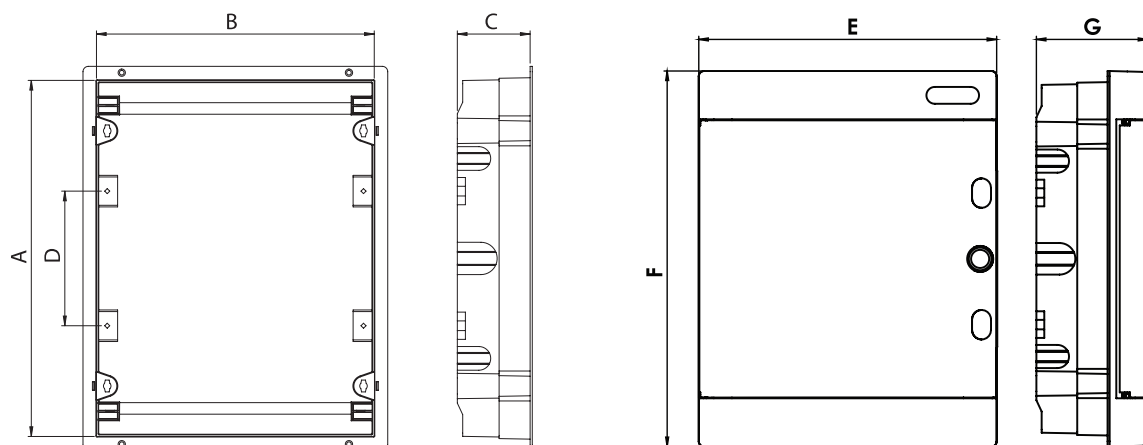
Flush mounted distribution board - metal door

type	Dimensions							Max. allowed power losses when Max. number of devices are installed
	A	B	C	D	E	F	G	Pde
ECG14	274 mm	306 mm	56 mm	33 mm	96 mm	317 mm	346 mm	31W
ECG28	399 mm	306 mm	56 mm	33 mm	96 mm	442 mm	346 mm	40W
ECG42	549 mm	306 mm	56 mm	33 mm	96 mm	592 mm	346 mm	50W
ECG56	673 mm	306 mm	56 mm	33 mm	96 mm	717 mm	346 mm	60W
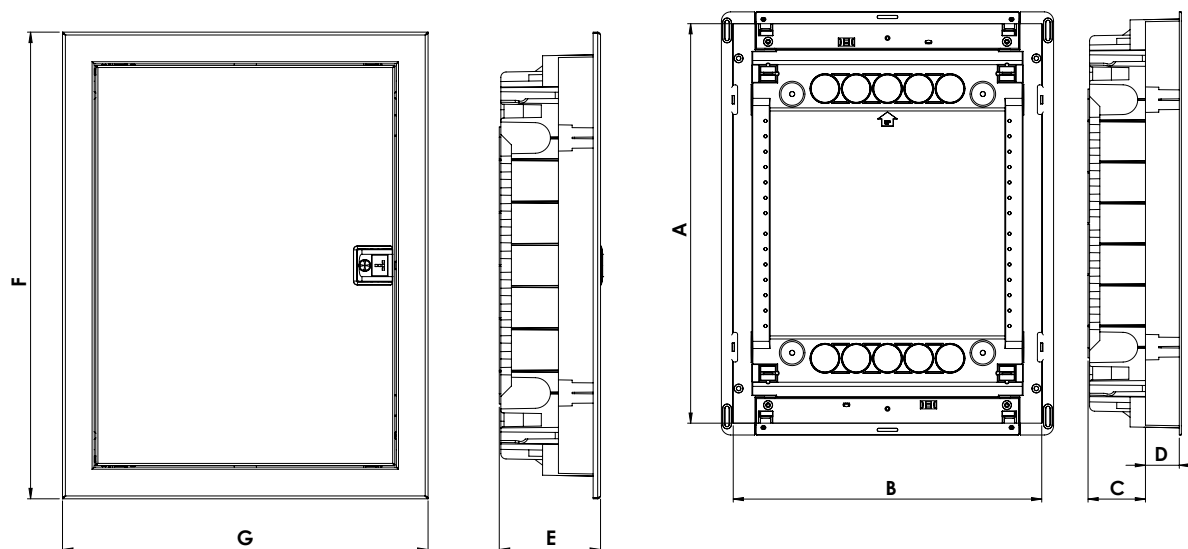
Surface mounted distribution board - IP30

type	Dimensions	Number of modules
EC 1+1	137 x 51 x 57	1 (+1)
EC 3+1	137 x 87 x 57	3 (+1)
EC 3+2	97 x 155 x 57	3 (+2)

Advantages
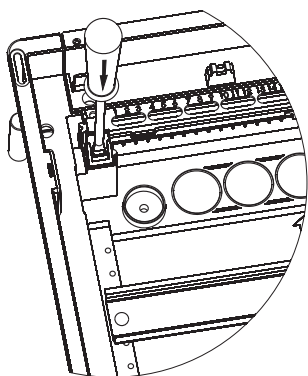
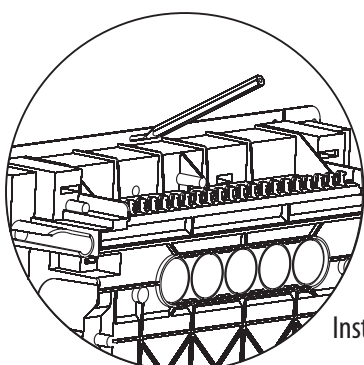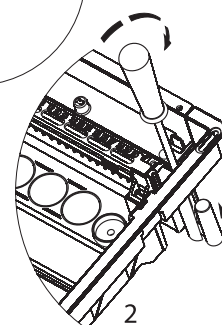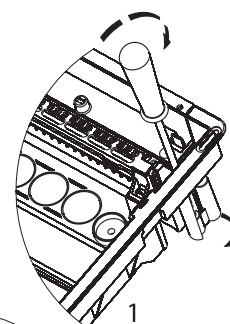Easy terminal mounting

Left or right door mounting

1 | 2

UNLOCK

LOCK

CLICK

PUSH
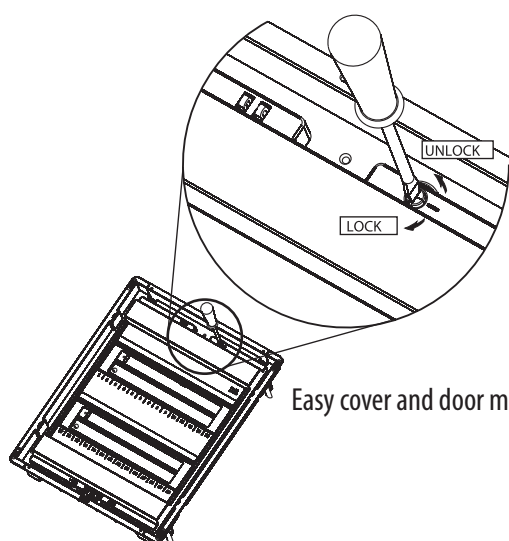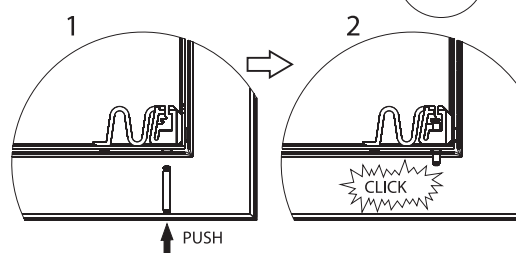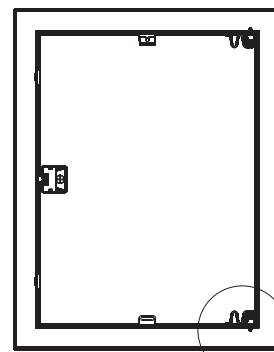
Easy cover and door mounting

1
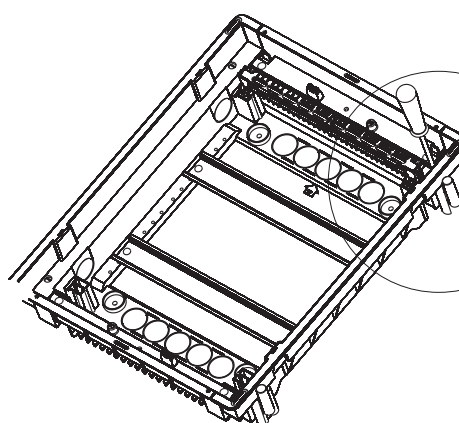
Holders for secure hollow wall installation

2

Installation marking slots for hollow walls

DATA