

EX PLASTIC SWITCHGEAR

[HOME](#) > [CATEGORIES](#) > [EX SWITCHGEAR](#) > [ATEX ZONE](#) > [EX PLASTIC SWITCHGEAR](#)

The Ex housing is a top-class product that was manufactured in accordance with currently applicable standards (PN-EN 60079-7). Molded plastic was used for its production. Its technological parameters reduce the rate of fire spread (flammability class UL 94 V0).

The described Ex housing is characterized by a modular structure, which makes it possible to create an extensive distribution system. It is possible to use a specialized wall mounting frame or dedicated stands.

The housings come in various sizes, which makes it easier to adapt them to individual customer requirements. The amount of free space is large enough to easily accommodate all the necessary modular devices, including: main switches, circuit breakers, contactors, time relays, residual current circuit breakers and motor starters. Switchboards on a TS 35 rail are used to mount the modules. All this makes replacing the necessary elements simple and completely hassle-free.

The modular equipment can be operated without opening the entire housing - all you need to do is choose the version with a service flap. It is worth mentioning that the mounting system is done without the use of screws. Thanks to this, cable entries made of brass or plastic can be installed in the board at any time.

BASIC DATA:

- Possibility of combining into larger distribution systems
- Operation flaps for easier use
- Simple assembly of components
- Protection type IP66
- Possibility of expanding the existing installation

TECHNICAL DATA:

- Marking according to 2014/34/EU (ATEX) D II 2G Ex de IIC T6, T5, T4 Gb / D II 2D Ex tD A21 IP66 T80°C / T95°C1)
- EU type examination certificate PTB 99 ATEX 1044

- IECEx Certificate of Conformity IECEx BKI 06.0007
- Marking according to IECEx Ex de ia/ib m [ia/ib] T4 ... T6
- Ex tD A21 IP66 T80°C
- Permissible ambient temperature -20°C to +40°C / -55°C to +55°C (option)
- Rated voltage 690 V
- Rated current 180 A
- Protection class I
- Clamp cross-section up to 240 mm²
- Glands according to customer specifications
- Protection level according to EN 60529 IP66
- Weight see order details
- Housing material: polyester reinforced with glass fiber
- Housing color: black

GALERIA PRODUKTU WRAZ Z PRZYKŁADOWYMI REALIZACJAMI



DOCUMENTS



Data sheet [Kliknij aby pobrać](#)

No.	Description	Installation width	Catalogue no.
1	Solid lid	106 mm	5.GEH 001 00
2	Cover with small operating flap	106 mm	5.GEH 001 01
3	Solid lid	213 mm	5.GEH 002 00
4	Cover with 1 operating flap	213 mm	5.GEH 002 01
5	Cover raised to accommodate main disconnecter = 80 A	213 mm	5.GEH 002 02
6	Solid lid	2 x 213 mm	5.GEH 003 00
7	Cover with 1 operating flap	2 x 213 mm	5.GEH 003 01
8	Cover with 2 operating flaps	2 x 213 mm	5.GEH 003 02
9	Cover with 1 operating flap and main disconnecter ≤ 40 A	1 x 213 mm	5.GEH 003 03
10	Cover raised to accommodate main disconnecter ≥ 80 A to 180 A	1 x 213 mm	5.GEH 003 04
11	Solid lid	3 x 213 mm	5.GEH 004 00
12	Cover with 1 operating flap	3 x 213 mm	5.GEH 004 01
13	Cover with 2 operating flaps	3 x 213 mm	5.GEH 004 02
14	Cover with 3 operating flaps	3 x 213 mm	5.GEH 004 03
15	Cover with 2 operating flaps and main disconnecter ≤ 40 A	1 x 213 mm	5.GEH 004 04

