

Ex Polyester enclosures



- Glass fibre reinforced polyester enclosure system for application in all Ex areas
- Empty enclosures for individual fittings and Ex e / Ex ia junction boxes
- Optional version with window
- Temperature classes T6 / T5 / T4



Technical Data

Explosion protection

Ex II 2 G

Ex II 2 D

Ex e II T6 (increased safety)

Ex ia IIC T6 (intrinsic safety)

Ex e(ia) IIC T6 (mixed fitting)

Certificates

IECEx PTB 08.0003U, PTB 01 ATEX 1061U, Gost R, INMETRO MC AEX-8296-U, Gost K

IECEx PTB 08.0004, PTB 00 ATEX 1002, Gost R, INMETRO MC AEX-8503-X, Gost K

Material

glass fibre reinforced duroplastic polyester, graphite added

Colour

RAL 9011, graphite black

Ingress protection

IP 66 to EN 60529

Impact resistance

7 Joule to EN 60079-0

Flammability

self-extinguishing, UL 94 V-0

Surface resistance

<10⁹ Ohm to IEC 60093

Toxicity

halogen-free

Temperature range

-20°C to +40°C (corresponds T6 = 85°C max. surface temperature)

-20°C to +55°C (corresponds T5 = 100°C max. surface temperature)

-20°C to +90°C (corresponds T4 = 135°C max. surface temperature)

to -55°C with special marking on request

Included in delivery

Empty enclosure:

Enclosure system with silicone seal

Junction box:

Enclosure system - depending on version

with silicone seal, DIN rails, internal

earthing connection, terminals, continuity

plate, manufacturing, cable glands

Product range

Order No.			
Ex e	Ex ia	empty enclosures	dimensions (H x W x D) mm
06.08 08 06	16.08 08 06	26.08 08 06	75 x 80 x 56
06.08 08 08	16.08 08 08	26.08 08 08	75 x 80 x 75
06.08 11 06	16.08 11 06	26.08 11 06	75 x 110 x 56
06.08 11 08	16.08 11 08	26.08 11 08	75 x 110 x 75
06.08 16 06	16.08 16 06	26.08 16 06	75 x 160 x 56
06.08 16 08	16.08 16 08	26.08 16 08	75 x 160 x 75
06.08 19 06	16.08 19 06	26.08 19 06	75 x 190 x 56
06.08 19 08	16.08 19 08	26.08 19 08	75 x 190 x 75
06.08 23 06	16.08 23 06	26.08 23 06	75 x 230 x 56
06.08 23 08	16.08 23 08	26.08 23 08	75 x 230 x 75
06.12 12 09	16.12 12 09	26.12 12 09	120 x 122 x 91
06.12 22 09	16.12 22 09	26.12 22 09	120 x 220 x 91
06.16 16 09	16.16 16 09	26.16 16 09	160 x 160 x 91
06.16 26 09	16.16 26 09	26.16 26 09	160 x 260 x 91
06.16 36 09	16.16 36 09	26.16 36 09	160 x 360 x 91
06.16 56 09	16.16 56 09	26.16 56 09	160 x 560 x 91
06.25 26 12	16.25 26 12	26.25 26 12	250 x 255 x 121
06.25 26 16	16.25 26 16	26.25 26 16	250 x 255 x 161
06.25 40 12	16.25 40 12	26.25 40 12	250 x 400 x 121
06.25 40 16	16.25 40 16	26.25 40 16	250 x 400 x 161
06.25 60 12	16.25 60 12	26.25 60 12	250 x 600 x 121
06.36 36 09	16.36 36 09	26.36 36 09	360 x 360 x 91
06.41 40 12	16.41 40 12	26.41 40 12	405 x 400 x 121
06.41 40 20	16.41 40 20	26.41 40 20	405 x 400 x 201

Accessories

Type	DIN rail* TS 15 TS 35	PE bar	PE bus bar	allen lid screws	sealable lid screws	external mounting brackets	external hinge	continuity plate	mounting plate
06/16/26.08 08 06	•		•	•	•	•		•	2,0
06/16/26.08 08 08	•		•	•	•	•		•	2,0
06/16/26.08 11 06	•		•	•	•	•		•	2,0
06/16/26.08 11 08	•		•	•	•	•		•	2,0
06/16/26.08 16 06	•		•	•	•	•		•	2,0
06/16/26.08 16 08	•		•	•	•	•		•	2,0
06/16/26.08 19 06	•		•	•	•	•		•	2,0
06/16/26.08 19 08	•		•	•	•	•		•	2,0
06/16/26.08 23 06	•		•	•	•	•		•	-
06/16/26.08 23 08	•		•	•	•	•		•	-
06/16/26.12 12 09	•		•	•	•	•	•	•	1,5
06/16/26.12 22 09	•		•	•	•	•	•	•	1,5
06/16/26.16 16 09	•	•		•	•	•	•	•	1,5
06/16/26.16 26 09	•	•		•	•	•	•	•	1,5
06/16/26.16 36 09	•	•		•	•	•	•	•	2,0
06/16/26.16 56 09	•	•		•	•	•	•	•	2,0
06/16/26.25 26 12	•	•		•	•	•	•	•	2,0
06/16/26.25 26 16	•	•		•	•	•	•	•	2,0
06/16/26.25 40 12	•	•		•	•	•	•	•	2,0
06/16/26.25 40 16	•	•		•	•	•	•	•	2,0
06/16/26.25 60 12	•	•		•	•	•	•	•	2,0
06/16/26.36 36 09	•	•		•	•	•	•	•	2,0
06/16/26.41 40 12	•	•		•	•	•	•	•	2,0
06/16/26.41 40 20	•	•		•	•	•	•	•	2,0

* TS 32 on request

External mounting brackets (4 pcs.) for xx.08 11 08 bis xx.08 16 08

10.03 11 01

External mounting brackets (4 pcs.) from xx.08 19 08

10.03 11 02

External hinge (pair) from xx.12 12 09

10.02 70 01

For further technical informations see page 126 ff