

Polyester Ex



- + Glass fibre reinforced enclosure system of polyester-resin for use in hazardous areas
- + Available as a component (U approval) or as a fully certified device including the installation of terminals or electronic equipment
- + With window optional

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

Technical datas

Explosion protection	II 2 G Ex eb IIC T6/T5/T4 Gb II 2 G Ex ia IIC T6/T5/T4 Gb II 2 G Ex db eb ia [ia] mb IIC T6/T5/T4 Gb II 3 G Ex eb db mb ia [ia Ga] nA nC [op is] IIC T6, T5, T4 Gc II 2 D Ex tb IIIC T85 °C/T100 °C/T135 °C Db IP66
Certificates	PTB 00 ATEX 1002 IECEX PTB 08.0004 EAC RU C-DE.AA87.B.00637
Material	glass fibre reinforced duroplastic polyester, graphite added
Colour	RAL 9011, graphite black
Ingress protection	IP66 to EN 60529
Impact resistance	7 Joule to EN 60079-0
Flammability	self-extinguishing, UL 94 V-0
Surface resistance	<10 ⁹ Ohm to IEC 60093
Toxicity	halogen free
Ambient temperature range	-55 °C to +135 °C
Other execution on request	EMC