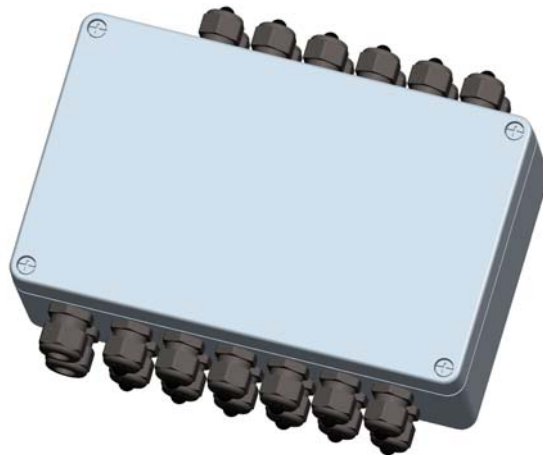


Terminal box 24x2, Ex e, type 6982-12

- Clamping points for additional wiring of I/O signals



Description

Terminal box with aluminium die-cast casing IP66 with clamping points to distribute the I/O connections of System 3003 FFB (aircraft refuelling).

Application

Terminal box can either be mounted in the tank truck or stationary. Cables are inserted by means of screw connections. Connection to basic module via two multi-pole cables.

Function

The terminal box serves as a clamping unit to extend the clamping space in System 3003 FFB (aircraft refuelling).

Technical data

Device-specific data	
Nominal conditions	23 ± 2 °C
Nominal voltage	24 V DC
Nominal current max.	11 A
Electrical data	
Connection type	24 double series terminals with screw connection max. 2.5 mm ² 4 ground terminals max. 2.5 mm ² 24 cable glands ATEX M16x1.5 bk/wt clamping range 5 ... 10 mm 2 cable gland ATEX M20x1.5 bk/wt clamping range 6.5 ... 12 mm
Ambient conditions	
Operating temperature	-20 ... + 50 °C
Storage temperature	-20 ... + 70 °C
Protection type	IP66 in accordance with DIN 40050
Climatic class	JWF in accordance with DIN 40050
Mechanical data	
Weight	Approx. 2.1 kg
Casing material	Aluminium
Equipment group/-category/type of protection	II 2 G Ex e IIC T6 Gb
Certificate	PTB 00 ATEX 1063
Norms	EN 60079-0, EN 60079-7
Dimensions	See dimensional drawing
Dimensions	
<p>The drawing shows three views of the terminal box. The top view is a rectangle with a width of 240 mm and a height of 110 mm. It features a hole with a diameter of Ø7 mm. The front view shows a width of 260 mm and a depth of 90 mm. The side view shows a height of 90 mm and a depth of 160 mm.</p>	
Ordering details	
Designation	Order no.
Terminal box 24x2, Ex e, type 6982-12	356451
Cable 24x0.5 shielded, petrol-resistant (not ready-made!)	U660021
Cable 10x0.5 shielded, petrol-resistant (not ready-made!)	209702