



ISO 9001
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INDEX CARD

Flameproof boxes of SFIS inverters and controllers

Flameproof boxes of **SFIS** inverters and controllers can be used in flameproof locomotives as boxes of control apparatus and inverters. Flameproof boxes of SFIS inverters and controllers can also be used to accommodate control, measurement and control equipment as needed.

ATEX

Flameproof box of SFIS inverters and controllers	
Dimensions: - width - depth - height	- 920mm - 445mm - 460mm
Type, number of grooves	WKp-2 – 2pcs. WMg-1a – 7pcs.
Working temperature	from -10° C to +40° C
Work location	horizontal
Total weight	about 120kg
WE-type examination certificate	KDB 10ATEX114X
ATEX marking	I M2 Ex d [ia] I Mb



The flameproof box of SFIS inverters and controllers, as a flameproof enclosure, is made in the form of a cuboid with dimensions of ~ 460 mm (height) x ~ 445 mm (depth) x 920 mm (width).


Flame-proof boxes of inverters and SFIS controllers, depending on the needs, can work with one or two cables or main (power) cables and several cables or control cables.

Cable glands of the WKp type (WKp-1, WKp-2, WKp-3, WKp-4) and the R-WMg type cable inlet reduction with the WMg type cable inlet (WMg-1, WMg-2, WMg-1a, WMg-2a).

If one of the cable inlet sockets is not used, it should be closed with a Z-WKp plug. Cable inlets of WMg type (WMg-1, WMg-1a, WMg-2, WMg-2a) are used to insert control cables or wires.

Certificate:

Flame-proof boxes of **SFIS** inverters and controllers have the WE type examination certificate: **KDB 10ATEX114X / 2** of **20.10.2014**. as a supplement to the WE-type examination certificate: **KDB 10ATEX114X** of **04.10.2010**. issued by the Central Mining Institute, the Certification Body of the Experimental Mine "Barbara". Flameproof boxes of SFIS inverters and controllers are marked with:

 **I M2 Ex d [ia] I Mb**