



SOD-01 Control Cabinet

Certificate: ATEX



Technical Parameters of SOD-01:

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|----------------------|----------------------|
| Model | I M2 Ex d I |
| Supply voltage | 42VAC |
| Input power | 8.5 VA |
| Maximum switched U/I | 100VAC / 0.5A |
| Ambient temperature | -20 - +40°C |
| Relative humidity | 95% w/o condensation |
| Protection | IP 54 |
| Dimensions | 530 x 230 x 177mm |
| Weight | 30kg |

Use:

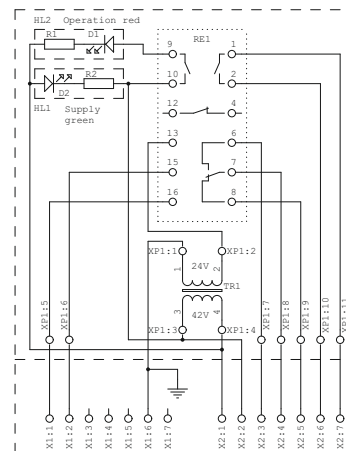
The SOD-01 control cabinet is used for remote control of a mine machine e.g. a combine. It is intended for an environment with a methane and coal dust explosion hazard.

Description:

The control cabinet is equipped with a transformer, relay, LED and terminal block. Electrical and electronic devices are situated in a firm enclosure. The terminal block space is made as a firm enclosure.

The internal connection and equipment is made according to a specification supplied by the customer. The instrument space formed by a firm enclosure has a cover and a sight glass. Under the sight glass there is LED signalling voltage and LED signalling the switched-on status of the relay.

The supply voltage is led to the transformer. One phase is led from the transformer to one relay coil pole and the other phase is connected to the ground. The relay switches by means of a rectifier diode connected between the second relay coil pole and the ground. Depending on the relay status its contacts are connected or disconnected.



Example of the SOD-01 control cabinet connection

The catalogue has only those selected important parameters for your final decision. For project designs always ask for the user's guide for this product and any engineering consultation about possible uses.