INTRINSICALLY SAFE MINING SWITCH ISG-1

Catalogue card

DESCRIPTION

Intrinsically safe mining switch ISG-1 is a stationary device designed to connect devices in Ethernet standard. It has from two to eight communication ports. The ports can be configured to work in the appropriate communication standard (electric 10/100BASE-T/TX or fiber optic 100BASE-FX), according to the order.

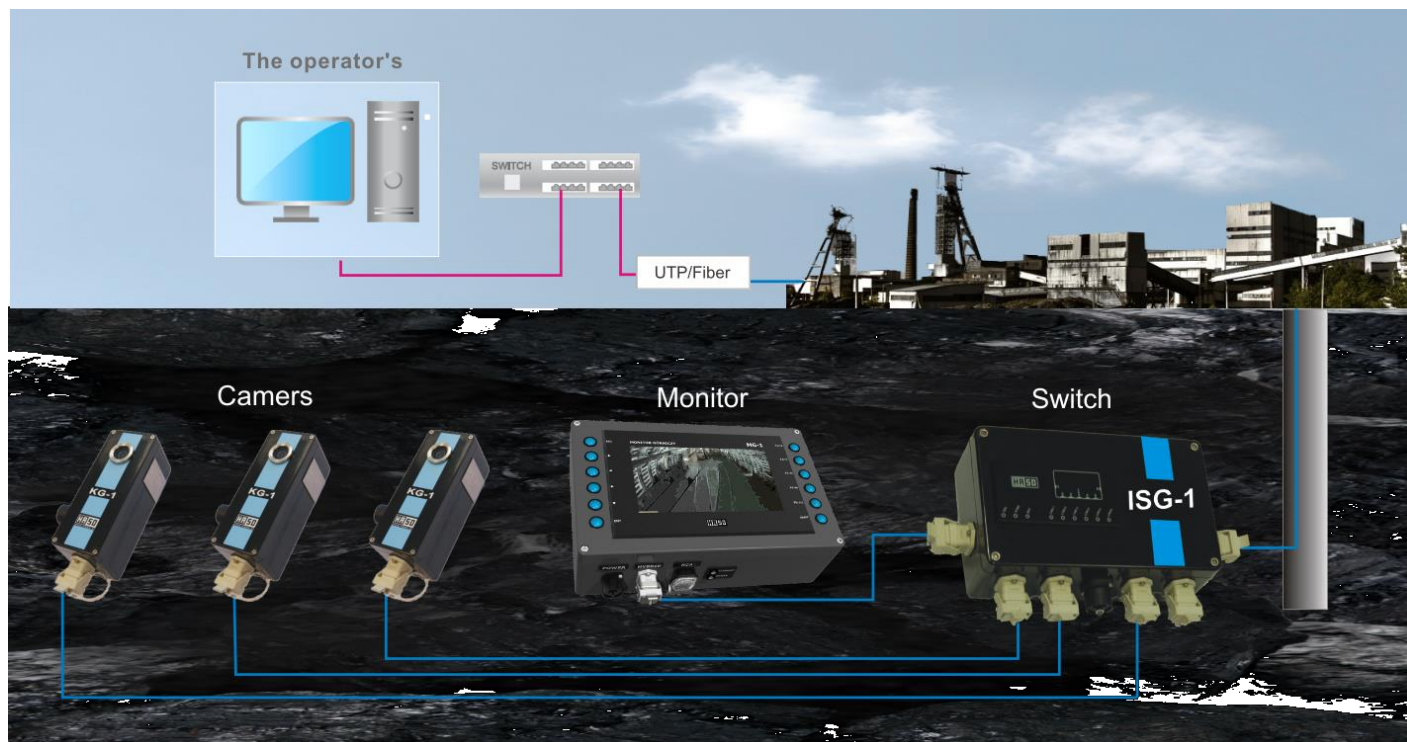The device can be powered by different power sources depending on the needs:

• the power connector (or wire inserted into the housing through the gland)

• the hybrid communication interfaces.

TECHNICAL DATA

Intrinsically safe mining switch ISG-1	
Power supply	Un = 12÷24V DC In = max. 0,8A
Power autonomy	4 h
Working temperature	from -20 $^{\circ}$C to + 60°C
Relative humidity range	from 0% to 99% without condensation
External dimensions	polyester housing: 160 x 260 x 90 mm metal housing: 380 x 380 x 210 mm or 600 x 380 x 210 mm or 380 x 600 x 350 mm
Casing internal protection	IP65
Transmission speed: LAN (Ethernet) LAN (optical)	 10/100 Mbps (10/100BASE-T/TX) 100 Mbps (100BASE-FX)

An example configuration of intrinsically safe mining switch ISG-1

EXPLOSION-PROOF MARK

⟨Ex⟩ I M1 Ex ia op is I Ma   EC type examination certificate: TEST 16 ATEX 0011X