

SAFETY, PROTECTION, COMPATIBILITY AND EXPLOSION PROOF

Isolating repeater is equipped with protection against input and output current overload.

Connection to supply can be only through fuse or overcurrent circuit breaker (max. 16 A). Working areas according to EN 60079-10 non-explosive, or installation in flameproof enclosure "d".

Unit is sheltered by fuse T80 mA (variant 230 V) and T500 mA (variant 24 V).

Electrical equipment of protection group II. Electrical safety according to EN 61010 - 1.

Electromagnetic compatibility according to EN 55022, EN 61326, EN 61000-6-2, EN 61000-4-2, -3, -4, -5, -6, -11.

The intrinsic safety of input terminals of the unit according to EN 60079-0 and EN 60079-11. Explosion proof of Intrinsically safe supply units examined by FTZÚ-AO 210 Ostrava-Radvanice, certificate No.: FTZÚ 05 ATEX 0167X.

A declaration of conformity was issued for this device in the wording of Act No. 90/2016 Coll., as amended. Supplied electrical equipment matches the requirements of valid European directives for safety and electromagnetic compatibility.

Special conditions for safe use

When applied in mining conditions must IRU-420 units located either in a safe non-explosive area, or must be placed inside the flameproof enclosure type "d".

PACKING, SHIPPING AND STORAGE

The IRU-420 device is supplied packaged in a cardboard box that protects it against mechanical damage.

When handling and during transport, it is necessary to prevent impacts and falls.

The IRU-420 electrical device must be stored in dry enclosed areas with humidity up to 85%, free of aggressive vapours at temperatures between -10°C and 50°C, and must be protected against the effects of weather.

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