Features

- 2-channel
- · DIN rail mount module
- For intrinsically safe or non-intrinsically safe 30 V applications
- · Protects field or control circuit inputs
- Max. surge current (8/20 μs) 20 kA
- Uninterruptable operation (auto reset)

Function

The device limits induced transients of different causes, e. g. lightning or switching operations. The limitation is achieved by diverting the current to earth and limiting the signal loop voltage during the duration of the overvoltage pulse.

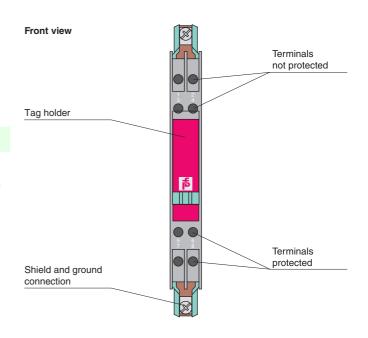
The device is HART transparent.

The device is mounted on a 35 mm DIN mounting rail according to EN 60715.

Note:

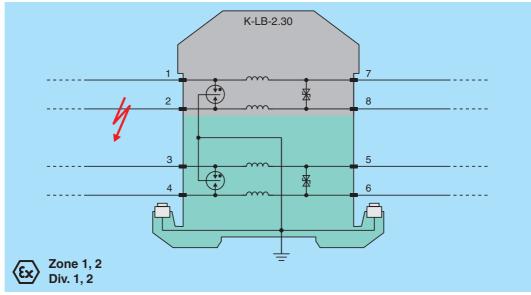
Always connect the device to high-quality ground connections. The device must have the same potential as the devices it protects. Install the ground system in accordance with the applicable regulations.

Assembly



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Connection



4

non-grounded

protected area: terminals 5, 6; 7, 8 unprotected area: terminals 1, 2; 3, 4

General specifications Number of protected signal lines

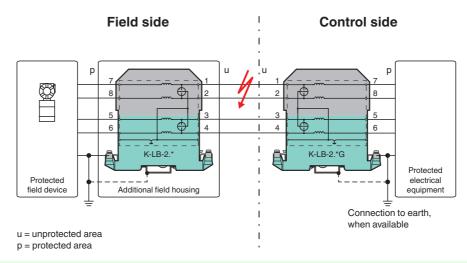
Electrical specifications

Topology

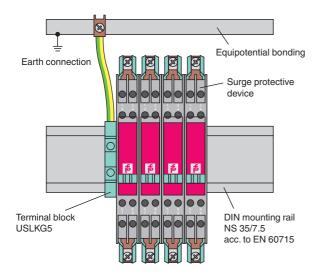
Connection

Observe the certificates, declarations of conformity, instruction manuals, and manuals where applicable. For information see www.pepperl-fuchs.com.

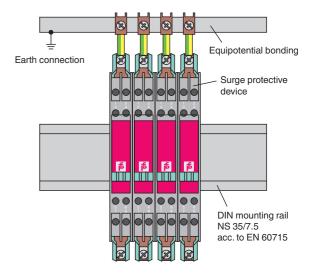
Topology



Installation examples



Insulated mounting (group grounding)



Insulated mounting (individual grounding)