

Safety Instructions

HAW569

Surge arrester

ATEX, IECEx: Ex db IIC T6 Gb

CSA: AEx d IIC T6, Ex d IIC T6



HAW569

Surge arrester

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Associated documentation

All documentation is available on the Internet:
www.endress.com/Deviceviewer
(enter the serial number from the nameplate).



If not yet available, a translation into EU languages can be ordered.

To commission the device, please observe the Operating Instructions pertaining to the device:
www.endress.com/<product code>, e.g. HAW569

Supplementary documentation

Explosion protection brochure: CP00021Z

The explosion protection brochure is available on the Internet:
www.endress.com/Downloads

Certificates and declarations**IECEX certificate**

Certificate number: IECEX DEK11.0013X

Affixing the certificate number certifies conformity with the following standards (depending on the device version)

- IEC 60079-0 : 2017
- IEC 60079-1 : 2014

ATEX certificate

Certificate number: DEKRA 11ATEX0034 X

CSA certificate

Certificate number: 17CA70159199

EU Declaration of Conformity

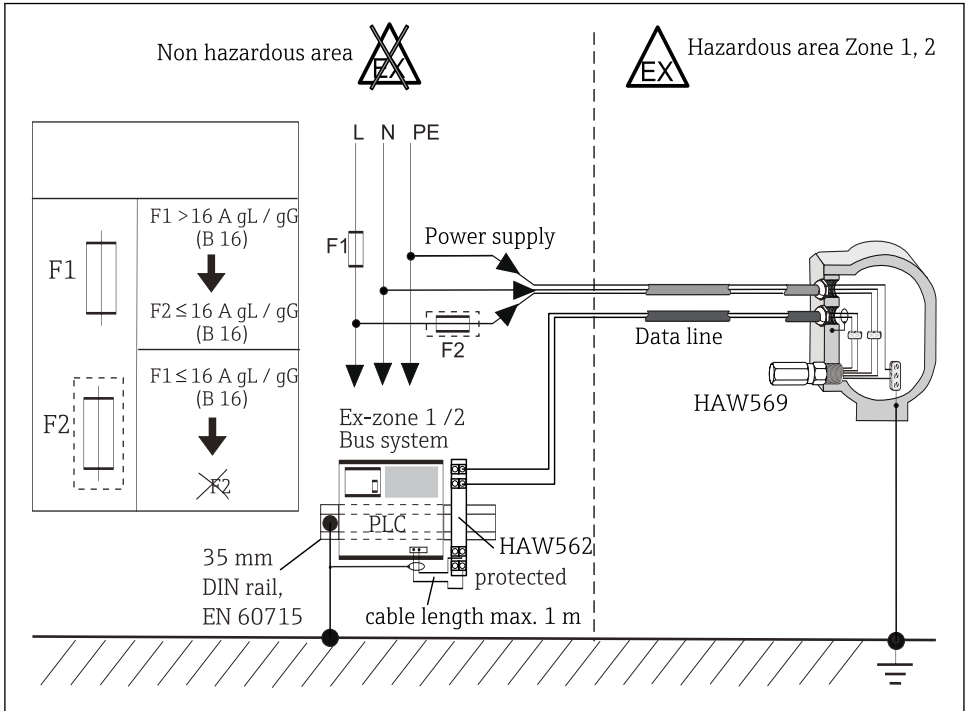
Declaration number: EC_00074

The EU Declaration of Conformity is available on the Internet:
www.endress.com/Downloads

Certificate holder

Endress+Hauser Wetzler GmbH + Co. KG
Obere Wank 1
87484 Nesselwang, Germany

Safety instructions



Safety instructions: Installation

- Comply with the installation and safety instructions in the Operating Instructions.
- Install the device according to the manufacturer's instructions and any other valid standards and regulations (e.g. EN/IEC 60079-14).
- According to manufacturer's instructions, this equipment can be used in zone 1 or 2.
- All metal parts in the potentially explosive area have to be connected to the equipotential bonding system.
- The connection between the enclosure of the terminal equipment and local mass must have a minimum cross-section of 4 mm^2
- All earth connections have to be secured.
- For installation into a flameproof enclosure, min. 5 threads must be engaged.
- The protection against twisting and degree of protection IP67 has to be ensured by taking corresponding measures.
- The free end of the permanently connected field wiring is to be connected in an appropriate way in a suitable Ex d junction box.

Temperature tables

ATEX/IECEX:

Type	Temperature class	Ambient temperature
HAW569	T6	$-40\text{ °C} \leq T_a \leq +70\text{ °C}$
	T5	$-40\text{ °C} \leq T_a \leq +80\text{ °C}$

CSA:

Type	Temperature class	Ambient temperature
HAW569	T6	$-40\text{ °C} \leq T_a \leq +70\text{ °C}$
	T5	$-40\text{ °C} \leq T_a \leq +80\text{ °C}$
	T4	

Electrical connection data

Type	Electrical data
HAW569	Supply $U_c = 255\text{ V}_{AC}$
	Data lines $U_c = 32\text{ V}_{DC}$

Category	Type of protection (ATEX, IECEx)
II 2 G	Ex db IIC T6...T5 Gb

Category	Type of protection (CSA)
Class I, Division 1, Division 2, Groups A, B, C and D Class II, Division 1, Division 2, Group E, F and G Class III, Division 1, Division 2	Ex d IIC T4...T6
Class I, Zone 1	AEx d IIC T4...T6



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