

Translation
1. SUPPLEMENT

to Certificate No. TÜV 11 ATEX 556139 X
Equipment: Safety Temperature Limiter STB/STW 701155

Manufacturer: JUMO GmbH & Co. KG

Address: Moritz-Juchheim-Straße 1
 36039 Fulda

Order number: 8000445795
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Amendments:

Within the scope of the supplement different changes of the software were evaluated and the compliance to the actual standards was checked.

The electrical data will be corrected as follows:

For types STB/STW 701155 / * - ** - ** - **** - 23 / *** , *****

Supply circuit $U_N = 110$ up to 240 V AC +10% / -15%, 48 up to 63 Hz
 (Terminals N and L1) $U_M = 250$ V

For types STB/STW 701155 / * - ** - ** - **** - 25 / *** , *****

Supply circuit $U_N = 20$ up to 30 V DC or AC, 48 up to 63 Hz
 (Terminals L- and L+) $U_M = 250$ V

For all types

Supply circuit $U_O = 6$ V
 (Terminals 1, 2, 3 and 6, 7, 8) $I_O = 41,2$ mA
 $P_O = 61,8$ mW

Maximum permissible external reactance for separate occurrence of the inductance and capacitance:

$L_o = 20$ mH
 $C_o = 36,3$ μ F

The maximum permissible external reactance for simultaneous occurrence of the inductance and capacitance for gas group IIC has to be taken from the following table.

L_o [mH]	0,2	0,1	0,05	0,01
C_o [μ F]	0,2	1,1	2,2	7,3

Binary input $U_M = 250$ V
 (Terminals 4 and 5)

Analog output $U_M = 250$ V
 (Terminals 9 and 10)

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Relay output
(Terminals 11, 12, 13) $U_M = 250 \text{ V}$
 $I_{\max} = 3 \text{ A}$

Relay output
(Terminals 14, 15, 16) $U_M = 250 \text{ V}$
 $I_{\max} = 3 \text{ A}$

All other data apply unchanged for this supplement.

The permissible ambient temperature range will be corrected as follows:

Permissible ambient temperature in use:	0 °C	up to +55 °C
Permissible ambient temperature for storage:	-30°C	up to +70 °C

The scope of EN 60079-26:2015 no longer applies to the Safety Temperature Limiter STB/STW 701155.

The equipment incl. of this supplement meets the requirements of these standards:

EN 60079-0:2012

EN 60079-11:2012

EN 50495:2010

EN 13463-6:2005

(16) The test documents are listed in the test report No. 15 203 158370.

(17) Special conditions for safe use

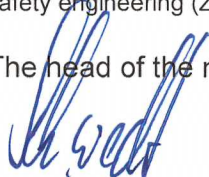
no additional ones

(18) Essential Health and Safety Requirements

no additional ones

TÜV NORD CERT GmbH, Langemarckstraße 20, 45141 Essen, notified by the central office of the countries for safety engineering (ZLS), Ident. Nr. 0044, legal successor of the TÜV NORD CERT GmbH & Co. KG Ident. Nr. 0032

The head of the notified body



Schwedt

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