

## Safety temperature monitor



### Technical Data

#### General:

Product Type: 8146/5041-STW25A/+50- +300°C

Product Description: Safety temperature monitor

#### Explosion Protection:

IECEX gas explosion protection: Ex db eb IIC T6 Gb

IECEX dust explosion protection: Ex tb IIIC T80 °C Db

ATEX gas explosion protection: II 2 G Ex db eb IIC T6 Gb

ATEX dust explosion protection: II 2 D Ex tb IIIC T80 °C Db

Certificates: ATEX (PTB), Brazil (ULB), Canada (FM), China (NEPSI), IECEX (PTB), India (PESO), Korea (KGS), Taiwan (ITRI), USA (FM)

Declaration of Conformity: ATEX (EUK), China (CCC)

#### Electrical Data:

Rated operational voltage AC: 400 V

Rated operational current: 16 A (T6)

#### Output:

Max. output AC load condition: 1 to 4 400 V AC1 / 6.3 A 1 to 2 400 V AC1 / 16 A

#### Ambient Conditions:

Ambient temperature: -40 °C ... +40 °C

#### Mechanical Data:

Degree of protection (IP): IP66

Enclosure material: Polyester resin, Glass fibre reinforced

Contacts: 1 change-over contact

Capillary tube diameter: 1.5 mm

Capillary tube length: 1.00 m

#### Components:

Cable entry material: Polyamide, black

Cable glands and entries: 1 x M20 Ø 4 ... 13 mm

Example Type: 8146/5041-STW25A/+50- +300°C | Art. No. 136119

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