

Resistance isolator Ex i field circuit ISpac



Technical Data

General:

Product Type: 9180/10-77-11s

Explosion Protection:

IECEx gas explosion protection: Ex ec nC [ia Ga] IIC T4 Gc

IECEx dust explosion protection: [Ex ia Da] IIIC

ATEX gas explosion protection: II 3 (1) G Ex ec nC [ia Ga] IIC T4 Gc

ATEX dust explosion protection: II (1) D [Ex ia Da] IIIC

Certificates: ATEX (BVS), Brazil (ULB), Canada (FM), China (NEPSI), IECEx (BVS), India (PESO), Korea (KTL), USA (FM)

Ship approval: CCS, EU RO MR (DNV)

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

Safety Data:

Max. voltage U_o : 6.50 V

Max. current I_o : 16.5 mA

Max. power P_o : 27 mW

Safety-related max. voltage: 253 V

Electrical Data:

Number of channels: 1

Measuring range: 18 to 391 Ω

Auxiliary Power:

Auxiliary power: 24 V DC

Input:

Medium resolution input: 0.0200 Ω

Line fault and loss of power signalisation : - Contact (30 V/100 mA), closed against earth in case of error
- pac-Bus, potential-free contact (30 V/100 mA)

Input for resistance temperature detector: Pt 100

Output:

Output signal: Equal to input signal (resistance value)

Settling time output: < 10 ms

Response time output: < 1 s

Ambient Conditions:

Ambient temperature: -20 °C ... +70 °C (Single device) -20 °C ... +60 °C (Group assembly)

Storage temperature: -40 °C ... +80 °C

Mounting / Installation:

Mounting type: DIN rail NS35/15, NS35/7.5

Connection type: Screw terminal

Example Type: 9180/10-77-11s | Art. No. 160491

Manufacturer: R. STAHL Schaltgeräte GmbH | Am Bahnhof 30 | 74638 WALDENBURG | r-stahl.com