

INTERFACE MODULE IS-IM1A.1



APPROVALS



ATEX approval: Ex-Zone 1/21 requested
⊗ II 2G Ex eb mb [ib Gb] IIC T4 Gb
⊗ II(2)D [Exib Db] IIIC
I(M1) [Ex ia Ma] I
EPS 25 ATEX 1 001 X



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2G Ex eb mb [ib Gb] IIC T4 Gb
[Ex ib Db] IIIC
[Ex ia Ma] I
IECEx EPS 25.0001 X

TECHNICAL FEATURES

INPUT POWER	24V _{DC} ±10%, 1.2A
DIMENSIONS	Size: 106,3 x 90,5 x 62,0 mm weight: ± 450 g
AMBIENT OPERATING TEMPERATURE	-20 °C ≤ Ta ≤ +60 °C
DIN RAIL MOUNTING IEC/EN 60715	TH 35 x 7,5
PROTECTION CLASS	Module: IP68 - Terminal: IP20
CONNECTION METHOD	Push-in Spring Connection
INTERFACES	X1: IS-DS940.x Host Interface X2: USB 1.1 Ex i X3: 24 V Power Input X4: Ethernet Ex e X5: USB 2.0 Ex e X6: USB BUS Ex e
SPECIFICATION – X2 : USB 1.1 Ex i	U _o = 5,36 V I _o = 242 mA P _o = 624 mW C _o = 65 µF L _o = 1,0 mH
SPECIFICATION – X3 : 24 VDC INPUT	U _i = 30 V
SPECIFICATION – X4 : ETHERNET Ex e	U _m = 24 V I _m = 200 mA
SPECIFICATION – X5 : USB 2.0 Ex e	U _o = 5,5 V I _o = 500 m
SPECIFICATION – X6 : USB BUS Ex e	U _o = 5,5 V I _o = 500 mA