INDUSTRIAL COMPONENT DATA

MINI MCR-EX-SD-16-50-LP 1157869 PHOENIX CONTACT Ex i-Valve control block to activate solenoid valves with in..

Brand: PHOENIX CONTACT | Manufacturer Part Number: MINI MCR-EX-SD-16-50-LP



Manufacturer	PHOENIX CONTACT
MPN / Reference	MINI MCR-EX-SD-16-50-LP
Catalog number	1157869
Category	Isolation amplifier
Minimum order	1 Pcs
Document ID	EO-3D57225E10
Generated	2026-11-19

Product Overview

Ex i-Valve control block to activate solenoid valves with intrinsic safety in the Ex zone. no-load voltage: 16 V DC, current limitation: 50 mA, Standard configuration, Loop-powered, Safety Integrity Level (SIL, IEC 61508): 3, Screw connection
Ex i, Valve control block for operating intrinsically safe solenoid valves in the Ex. zone No-load voltage: 16 V, current limiting: 50 mA, Loop-powered, Safety Integrity Level (SIL, IEC61508): 3, Screw connection
Ex i-Valve control module for the control of Ex i solenoid valves in the Ex zone. no-load voltage: 16 V DC, current limitation: 50 mA, Standard configuration, Loop Powered, Safety Integrity Level (SIL, IEC 61508): 3, Screw connection

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path	PHOENIX CONTACT > INTERFACE Components (IF)

Additional Product Information

Technical dataArticle featuresProduct Type Valve control module
Product Family MINI Analog Pro
Electrical characteristicsGalvanic isolation
Overvoltage Category II (<= 5000 m)
Degree of pollution 2 (<= 5000 m)
Galvanic Isolation Input/Output IEC/EN 61010-1
Standards/Provisions IEC/EN 61010-1
Rated insulation voltage 300 VEff
Test voltage 2.5 kV AC (50 Hz, 60 s)
isolation Dual/reinforced insulation

Galvanic Isolation Input/Output IEC/EN 60079-11
Standards/Provisions IEC/EN 60079-11
Rated insulation voltage 265 VEff
Galvanic Isolation Input/Output IEC/EN 60079-7
Standards/Provisions IEC/EN 60079-7
Rated insulation voltage 251 VEff
Feeding
Supply voltage range Self-powered in a loop, no external power supply required
Input < 1.4 W
Input DataSignal: Voltage
Number of inputs 1
Input signal, voltage 19.2 V DC ... 30 V DC (24 V DC, -20 % ... +25 %)
Output DataSignal: Voltage
Number of outputs 1
Output voltage >= 10.7 V DC (50 mA)
Output Resistor >= 103 ? (internal resistance Rthe)
Current limiting > 50 mA
Response time < 50 ms
No-load voltage > 16 V DC
Resistant to short circuits Yes
Connection dataConductor cross-section AWG (converted according to IEC)
Link Screw connection
Stripping length 10 mm
Thread M3
Rigid conductor cross-section 0.2 mm² ... 1.5 mm² (with lug)
0.14 mm² ... 2.5 mm² (without lug)
Flexible conductor cross-section 0.14 mm² ... 2.5 mm²
Conductor cross-section AWG 24 ... 12 (flexible)
Tightening torque 0.5 Nm ... 0.6 Nm
EX DataEx Installation (EPL) Gc
Div. 2
Ex i Cir...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MINI MCR-EX-SD-16-50-LP with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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