

Analog input card XI/ON, 24 V DC, 1AI (0-10V, +-10V)

Part no. XN-1AI-U(-10/0...+10VDC)
Article no. 140064



Delivery program

Function	XI/ON I/O modules
Function	XN Slice module
Short Description	1 Analog input -10/0 to +10 V DC
For use with	XN-S3T-SBB XN-S3S-SBB XN-S4T-SBBS XN-S4S-SBBS

Technical data

G	e	ne	ra

General			
Standards			EN 61000-6-2 EN 61000-6-4 EN 61131-2
Potential isolation			Yes, through optocoupler
Ambient temperature			
Ambient temperature, operation		°C	0 - +55
Storage, transport	9	°C	-25 - +85
Relative humidity			
Relative humidity			5 - 95 % (indoor), Level RH-2, no condensation (for storage at 45°C)
Ambient conditions, mechanical			
Degree of Protection			IP20
Harmful gases		ppm	SO ₂ : 10 (rel. humidity < 75%, no condensation) H ₂ S: 1.0 (rel. humidity < 75 %,no condensation)
Vibration resistance, operating conditions			according to IEC/EN 60068-2-6
Mechanical shock resistance		g	according to IEC 60068-2-27
Continuous shock resistance (IEC/EN 60068-2-29)			According to IEC 60068-2-29
Drop and topple			According to IEC 60068-2-31, free fall according to IEC 60068-2-32
Electromagnetic compatibility (EMC)			
ESD	Air/contact discharge	kV	EN 61100-4-2
Electromagnetic fields	(0.081) / (1,42) / (2 2,7) GHz	V/m	EN 61100-4-2
Burst			EN 61100-4-4
Surge			EN 61100-4-5
Radiated RFI		V	EN 61100-4-6
Emitted interference (radiated, high frequency)	(30230 MHz) / (2301000 MHz)	dB	EN 55016-2-3
Voltage fluctuations/voltage dips			EN 61131-2
Type test			to EN 61131-2
Approvals			CE, cULus
Other technical data (sheet catalogue)			Technical Data
Analog input modules			
Measured variables			Voltage

Channels		Number	1
Rated voltage through supply terminal	U_{L}		24 V DC
Rated current consumption from supply terminal	IL	mA	50
Rated current consumption from module bus	I _{MB}	mA	≤ ₄₁
U . E		147	
Heat dissipation		W	<1
Encoder supply Input voltage			Linked to L+ and L- of the supply; not short-circuit protected -10/0 to +10 V DC
Maximum input voltage		V DC	35 V continuous
Input impedance			
			≧ _{98.5 kΩ}
Limit frequency (-3 db)		Hz	200
Offset error		%	0.1
Linearity		%	0.03
Basic error limit at 23 °C		%	0.2
Repetition accuracy (deviation)		%	0.05
Temperature coefficient			300 ppm/°C of full scale
Resolution of the A/D converter			14-bit (signed integer)
Measuring principle			Successive approximation
Measured value representation			16-bit signed integer 12-bit signed integer left-justified 12-bit full range left-justified
Diagnostics			Yes
Base modules			
without C connection			2-/3-wire XN-S3x-SBB
without C connection, for sensor feeding			4-wire XN-S4x-SBBS
Analog output modules			AN O IX OBBO
Measured variables			Voltage
Channels		Number	1
Rated voltage through supply terminal	U_{L}		24 V DC
Rated current consumption from supply terminal	IL	mA	50
Rated current consumption from module bus	I _{MB}	mA	≤ ₄₁
Heat dissipation		W	<1
Offset error		%	0.1
Linearity		%	0.03
Basic error limit at 23 °C		%	0.2
Repetition accuracy (deviation)		%	0.05
Temperature coefficient			300 ppm/°C of full scale
Measured value representation			16-bit signed integer 12-bit signed integer left-justified 12-bit full range left-justified
Base modules			
without C connection			2-/3-wire XN-S3x-SBB
Digital outputs Changele		No. or b	
Channels Peted voltage through cumply terminal	11.	Number	1 24 V DC
Rated voltage through supply terminal	UL	m A	
Rated current consumption from the supply terminal (at load current = 0 mA)	IL	mA	50
Rated current consumption from module bus	I _{MB}	mA	≤ ₄₁
Diagnostics Digital inputs			Yes
Channels		Number	1
Rated voltage through supply terminal	U_{L}		24 V DC
Rated current consumption from supply terminal	IL	mA	50
Rated current consumption from module bus	I _{MB}	mA	≤ ₄₁
Heat dissipation		W	4i <1

Base modules			
without C connection			2-/3-wire XN-S3x-SBB
Relay modules			
Rated voltage through supply terminal	U_L		24 V DC
Rated current consumption from supply terminal	IL	mA	50
Rated current consumption from module bus	I _{MB}	mA	≤ ₄₁
Base modules			
without C connection			2-/3-wire XN-S3x-SBB
Power supply module			
Rated voltage through supply terminal	U_L		24 V DC
Rated current consumption from supply terminal	IL	mA	50
Rated current consumption from module bus	I _{MB}	mA	≤ ₄₁
Counter module			
Channels		Number	1
Rated voltage through supply terminal	U_{L}		24 V DC
Rated current consumption from supply terminal	IL	mA	50
Rated current consumption from module bus	I _{MB}	mA	≤ ₄₁
Heat dissipation		W	<1
Measuring modes			
Temperature coefficient			300 ppm/°C of full scale
Number of parameter bits			3-bit
Base modules			
without C connection, for sensor feeding			4-wire XN-S4x-SBBS
Interfaces			
Rated voltage through supply terminal	U_{L}		24 V DC
Rated current consumption from supply terminal	IL	mA	50
Rated current consumption from module bus	I _{MB}	mA	≤ ₄₁
Number of parameter bytes			3-bit
Base modules			
without C connection, for sensor feeding			4-wire XN-S4x-SBBS

Design verification as per IEC/EN 61439

Design verification as per 1EG/EN 01433			
Technical data for design verification			
Rated operational current for specified heat dissipation	In	Α	0
Heat dissipation per pole, current-dependent	P_{vid}	W	0
Equipment heat dissipation, current-dependent	P _{vid}	W	0
Static heat dissipation, non-current-dependent	P_{vs}	W	1
Heat dissipation capacity	P _{diss}	W	0
Operating ambient temperature min.		°C	0
Operating ambient temperature max.		°C	55
Degree of Protection			IP20
IEC/EN 61439 design verification			
10.2 Strength of materials and parts			
10.2.2 Corrosion resistance			Meets the product standard's requirements.
10.2.3.1 Verification of thermal stability of enclosures			Meets the product standard's requirements.
10.2.3.2 Verification of resistance of insulating materials to normal heat			Meets the product standard's requirements.
10.2.3.3 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effects			Meets the product standard's requirements.
10.2.4 Resistance to ultra-violet (UV) radiation			Meets the product standard's requirements.
10.2.5 Lifting			Does not apply, since the entire switchgear needs to be evaluated.
10.2.6 Mechanical impact			Does not apply, since the entire switchgear needs to be evaluated.
10.2.7 Inscriptions			Meets the product standard's requirements.

10.3 Degree of protection of ASSEMBLIES	Meets the product standard's requirements.
10.4 Clearances and creepage distances	Meets the product standard's requirements.
10.5 Protection against electric shock	Does not apply, since the entire switchgear needs to be evaluated.
10.6 Incorporation of switching devices and components	Does not apply, since the entire switchgear needs to be evaluated.
10.7 Internal electrical circuits and connections	Is the panel builder's responsibility.
10.8 Connections for external conductors	Is the panel builder's responsibility.
10.9 Insulation properties	
10.9.2 Power-frequency electric strength	Is the panel builder's responsibility.
10.9.3 Impulse withstand voltage	Is the panel builder's responsibility.
10.9.4 Testing of enclosures made of insulating material	Is the panel builder's responsibility.
10.10 Temperature rise	The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.
10.11 Short-circuit rating	Is the panel builder's responsibility.
10.12 Electromagnetic compatibility	Is the panel builder's responsibility.
10.13 Mechanical function	The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.

Technical data ETIM 6.0

PLC's (EG000024) / Fieldbus, decentr. periphery - analogue I/O module (EC001596)

Electric engineering, automation, process control engineering / Control / Field bus, decentralized peripheral / Field bus, decentralized peripheral - analogue I/O module (ecl@ss8.1-27-24-26-01 [BAA061011])

Supply voltage BC V 0.4 - 2x.8 Voltage type of supply voltage DC Input, current P PS Input, voltage Yes Input, resistance No Input, steintance thermometer No Resolution of the analogue inputs Bit 16 Output, current No 1 Output, signal configurable No 1 Number of analogue outputs Bit 9 1 Analogue inputs configurable Yes 1 Analogue inputs configurable Yes 1 Analogue inputs configurable Yes 1 Number of HW-interfaces industrial Ethernet Yes 1 Number of HW-interfaces RS-422 1			
Supply voltage DC V 20.4 - 28.8 Voltage type of supply voltage C No Input, created Yes Yes Input, resistanc No No Input, resistance thermometer No No Input, sestinance thermometer Yes No Input, sestinance thermometer Yes No Input, signal, configurable Yes No Resolution of the analogue inputs Bit 16 No Output, current No No No Unity to visage No No No Output, signal configurable No No Resolution of the analogue outputs Bit 16 No Number of analogue injuts 1 1 1 Number of analogue outputs 2 2 1 Number of analogue injuts configurable Yes 2 Number of HW-interfaces industrial Ethernet 2 0 Number of HW-interfaces industrial Ethernet 2 0 Number of HW-interfaces	Supply voltage AC 50 Hz	V	0 - 0
Voltage type of supply voltage DC Input, current No Input, voltage Yea Input, vesistor No Input, resistance thermometer No Input, thermocouple Yea Input, signal, configurable Bit Occupant Besolution of the analogue inputs Bit No Output, voltage No No Output, voltage No No Output, voltage Bit No Output, voltage Bit No Output, voltage Yea No Number of the analogue outputs Bit O Number of the analogue outputs Yea Yea Number of HW-interfaces industrial Ethornet Yea Yea Number of HW-interfaces RS-485 Yea Yea Number of HW-interfaces RS-485 Yea	Supply voltage AC 60 Hz	V	0 - 0
Input, current No Input, voitage Yes Input, resistor No Input, tesistore thermometer No Input, tesistore dumometer Yes Input, tesistore dumometer No Input, tesistore dimometer Yes Input, tesistore dumometer No Input, tesistore dumometer No Input, tesistore dumometer No Output, voitage No Number of Harriage No Number of analogue outputs Yes Number of Harriage Yes Number of Harriage No Number of Harriage Yes Number of Harriage Yes Number of Harriage Yes Number of Harriage Yes Number of Harr	Supply voltage DC	V	20.4 - 28.8
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Input, resistance thermometer No Input, thermocouple No Input, tignal, configurable Pas Resolution of the analogue inputs Bit 16 Output, vortent No Output, voitage No Output, signal configurable No Resolution of the analogue outputs Bit 0 Number of analogue outputs Bit 0 Number of analogue outputs 1 Yes Analog outputs configurable Yes Analogue outputs Number of HW-interfaces industrial Ethernet Yes Analogue outputs Number of HW-interfaces PROFINET 0 Ves Number of HW-interfaces PROFINET 0 0 Number of HW-interfaces RS-422 0 0 Number of HW-interfaces RS-425 0 0 Number of HW-interfaces RS-425 0 0 Number of HW-interfaces Sr-425 0 0 Number of HW-interfaces Sr-425 0 0 Number of HW-interfaces Sr-425 0 0 Number of HW-interfa	Input, voltage		Yes
Injut, thermocouple No Input signal, configurable Yes Resolution of the analogue inputs BR 16 Output, current No No Output, voltage No No Output signal configurable No No Resolution of the analogue outputs Bit 0 Number of analogue outputs 1 1 Number of analogue outputs Yes No Analog outputs configurable Yes Yes Number of HW-interfaces industrial Ethernet Yes Yes Number of HW-interfaces PROFINET 0 0 Number of HW-interfaces PROFINET 0 0 Number of HW-interfaces RS-422 0 0 Number of HW-interfaces RS-422 0 0 Number of HW-interfaces RS-428 0 0 Number of HW-interfaces RS-429 0 0 Number of HW-interfaces Serial TTY 0 0 Number of HW-interfaces PROFIBUS 0 0 Number of HW-interfaces Wireless 0 0 </td <td>Input, resistor</td> <td></td> <td>No</td>	Input, resistor		No
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Supporting protocol for KNX No	Supporting protocol for INTERBUS		No
	Supporting protocol for ASI		No
Supporting protocol for MODBUS No	Supporting protocol for KNX		No
	Supporting protocol for MODBUS		No

Signoting protocol for Data-Highway			
Supporting protocol for LON I NO Supporting protocol for PROPINET DA I NO Supporting protocol for PROPINET DA I NO Supporting protocol for PROPINET DA I NO Supporting protocol for SEROS I NO Supporting protocol for SEROS I NO Supporting protocol for EtherNarife I NO Supporting protocol for Fach-Interior SEROS I NO Supporting protocol for SEROS-SEROY I NO Redic standard SEROS I NO Redic standard SEROS I NO Redic standard SEROS I NO Redic standard WIAN 802-11 I NO Relian standard WIAN 802	Supporting protocol for Data-Highway		No
Supporting protocol for PROINET IO () No. Supporting protocol for PROINET GAA () No. Supporting protocol for FROINET GAA () No. Supporting protocol for DeviceMet Safety () No. Supporting protocol for DeviceMet Safety () No. Supporting protocol for FROINET Safety () No. Supporting protocol for DeviceMet Safety () No. Supporting protocol for FROINET Safety () No. Supporting protocol for DeviceMet Safety () No. Supporting protocol for DeviceMet Safety () No. Supporting protocol for Safety Safety () No. Supporting protocol for DeviceMet Safety () No. Supporting protocol for Safety Safety () No. Supporting protocol for Safety Safety	Supporting protocol for DeviceNet		No
Supporting protocol for PROPINET IOBA Na Supporting protocol for PROPINET IOBA Na Supporting protocol for ERRORS Na Supporting protocol for Endudation Fieldbus Na Supporting protocol for Endudation Fieldbus Na Supporting protocol for Endudation Fieldbus Na Supporting protocol for AS-Interface Safety at Work Na Supporting protocol for AS-Interface Safety at Work Na Supporting protocol for PROPIsale Na Supporting protocol for Ender bus systems Na Radio standard BURSON Pa Radio standard BURSON Pa Radio standard BURSON Pa Radio standard BURSON Pa Radio standard BURSON	Supporting protocol for SUCONET		No
Supporting protocol for PRORINET CBA Image: Company of the CBA	Supporting protocol for LON		No
Supporting protocol for Foundation Fieldbus No Supporting protocol for Foundation Fieldbus No Supporting protocol for Federhald/PO No Supporting protocol for Schiefland Saley at Work No Supporting protocol for INTERBUS-Safety No Supporting protocol for INTERBUS-Safety No Supporting protocol for Supporting protocol for SafetyBus No Supporting protocol for Supporting Supporting protocol for Supporting Supporting protocol for Supporting Supporting Supporting Supporting Protocol for Supporting Suppor	Supporting protocol for PROFINET IO		No
Supporting protocol for FeinerAte/PB Mo Supporting protocol for Effende/PBP No Supporting protocol for Effende/PBP No Supporting protocol for Device-Next Safety No Supporting protocol for INTERBUS-Safety No Supporting protocol for PRIPBISS No Supporting protocol for PRIPBISS No Supporting protocol for other bus yetsens No Radio standard Blactoch No Radio standard MLNA 82011 No Radio standard WLNA 82014 Yes Radio standard WLNA 82014 No Radio standard WLNA 82014 Yes Radio standard WLNA 82014 <t< td=""><td>Supporting protocol for PROFINET CBA</td><td></td><td>No</td></t<>	Supporting protocol for PROFINET CBA		No
Supporting protocol for EtherNet/IP No Supporting protocol for Al-Interface Safety at Work No Supporting protocol for DeviceNet Safety No Supporting protocol for PROFIsade No Supporting protocol for PROFIsade No Supporting protocol for SafetyBUS p No No Supporting protocol for Other bus systems No Radio standard Bluetooth No Radio standard Bluetooth No Radio standard SMA No Radio standard GMA No Radio standard GMA No System accessary No Use of protection (IP) No Type of electric connection Yes Rail menting passible No Rail menting passible No Rail menting passible No Schelars standard SMA No Standard SMA No	Supporting protocol for SERCOS		No
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Supporting protocol for DeviceNet Safety 6 6 7 8 8 8 9 8 9	Supporting protocol for EtherNet/IP		No
Supporting protocol for INTERBUS Safety 6 7 8 8 9 8 9	Supporting protocol for AS-Interface Safety at Work		No
Supporting protocol for PROFIsate No Supporting protocol for SafetyBUS p No Supporting protocol for Other bus systems No Radio standard Bluetooth No Radio standard WLAN 802.11 No Radio standard GPRS No Radio standard GSM No Radio standard UMTS No In Ink master No System accessory No Degree of protection (IP) IP20 Type of electric connection IP20 Rail mounting possible Screw-/spring clamp connection Rail mounting protection (IP) Yes Fired bulks connection over separate bus coupler possible No Rail mounting frieret mounting No Valuation in possible No Rail mounting frieret mounting No Statisble for safety functions No Category according to El N954-1 No Statisble for safety functions No Category according to El N954-1 No State of the Internal Clear in the Intern	Supporting protocol for DeviceNet Safety		No
Supporting protocol for SafetyBUS p No Supporting protocol for other bus systems No Radio standard Bluetooth No Radio standard WLN8 802.11 No Radio standard GPRS No Radio standard GSM No Radio standard UMTS No 10 link master No System accessory No Degree of protection (IP) No Type of electric connection over separate bus coupler possible Screw-/spring clamp connection Rail mounting possible Screw-/spring clamp connection Rail mounting possible No Rail mounting fileret mounting No Firet bulk connection over separate bus coupler possible No Rail mounting for safety fuctions Screw-/spring clamp connection Suitable for safety functions No	Supporting protocol for INTERBUS-Safety		No
Supporting protocol for other bus systems No Radio standard Bluetooth No Radio standard GPRS No Radio standard GPRS No Radio standard GMTAN 802.11 No Radio standard GPRS No Radio standard GMTS No 10 link master No System accessory No Type of electric connection (IP) P20 Type of electric connection over saparate bus coupler possible Yes Rail mounting possible No Rail mounting forestine through (in possible) No Rac-assembly possible No Rac-assembly possible No Rac-assembly possible No Suitable for safety functions No Stategory according to EN 954-1 No St. Laccording to IEC 61508 No Performance level acc. to EN ISO 13849-1 No Appendant operation agent (Ex is) No Explosion safety category for gas No Explosion safety category for dust No Width	Supporting protocol for PROFIsafe		No
Radio standard Bluetooth No Radio standard WLAN 802.11 No Radio standard GPRS No Radio standard GSM No Radio standard UMTS No 10 link master No System accessory Yes Degree of protection (IP) Yes Type of electric connection Yes Rall mounting possible Yes Rall mounting/direct mounting Yes Wall mounting/direct mounting No Rack-assembly possible No Rack-assembly possible No Rack-assembly possible No Sutable for safery functions No Statable for safery functions No State according to EN 984-1 No Appendant operation agent (Ex ia) No Appendant operation agent (Ex ia) No Explosion	Supporting protocol for SafetyBUS p		No
Radio standard WLAN 802.11	Supporting protocol for other bus systems		No
Radio standard GPRS Radio standard GSM Radio standard UMTS Robert Comments Rob	Radio standard Bluetooth		No
Radio standard GSM Radio standard UMTS 10 link master 10 link mas	Radio standard WLAN 802.11		No
Radio standard UMTS No 10 link master No System accessory Yes Degree of protection (IP) IP20 Type of electric connection Screw/spring clamp connection Fieldbus connection over separate bus coupler possible Yes Rail mounting possible Yes Wall mounting/direct mounting No Front build in possible No Rack-assembly possible No Suitable for safety functions No Category according to EN 954-1 No SIL according to IEC 61508 No Performance level acc. to EN ISO 13849-1 None Appendant operation agent (Ex ia) No Appendant operation agent (Ex ib) No Explosion safety category for gas No Explosion safety category for dust No Writh No Height No	Radio standard GPRS		No
10 link master No System accessory Yes Degree of protection (IP) IP20 Type of electric connection Screw-/spring clamp connection Fieldbus connection over separate bus coupler possible Yes Rail mounting possible Yes Wall mounting/direct mounting No Front build in possible No Rack-assembly possible No Suitable for safety functions No Category according to EN 954-1 No SIL according to IEC 61508 None Performance level acc. to EN ISO 13849-1 None Appendant operation agent (Ex ia) No Appendant operation agent (Ex ia) No Explosion safety category for gas No Explosion safety category for dust None Writh None Width None Height None	Radio standard GSM		No
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Degree of protection (IP) Type of electric connection Fieldbus connection over separate bus coupler possible Rail mounting possible Wall mounting/direct mounting Front build in possible Rack-assembly possible Rack-assembly possible Rottade for safety functions Category according to EN 954-1 SIL according to IEC 61508 Performance level acc. to EN ISO 13849-1 Appendant operation agent (Ex ia) Appendant operation agent (Ex ia) Appendant operation agent (Ex ib) Explosion safety category for dust Writh Height Height Pi 20 Screw-/spring clamp connection Yes Yes Yes Yes No	10 link master		No
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Fieldbus connection over separate bus coupler possible Rail mounting possible Wall mounting/direct mounting Front build in possible Rack-assembly possible Rack-assembly possible Suitable for safety functions Category according to EN 954-1 SIL according to IEC 61508 Performance level acc. to EN ISO 13849-1 Appendant operation agent (Ex ia) Appendant operation agent (Ex ib) Explosion safety category for gas Explosion safety category for dust Width Height Mo Performance level acc. to EN ISO 13849-1 Appendant operation agent (Ex ib) Rone None None	Degree of protection (IP)		IP20
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Wall mounting/direct mounting Front build in possible Rack-assembly possible Rack-assembly possible Suitable for safety functions Category according to EN 954-1 SIL according to IEC 61508 Performance level acc. to EN ISO 13849-1 Appendant operation agent (Ex ia) Appendant operation agent (Ex ib) Explosion safety category for gas Explosion safety category for dust Width Height No No No No No No No No No N	Fieldbus connection over separate bus coupler possible		Yes
Front build in possible Rack-assembly possible Suitable for safety functions Category according to EN 954-1 SIL according to IEC 61508 Performance level acc. to EN ISO 13849-1 Appendant operation agent (Ex ia) Appendant operation agent (Ex ib) Explosion safety category for gas Explosion safety category for dust Width Height No No No No No No No No No N	Rail mounting possible		Yes
Rack-assembly possible Suitable for safety functions Category according to EN 954-1 SIL according to IEC 61508 Performance level acc. to EN ISO 13849-1 Appendant operation agent (Ex ia) Appendant operation agent (Ex ib) Explosion safety category for gas Explosion safety category for dust Width Height No No No No No No No No No N	Wall mounting/direct mounting		No
Suitable for safety functions Category according to EN 954-1 SIL according to IEC 61508 Performance level acc. to EN ISO 13849-1 Appendant operation agent (Ex ia) Appendant operation agent (Ex ib) Explosion safety category for gas Explosion safety category for dust Width Minuman Minuman Minuman Mo Mo Mone Width Minuman	Front build in possible		No
Category according to EN 954-1 SIL according to IEC 61508 Performance level acc. to EN ISO 13849-1 Appendant operation agent (Ex ia) Appendant operation agent (Ex ib) Explosion safety category for gas Explosion safety category for dust Width Height None	Rack-assembly possible		No
SIL according to IEC 61508 Performance level acc. to EN ISO 13849-1 Appendant operation agent (Ex ia) Appendant operation agent (Ex ib) Explosion safety category for gas Explosion safety category for dust Width mm 12.6 Height None None None None 12.6	Suitable for safety functions		No
Performance level acc. to EN ISO 13849-1 Appendant operation agent (Ex ia) Appendant operation agent (Ex ib) Explosion safety category for gas Explosion safety category for dust Width mm 12.6 Height None	Category according to EN 954-1		
Appendant operation agent (Ex ia) Appendant operation agent (Ex ib) No Explosion safety category for gas Explosion safety category for dust Width Midth Midt	SIL according to IEC 61508		None
Appendant operation agent (Ex ib) Explosion safety category for gas Explosion safety category for dust Width Mmm 12.6 Height Mone	Performance level acc. to EN ISO 13849-1		None
Explosion safety category for gas Explosion safety category for dust Width Height None None None Height None 12.6 mm 74	Appendant operation agent (Ex ia)		No
Explosion safety category for dust Width mm 12.6 Height 74	Appendant operation agent (Ex ib)		No
Width mm 12.6 Height 74	Explosion safety category for gas		None
Height mm 74	Explosion safety category for dust		None
	Width	mm	12.6
Depth mm 55.4	Height	mm	74
	Depth	mm	55.4

Approvals

Product Standards	UL 508; CSA-C22.2 No. 142; IEC/EN 6113-2; CE marking
UL File No.	E205091
UL Category Control No.	NRAQ, NRAQ7
CSA File No.	UL report applies to both US and Canada
CSA Class No.	2252-01, 2252-81
North America Certification	UL recognized, certified by UL for use in Canada
Specially designed for North America	No
Current Limiting Circuit-Breaker	No
Degree of Protection	IEC: IP20, UL/CSA Type: -

Additional product information (links)

Dimensions

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MN05002011Z Manual XI/ON analog I/O module	es
MN05002011Z Handbuch XI/ON Analoge I/O- Module - Deutsch	ftp://ftp.moeller.net/DOCUMENTATION/AWB_MANUALS/MN05002011Z_DE.pdf
MN05002011Z Manual XI/ON analog I/O modules - English	ftp://ftp.moeller.net/DOCUMENTATION/AWB_MANUALS/MN05002011Z_EN.pdf
Technical Data	http://ecat.moeller.net/flip-cat/?edition=HPLEN&startpage=14.111