

Digital module, 8 outputs 24V 0,5A

Part no. EU5E-SWD-X8D

Article no. 144061

Delivery programme

Product range			SmartWire-DT slave
Accessories			Digital modules
Function			For connection of digital I/O signals
Description			The outputs are short-circuit proof.
Outputs			
Transistor			8
Connection to SmartWire-DT			yes

Approvals

NA Certification	Request filed for UL and CSA

Part no.			EU5E-SWD-X8D

General

Standards			IEC/EN 61131-2 EN 50178
Dimensions (W x H x D)		mm	35 x 90 x 101
Weight		kg	0.1
Mounting			Top-hat rail IEC/EN 60715, 35 mm
Mounting position			As required

Ambient conditions, mechanical

Protection type (IEC/EN 60529)			IP20
Vibrations (IEC/EN 61131-2:2008)			
Constant amplitude 3,5 mm		Hz	5 - 8.4
Constant acceleration 1 g		Hz	8.4 - 150
Mechanical shock resistance (IEC/EN 60068-2-27) semi-sinusoidal 15 g/11 ms		Impacts	9
Drop to IEC/EN 60068-2-31	Drop height	mm	50
Free fall, packaged (IEC/EN 60068-2-32)		m	0.3

Electromagnetic compatibility (EMC)

Overvoltage category			II
Pollution degree			2
Electrostatic discharge (IEC/EN 61131-2:2008)			
Air discharge (Level 3)		kV	8
Contact discharge (Level 2)		kV	4
Electromagnetic fields (IEC/EN 61131-2:2008)			
80 - 1000 MHz		V/m	10
1.4 - 2 GHz		V/m	3
2 - 2.7 GHz		V/m	1
Radio interference suppression (SmartWire-DT)			EN 55011 Class A
Burst (IEC/EN 61131-2:2008, Level 3)			
Supply cables		kV	2
Signal lines		kV	1
SmartWire-DT cables		kV	1
Surge (IEC/EN 61131-2:2008, Level 1)			
Surge			Supply cables 0.5 kV
Radiated RFI (IEC/EN 61131-2:2008, Level 3)		V	10

Climatic environmental conditions

Operating ambient temperature (IEC 60068-2)		°C	- 25 - + 55
Condensation			Take appropriate measures to prevent condensation
Storage		°C	- 40 - 70
relative humidity, non-condensing (IEC/EN 60068-2-30)		%	5 - 95

SmartWire-DT network

Station type			SmartWire-DT slave
Address allocation			automatic
Output current		A	Normally 0.5 at 24 V DC
SmartWire-DT status LED		LED	Green
Connection			Plug, 8-pole Connection plug: external device plug SWD4-8SF2-5

Connection supply and I/O

Connection type			Push in terminals
Solid		mm^2	0.2 - 1.5 (AWG 24 - 16)
Flexible with ferrule		mm^2	0.25 - 1.5 (AWG 24 - 16)

24 V DC supply for output supply

Rated operational voltage	U_e	V	24 DC -15 % / +20 %
Residual ripple on the input voltage		%	5
Protection against polarity reversal			Yes

Digital semi-conductor outputs

Number			8
Output current		A	Normally 0.5 at 24 V DC
Short-circuit tripping current		A	max. 1.2 over 3 ms
Lamp load	R_{LL}	W	3
Overload proof			yes, with diagnostics
Switching capacity			EN 60947-5-1 utilization category DC-13
Status display		LED	yellow

Potential isolation

Inputs for SmartWire-DT			Yes
Output to output			No
Notes			Minimum length 8 mm.

Additional product information (links)

IL05006002Z (AWA2723-2479) SmartWire-DT: I/O modules	
IL05006002Z (AWA2723-2479) SmartWire-DT: I/O modules	ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL05006002Z2010_11.pdf
MN05006001Z-EN(AWB2723-1613) SmartWire-DT, Unit	
MN05006001Z-DE (AWB2723-1613) SWD-Teilnehmer - Deutsch	ftp://ftp.moeller.net/DOCUMENTATION/AWB_MANUALS/MN05006001Z_DE.pdf
MN05006001Z-EN(AWB2723-1613) SmartWire-DT, Unit - English	ftp://ftp.moeller.net/DOCUMENTATION/AWB_MANUALS/MN05006001Z_EN.pdf
MN05006001Z-IT (AWB2723-1613) SmartWire-Darwin utenti - italiano	ftp://ftp.moeller.net/DOCUMENTATION/AWB_MANUALS/MN05006001Z_IT.pdf

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