



Analog module, 2 U/I inputs, 2 outputs



Powering Business Worldwide™

Part no. EU5E-SWD-2A2A

Article no. 144063

Delivery programme

| | | | |
|--------------------------------|--|--|---|
| Product range | | | SmartWire-DT slave |
| Accessories | | | Analog modules |
| Function | | | for connection of analog I/O signals |
| Description | | | Inputs/outputs, configurable: 0 - 10 V, 0 - 20 mA |
| Inputs | | | |
| of which can be used as analog | | | 2 |
| Outputs | | | |
| Analog | | | 2 |
| Connection to SmartWire-DT | | | yes |

Approbationen

NA Certification

Request filed for UL and CSA

| | | | |
|-----------------|--|--|---------------|
| Part no. | | | EU5E-SWD-2A2A |
|-----------------|--|--|---------------|

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 | 2 |
| SmartWire-DT cables | | kV | 2 |
| Surge (IEC/EN 61131-2:2008, Level 1) | | | |
| Surge | | | Supply cables 1.0 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 |
| 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 | 0.25 - 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 | % | $\frac{\Delta U}{U}$ 5 |
| Protection against polarity reversal | | Yes |
| Digital inputs | | |
| Input current | mA | typ. 4 at 24 V DC |
| Voltage level to IEC/EN 61131-2 | | |
| Limit value type 1 | | Low < 5 V DC; High > 15 V DC |
| Input delay | | High Low typ. < 0.2 ms Low High typ. < 0.2 ms |
| Status display | LED | yellow |
| Potential isolation | | |
| Inputs for SmartWire-DT | | Yes |
| Outputs to SmartWire-DT | | Yes |
| Semi-conductor outputs for inputs | | No |
| 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 |