



**SmartWire-DT communication module for DC1 variable frequency drives,  
IP20 degree of protection**

**Part no.** DX-NET-SWD3  
**Article no.** 169131  
**Catalog No.** DX-NET-SWD3

**Delivery program**

Part group reference (e.g. DIL)		DE1 DC1
Fieldbus connection (optional)		SmartWire-DT
For use with		DE1, DE11, DC1 (IP20)
Connection technique		Plug-in module (front) with slot for SWD4-8SF2-5 external device plug

**Design verification as per IEC/EN 61439**

Technical data for design verification		
Operating ambient temperature min.	°C	-10
Operating ambient temperature max.	°C	50
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		
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		
10.2.5 Lifting		Does not apply, since the entire switchgear needs to be evaluated.
10.2.6 Mechanical impact		
10.2.7 Inscriptions		Meets the product standard's requirements.
10.3 Degree of protection of ASSEMBLIES		
10.4 Clearances and creepage distances		
10.5 Protection against electric shock		
10.6 Incorporation of switching devices and components		
10.7 Internal electrical circuits and connections		
10.8 Connections for external conductors		
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		
10.11 Short-circuit rating		Is the panel builder's responsibility. The specifications for the switchgear must be observed.
10.12 Electromagnetic compatibility		Is the panel builder's responsibility. The specifications for the switchgear must be observed.
10.13 Mechanical function		The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.

**Technical data ETIM 6.0**

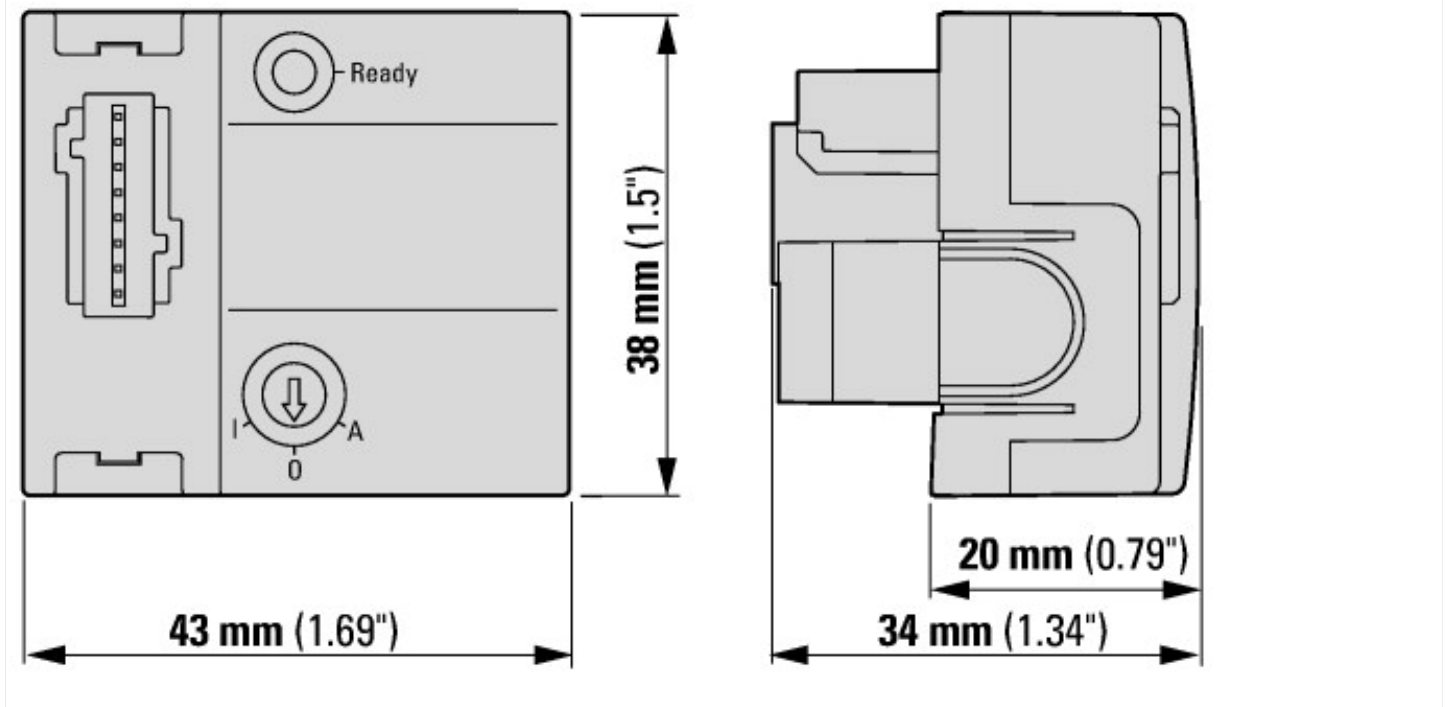
Low-voltage industrial components (EG000017) / Accessories for frequency controller (EC002025)		
Electric engineering, automation, process control engineering / Electrical drive / Electrical drive (accessories) / Frequency controller (accessories) (ecl@ss8.1-27-02-92-01 [ACN127008])		
Type of accessory		Communication module

**Approvals**

Product Standards		UL 508C; CSA-C22.2 No. 14; IEC/EN61800-3; IEC/EN61800-5; CE marking
UL File No.		E172143
UL Category Control No.		NMMS, NMMS7
CSA File No.		UL report applies to both US and Canada

North America Certification		UL listed, certified by UL for use in Canada
Specially designed for North America		No
Suitable for		Branch circuits
Degree of Protection		IEC: IP00

## Dimensions



## Additional product information (links)

### IL040008ZU SmartWire-DT module for DC1, DE1

IL040008ZU SmartWire-DT module for DC1, DE1 [ftp://ftp.moeller.net/DOCUMENTATION/AWA\\_INSTRUCTIONS/IL040008ZU2014\\_06.pdf](ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL040008ZU2014_06.pdf)

CA04020001Z-DE Sortimentskatalog: [http://www.eaton.eu/DE/ecm/groups/public/@pub/@europe/@electrical/documents/content/pct\\_1095238\\_de.pdf](http://www.eaton.eu/DE/ecm/groups/public/@pub/@europe/@electrical/documents/content/pct_1095238_de.pdf)  
 Antriebstechnik effizient gestalten, Motoren starten und steuern