



Function element for connecting interface to SmartWire-DT

Part no. **PKE-SWD-CP**
 Article no. **172735**
 Catalog No. **PKE-SWD-CP**



Delivery program

Product range		SmartWire-DT slave
Subrange		SmartWire-DT PKE module for system protection circuit-breakers
Basic function		System protection
Product range		Accessories
Accessories		SmartWire-DT PKE module (circuit-breakers)
Function		For connecting the PKE circuit-breaker with PKE-XTU(W)ACP-... trip blocks(motor protection) to SmartWire-DT for 2 function elements M22-SWD-K22...
Description		For attachment to PKE circuit-breakers
Messages		Contacteur state PKE All phase currents in % Thermal load as a % Trip indications (Overload, Short-circuit,...) Set value of overload releases Set short-circuit release value Part no. of trip block
Commands		Remote circuit-breaker de-energization
For use with		PKE32 PKE65
Connection to SmartWire-DT		yes

Technical data

General

Standards			IEC/EN 61131-2
Dimensions (W x H x D)		mm	45 x 46.8 x 70.3
Weight		kg	0.04
Mounting			at PKE32/65
Mounting position			as PKE32/65

Ambient conditions, mechanical

Protection type (IEC/EN 60529, EN50178, VBG 4)			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			
Radio interference suppression			EN 55011 Class A
Burst (IEC/EN 61131-2:2008, Level 3)			
SmartWire-DT cables			
Signal lines		kV	1

CAN/DP-bus cable			
SmartWire-DT cables		kV	1
Radiated RFI (IEC/EN 61131-2:2008, Level 3)		V	10

Climatic environmental conditions

Operating ambient temperature (IEC 60068-2)		°C	
Ambient temperature		°C	-25 - +60
Condensation			Take appropriate measures to prevent condensation
Storage	θ	°C	-30 - +70
Relative humidity, non-condensing (IEC/EN 60068-2-30)		%	5 - 95

SmartWire-DT network

Station type			SmartWire-DT slave
Address allocation			automatic
Status SmartWire-DT		LED	Green
Connections			Plug, 8-pole
Connection			External device plug SWD4-8SF2-5
Current consumption		mW	
15-V-SWD supply		mA	35

Design verification as per IEC/EN 61439

Technical data for design verification			
Operating ambient temperature min.		°C	-25
Operating ambient temperature max.		°C	55

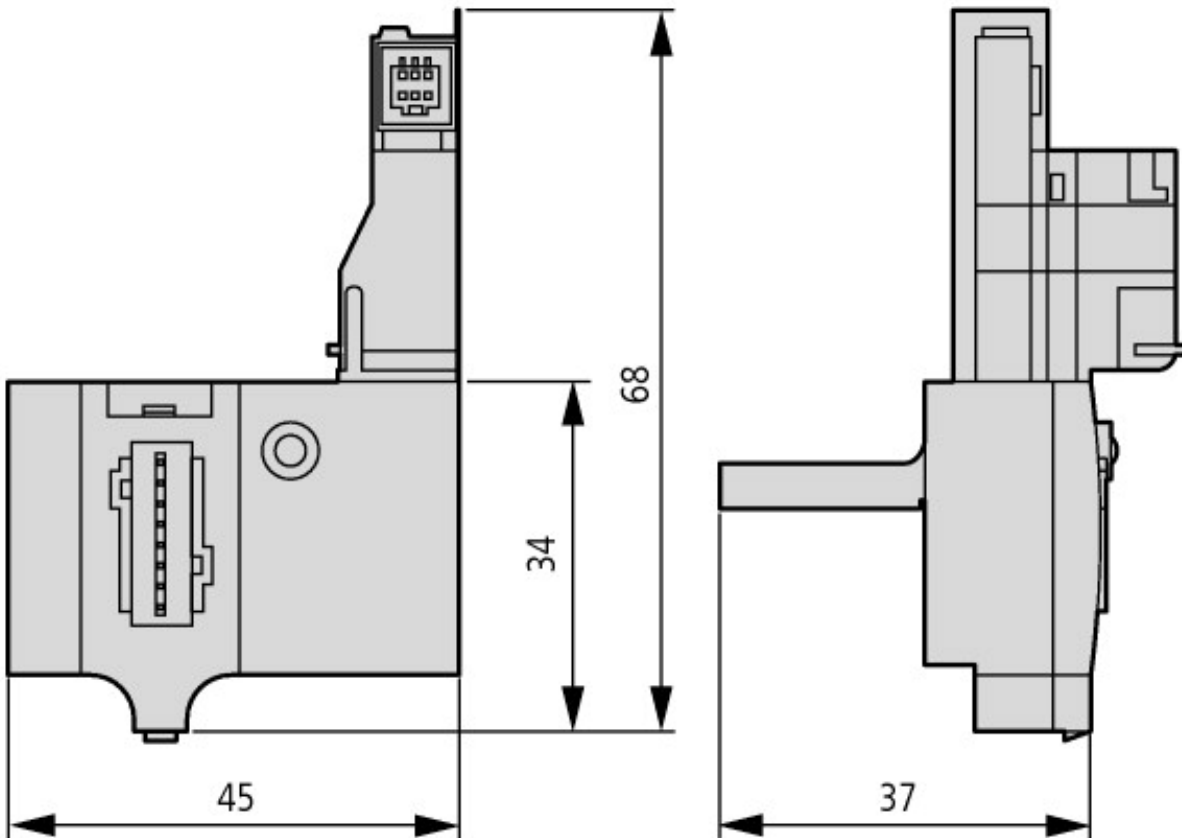
Technical data ETIM 6.0

Low-voltage industrial components (EG000017) / Accessories for low-voltage switch technology (EC002498)

Electric engineering, automation, process control engineering / Low-voltage switch technology / Low-voltage switch technology (accessories) / Component for low-voltage switch technology (accessories) (ecl@ss8.1-27-37-92-01 [AKN570010])

Type of accessory Communication and measuring function

Dimensions



SmartWire-DT PKE module (circuit-breakers)

Additional product information (links)

IL120003ZU SWD communication extension for PKE system protection	
IL120003ZU SWD communication extension for PKE system protection	ftp://ftp.moeller.net/DOCUMENTATION/AWB_INSTRUCTIONS/IL120003ZU2013_10.pdf
MN05006001Z SmartWire-DT, modules	
MN05006001Z SmartWire-DT, Teilnehmer - Deutsch	ftp://ftp.moeller.net/DOCUMENTATION/AWB_MANUALS/MN05006001Z_DE.pdf
MN05006001Z SmartWire-DT, modules - English	ftp://ftp.moeller.net/DOCUMENTATION/AWB_MANUALS/MN05006001Z_EN.pdf
MN05006001Z SmartWire-DT, modulo - italiano	ftp://ftp.moeller.net/DOCUMENTATION/AWB_MANUALS/MN05006001Z_IT.pdf
MN05006002Z (AWB2723-1617) SmartWire-DT, The system	
MN05006002Z (AWB2723-1617) SmartWire-DT, Das System - Deutsch	ftp://ftp.moeller.net/DOCUMENTATION/AWB_MANUALS/MN05006002Z_DE.pdf
MN05006002Z (AWB2723-1617) SmartWire-DT, The system - English	ftp://ftp.moeller.net/DOCUMENTATION/AWB_MANUALS/MN05006002Z_EN.pdf
MN05006002Z (AWB2723-1617) SmartWire-DT, il sistema - italiano	ftp://ftp.moeller.net/DOCUMENTATION/AWB_MANUALS/MN05006002Z_IT.pdf
MN05013002Z SmartWire-DT, Gateways	
MN05013002Z SmartWire-DT, Gateways - Deutsch	ftp://ftp.moeller.net/DOCUMENTATION/AWB_MANUALS/MN05013002Z_DE.pdf
MN05013002Z SmartWire-DT, Gateways - English	ftp://ftp.moeller.net/DOCUMENTATION/AWB_MANUALS/MN05013002Z_EN.pdf
MN05013002Z SmartWire-DT, Gateway - italiano	ftp://ftp.moeller.net/DOCUMENTATION/AWB_MANUALS/MN05013002Z_IT.pdf
Motor starters and "Special Purpose Ratings" for the North American market	http://www.moeller.net/binary/ver_techpapers/ver953en.pdf
Busbar Component Adapters for modern Industrial control panels	http://www.moeller.net/binary/ver_techpapers/ver960en.pdf
SWD-ASSIST	http://downloadcenter.moeller.net/en/software.a487d8b7-da91-486f-b3ba-a7ca2035db99