



Function element for connecting interface to SmartWire-DT

Part no. **PKE-SWD-CP**
 Catalog No. **172735**
 Alternate Catalog No. **PKE-SWD-CP**
 EL-Nummer **4560851**
 (Norway)



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 to SmartWire-DT
Description			For attachment to PKE circuit-breakers
Messages			Contactor 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	Ø	°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

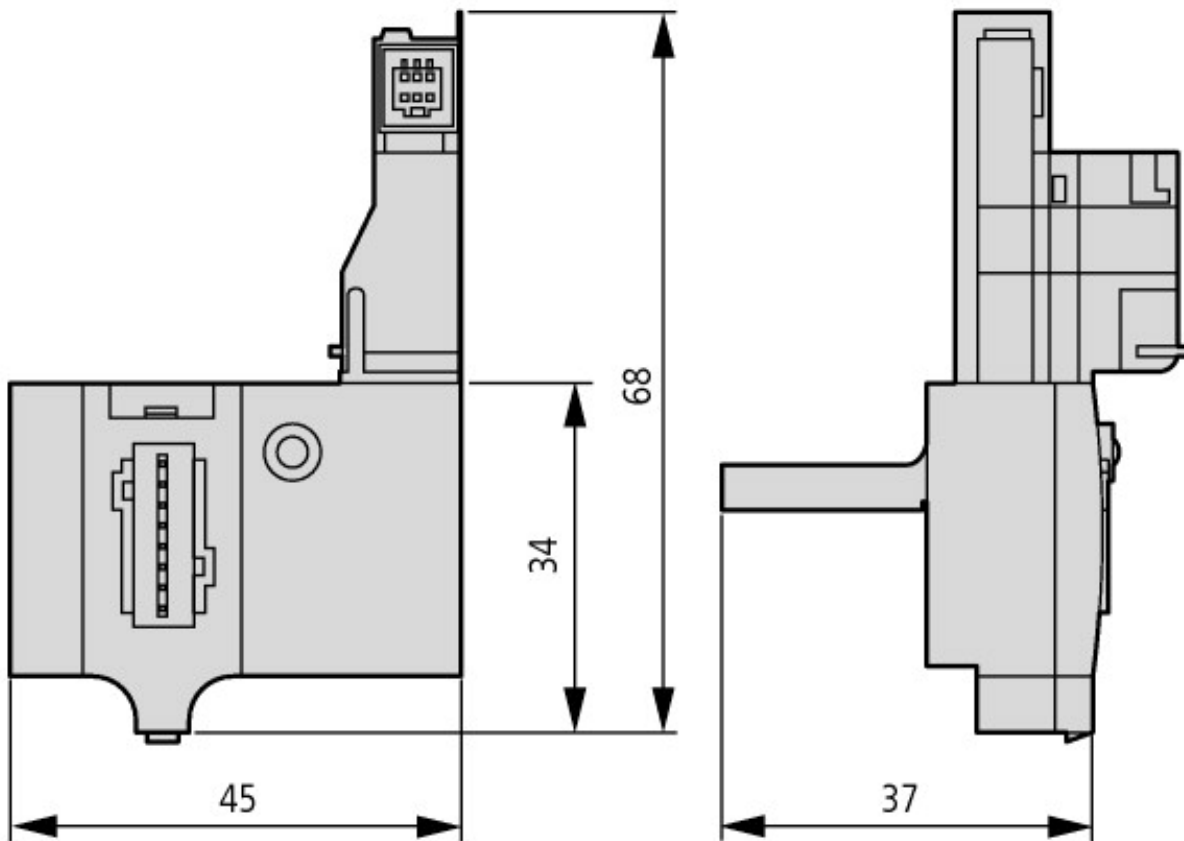
Technical data ETIM 7.0

Low-voltage industrial components (EG000017) / Accessories for low-voltage switch technology (EC002498)			
Electric engineering, automation, process control engineering / Low-voltage switch technology / Component for low-voltage switching technology / Component for low-voltage switch technology (accessories) (ecl@ss10.0.1-27-37-13-92 [AKN570013])			
Type of accessory			Communication and measuring function

Approvals

Specially designed for North America			No
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Dimensions



SmartWire-DT PKE module (circuit-breakers)

Assets (links)

Declaration of CE Conformity

00002791

Instruction Leaflets

IL120003ZU2018_05

Manuals

MN05006001Z_DE (German)

MN05006001Z_EN (English)

MN05006001Z_IT (Italian)

MN05006002Z_DE (German)

MN05006002Z_EN (English)