

2296553

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V8 adapter for 8 x PLC-INTERFACE (6.2 mm), controller: PLC system cabling of input cards, connection 1: IDC/FLK pin strip 1x 14-position, connection 2: Plug-in connection (Can be snapped onto 8x PLC-INTERFACE terminals), connection 3: Screw connection 1x 2-position, number of channels: 8, control logic: plusschaltend

### Commercial data

Item number	2296553
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	C421
Product key	CK21C1
Catalog page	Page 427 (C-5-2019)
GTIN	4017918189150
Weight per piece (including packing)	107.5 g
Weight per piece (excluding packing)	100 g
Customs tariff number	85366990
Country of origin	DE



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### Technical data

### Product properties

Product type	Interface module
Product family	PLC-INTERFACE
Number of positions	14
No. of channels	8
Insulation characteristics	
Insulation	Functional insulation
Insulation characteristics: Air clearances and creepage distanc	ees
Insulation	Functional insulation
Overvoltage category	II
Pollution degree	2
ectrical properties	
Operating voltage range	18 V DC 33.6 V DC
Current (per branch)	≤ 1 A
Current (Power supply)	≤ 3 A
Air clearances and creepage distances	
Rated insulation voltage	50 V
Rated surge voltage	0.5 kV (1.2/50 μs)
Supported controller SIEMENS S7-1500	
Suitable I/O card	6ES7521-1BH00-0AB0
	6ES7521-1BH00-0AB0 6ES7521-1BL00-0AB0
	6ES7521-1BL00-0AB0
	6ES7521-1BL00-0AB0 6ES7521-1BP00-0AA0 (Sinking mode)
Suitable I/O card	6ES7521-1BL00-0AB0 6ES7521-1BP00-0AA0 (Sinking mode)
Suitable I/O card Supported controller ABB S800 I/O	6ES7521-1BL00-0AB0 6ES7521-1BP00-0AA0 (Sinking mode) 6ES7523-1BP50-0AA0 (DI32 (Sinking mode))
Suitable I/O card Supported controller ABB S800 I/O	6ES7521-1BL00-0AB0 6ES7521-1BP00-0AA0 (Sinking mode) 6ES7523-1BP50-0AA0 (DI32 (Sinking mode)) DI810
Suitable I/O card Supported controller ABB S800 I/O	6ES7521-1BL00-0AB0 6ES7521-1BP00-0AA0 (Sinking mode) 6ES7523-1BP50-0AA0 (DI32 (Sinking mode))  DI810 DI818
Suitable I/O card Supported controller ABB S800 I/O	6ES7521-1BL00-0AB0 6ES7521-1BP00-0AA0 (Sinking mode) 6ES7523-1BP50-0AA0 (DI32 (Sinking mode))  DI810 DI818 DI830
Suitable I/O card  Supported controller ABB S800 I/O  Suitable I/O card	6ES7521-1BL00-0AB0 6ES7521-1BP00-0AA0 (Sinking mode) 6ES7523-1BP50-0AA0 (DI32 (Sinking mode))  DI810 DI818 DI830
Suitable I/O card  Supported controller ABB S800 I/O  Suitable I/O card  Supported controller ALLEN-BRADLEY ControlLogix	6ES7521-1BL00-0AB0 6ES7521-1BP00-0AA0 (Sinking mode) 6ES7523-1BP50-0AA0 (DI32 (Sinking mode))  DI810 DI818 DI830 DI840
Suitable I/O card  Supported controller ABB S800 I/O  Suitable I/O card  Supported controller ALLEN-BRADLEY ControlLogix	6ES7521-1BL00-0AB0 6ES7521-1BP00-0AA0 (Sinking mode) 6ES7523-1BP50-0AA0 (DI32 (Sinking mode))  DI810 DI818 DI830 DI840
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Suitable I/O card  Supported controller ABB S800 I/O  Suitable I/O card  Supported controller ALLEN-BRADLEY ControlLogix  Suitable I/O card  Supported controller SIEMENS S7-400	6ES7521-1BL00-0AB0 6ES7521-1BP00-0AA0 (Sinking mode) 6ES7523-1BP50-0AA0 (DI32 (Sinking mode))  DI810 DI818 DI830 DI840  1756-IB32 1756-IB16



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Connection 1 (control level)

Connection method

Number of connections

Number of positions

Insertion/withdrawal cycles

Connection in acc. with standard

Supported controller MITSUBISHI MELSEC Q	
Suitable I/O card	QX81
	QX82
	QX82-S1
Supported controller MITSUBISHI MELSEC L	
Suitable I/O card	LX41C4
	LX42C4
Supported controller SIEMENS S7-300 / ET 200 M	
Suitable I/O card	CPU 313C-2DP
	CPU 314C-2DP
	CPU 314C-2PtP
	6ES7321-1BH02-0AA0
	6ES7321-1BL00-0AA0
	6ES7323-1BH01-0AA0
	6ES7323-1BL00-0AA0
	6ES7321-1BH10-0AA0
	CPU 313C
	CPU 313C-2PtP
Supported controller SCHNEIDER ELECTRIC Modicon TS	X QUANTUM
Suitable I/O card	DDI 353
	DDI 853
Supported controller EMERSON DeltaV	
Suitable I/O card	VE4001S2T2B3
Supported controller GE-FANUC RX3i	
Suitable I/O card	IC694MDL660
Supported controller YOKOGAWA CS3000 CentumVP	
Suitable I/O card	ADV151
	ADV161
Supported controller YOKOGAWA STARDOM	
Suitable I/O card	NFDV151

IEC 60603-13

IDC/FLK pin strip

1

14

> 50



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Pitch	2.54 mm
Connection 2 (field level)	
Connection method	Plug-in connection
Note	Can be snapped onto 8x PLC-INTERFACE terminals
Connection 3 (supply)	
Connection method	Screw connection
Stripping length	8 mm
Screw thread	M3
Number of connections	1
Number of positions	2
Conductor cross section rigid	0.2 mm² 4 mm²
Conductor cross section flexible	0.2 mm² 2.5 mm²
Conductor cross section AWG	24 12
gnaling	
Status display present	Yes
Operating voltage display	Green LED
mensions	
Item dimensions	
Width	49.93 mm
Height	41 mm
Depth	55.8 mm
aterial specifications	
Color	gray (RAL 7042)
Floreschille estine consuling to III 04	V0
Flammability rating according to UL 94	VO

#### Environmental and real-life conditions

#### Ambient conditions

Degree of protection (Module)	IP20
Degree of protection (Installation location)	≥ IP54
Ambient temperature (operation)	-40 °C 70 °C
Ambient temperature (storage/transport)	-40 °C 70 °C
Altitude	≤ 2000 m

## Approvals

#### CE

CE	
Certificate	CE-compliant
UKCA	



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UL, Canada Identification  Class I, Zone 2, Ex ec IIC Gc T4 X  UL, USA Identification  Class I, Zone 2, AEx ec IIC T4  Shipbuilding approval  Certificate  TAE0000196  DNV GL data  Temperature  D Humidity  A Vibration  C EMC  B Enclosure  Required protection according to the Rules shall be proviupon installation on board  WC data  Low Voltage Directive  Conformance with Low Voltage Directive  Electromagnetic compatibility  Conformance with EMC directive  andards and regulations  Air clearances and creepage distances  Standards/regulations  EN IEC 60664-1  ounting  Mounting type  Plug-on assembly  Assembly instructions  in rows with zero spacing  Mounting position  others  General  For proper use, the specifications of the installation direct pownloads) must be observed. For applications or use we party products, the specifications, and the safety and was party products, the specifications, and the safety and was party products, the specifications on use we party products, the specifications or use we party products, the specifications on the safety and was party products, the specifications on the safety and was party products, the specifications on the safety and was party products, the specifications on the safety and was party products, the specifications on the safety and was party products, the specifications on the safety and was party products, the specifications on the safety and was party products, the specifications on the safety and was party products, the specifications on the safety and was party products, the specifications on the safety and was party products, the specifications on the safety and was party products, the specifications on the safety and was party products, the specifications on the safety and was party products, the specifications on the party products, the specifications of the party products of the party products o	L, USA/Canada	
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be met.	General	For proper use, the specifications of the installation directive (see Downloads) must be observed. For applications or use with third party products, the specifications, and the safety and warning instructions of the respective third-party manufacturer must also be met.



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## Classifications

UNSPSC 21.0

#### **ECLASS**

	ECLASS-11.0	27141152
	ECLASS-13.0	27141152
	ECLASS-12.0	27141152
ΕΊ	ТІМ	
	ETIM 9.0	EC002780
U	NSPSC	

39121400



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## Environmental product compliance

REACh SVHC	Lead 7439-92-1
	Hexahydromethylphthalic anhydride
Ohios Dallo	Facility as a stally. Friendly, Han Davied - FO years
China RoHS	Environmentally Friendly Use Period = 50 years

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