CUC-SI-CM/RJ45-C6A - Data interface

1484212

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CONTACT

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Data interface, design: RJ45, number of positions: 8, 10 Gbps, CAT6$_A$ (IEC 60603-7-51), material: PA, connection method: Coupling, Ethernet

Commercial data

Item number	1484212
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB18
Product key	ABNKAA
GTIN	4063151923457
Weight per piece (including packing)	33.44 g
Weight per piece (excluding packing)	30.835 g
Customs tariff number	85366990
Country of origin	DE

Technical data

Product properties

Sensor type	Ethernet
Number of positions	8
Connection profile	RJ45
Shielded	yes

Insulation characteristics

Overvoltage category	II
Degree of pollution	3

Electrical properties

Rated surge voltage (Contact - contact)	≥ 1000 V DC
Rated surge voltage (Contact - shield)	≥ 1500 V DC
Rated current	1 A (At T = 50°C)
Contact resistance	≤ 200 mΩ (Input side to output side)
Insulation resistance	≥ 500 MΩ
Nominal voltage U_N	50 V AC
	72 V DC
Nominal current I_N	1.5 A
Contact resistance per contact pair	≤ 20 mΩ
Transmission medium	Copper
Transmission speed	10 Gbps
Transmission characteristics (category)	$CAT6_A$ (IEC 60603-7-51)
Power transmission	PoE+ (IEEE 802.3at)

Connection data

Connection method	Coupling
Tightening torque	... 1 Nm

Dimensions

Width	29.5 mm
Height	45.1 mm
Length	40 mm

Material specifications

Flammability rating according to UL 94 (Housing)	V0
Flammability rating according to UL 94 (Protective cover)	HB
Housing material	PA
Contact material	Copper alloy
Contact surface material	gold-plated
Contact carrier material	Die-cast zinc, nickel-plated
Material, protective cover	TPE-V

Material for screw connection	PA

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	≥ 750

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP65/IP67 (with closed protective cover)
Ambient temperature (operation)	-40 °C ... 70 °C

Mounting

Mounting type	Front mounting
Assembly note	Panel thicknesses: 1 mm ... 5 mm

Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1484212

UL Listed
Approval ID: E335024-V5S1

cUL Listed
Approval ID: E335024-V5S1

Classifications

ECLASS

ECLASS-15.0	27440109
ECLASS-13.0	27440209

ETIM

ETIM 10.0	EC002641

UNSPSC

UNSPSC 21.0	39121400

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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions

China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%