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## RJ45 connector - CUC-IND-C1ZNI-B/R4QV6 - 1406338

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RJ45 connector, Degree of protection: IP20, Number of positions: 6, 100 Mbps, CAT5 (IEC 11801:2002), Material: Zinc die-cast, Connection method: IDC fast connection, Connection cross section: AWG 26-24, Cable exit: angled, High degree of resistance to vibration; 360° shielding; one-piece design; special tool-free assembly

### Why buy this product

- assembly without special tools
- One-Piece Design
- 360° shielding
- High shock and vibration resistance



### Key Commercial Data

Packing unit	1 STK
GTIN	 4 046356 760744
GTIN	4046356760744
Sales Key	ABNAAA

### Technical data

#### Mechanical characteristics

Number of positions	6
Connection profile	RJ45
Insertion/withdrawal cycles	≥ 750
Connection method	IDC fast connection
Conductor cross section	4x 0.25 mm <sup>2</sup> ... 0.34 mm <sup>2</sup> (Data (solid and stranded))
	2x 0.23 mm <sup>2</sup> ... 0.32 mm <sup>2</sup> (Power (solid and stranded))
Connection cross section AWG	4x 26 ... 24 (Data (solid and stranded))
	2x 23 ... 22 (Power (solid and stranded))
Max. cable diameter	5 mm ... 9 mm
External cable diameter	5 mm ... 9 mm

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### Technical data

#### Mechanical characteristics

Cable exit	angled
Wire diameter including insulation	≤ 1.6 mm
Degree of protection	IP20
Design	RJ45, IP20
No. of cable outlets	1

#### Ambient conditions

Ambient temperature (operation)	-40 °C ... 70 °C
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#### Material data

Flammability rating according to UL 94	V0
Housing material	Zinc die-cast
Contact carrier material	PC
Contact material	Copper alloy
Contact surface material	Gold over nickel

#### Electrical characteristics

Number of positions	6
Transmission speed	100 Mbps
Transmission characteristics (category)	CAT5 (IEC 11801:2002)
GRP transmission properties	CAT5 (IEC 11801:2002)
Transmission speed	100 Mbps
Frequency range	to 100 MHz
Rated current	1.75 A
Overvoltage category	I
Rated voltage (III/3)	50 V

#### Standards and Regulations

Flammability rating according to UL 94	V0
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#### Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"