

# VS-08-BU-RJ45-6/KA/LSA - RJ45 jack insert



1653168

<https://www.phoenixcontact.com/us/products/1653168>

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RJ45 socket insert, modular (Keystone), CAT6, 8-pos., shielded, with cable connection (LSA), for litz and solid wires AWG 26 ... 22

## Commercial data

Item number	1653168
Packing unit	5 pc
Minimum order quantity	5 pc
Sales key	AB10
Product key	ABNACA
Catalog page	Page 337 (C-4-2015)
GTIN	4017918970086
Weight per piece (including packing)	30.36 g
Weight per piece (excluding packing)	27.394 g
Customs tariff number	85366990
Country of origin	CN

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## Technical data

### Product properties

Type	RJ45
Product type	Female insert
Sensor type	Ethernet
Number of positions	8
Connection profile	RJ45
Number of slots	1
Type	Socket
Shielded	yes

### Insulation characteristics

Overvoltage category	II
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### Electrical properties

Rated voltage (III/3)	72 V (DC)
Rated current	2 A
Insulation resistance	$\geq 500 \text{ M}\Omega$
Nominal current $I_N$	2 A
Contact resistance	$\leq 20 \text{ m}\Omega$
Transmission medium	Copper
Transmission characteristics (category)	CAT6 <sub>A</sub>
Power transmission	PoE++

### Connection data

#### Connection technology

Connection method	IDC connection
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### Material specifications

Flammability rating according to UL 94	V0
Contact material	Copper alloy
Contact surface material	Gold
Housing material	Plastic

### Cable/line

Cable type	Suitable for round cables, litz wires, and solid conductors. Not suitable for flat-ribbon cables
External cable diameter ( )	8 mm
External cable diameter	10 mm
Shielding	360°

### Mechanical properties

#### Mechanical data

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Insertion/withdrawal cycles	≥ 1000
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## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-40 °C ... 66 °C

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## Classifications

### ECLASS

ECLASS-11.0	27440223
ECLASS-12.0	27440223
ECLASS-13.0	27440223

### ETIM

ETIM 9.0	EC003557
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### UNSPSC

UNSPSC 21.0	39121400
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## Environmental product compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

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