PHŒNIX CONTACT

RJ45 connector - CUC-STD-C1PGY-S/R4E8:1 - 1414382

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RJ45 connector, Degree of protection: IP20, Number of positions: 8, 1 Gbps, CAT6, Material: PA, Connection method: IDC connection technology, Connection cross section: AWG 24-27, Cable exit: straight

Ethernet

Key Commercial Data

Packing unit	1 STK
Custom tariff number	85366990
Country of origin	Poland

Technical data

Mechanical characteristics

Number of positions	8
Connection profile	RJ45
Insertion/withdrawal cycles	≥ 750
Connection method	IDC connection technology
Type of contact	Crimp contacts
Conductor cross section	0.1 mm² ... 0.2 mm² (stranded)
Connection cross section AWG	24 ... 27 (stranded)
External cable diameter	7 mm
Cable exit	straight
Color	gray

Ambient conditions

Ambient temperature (operation)	-25 °C ... 60 °C

Material data

Flammability rating according to UL 94	V2

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Technical data

Material data

Housing material	PA
Contact carrier material	PC
Contact material	Phosphor bronze
Contact surface material	Gold

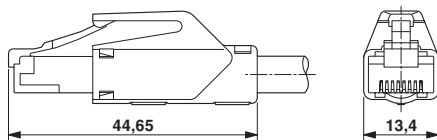### Electrical characteristics

Number of positions	8
Transmission characteristics (category)	CAT6
GRP transmission properties	CAT6
Transmission speed	1 Gbps (250 MHz)
Rated current	1 A
Degree of pollution	2

Standards and Regulations

Flammability rating according to UL 94	V2

Drawings

Dimensional drawing

RJ45 connector, IP20

Dimensional drawing
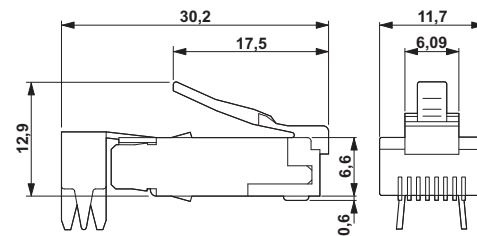
RJ45 male insert

Classifications

eCl@ss

eCl@ss 5.1	27260701
eCl@ss 6.0	27260704
eCl@ss 8.0	27440101
eCl@ss 9.0	27440101

ETIM

ETIM 5.0	EC002636

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Approvals

Approvals

Approvals

EAC

Ex Approvals

Approvals submitted

Approval details

EAC