

VS-PPC-C1-SCRJ-MNNA-PG9-A3C-C - FO connectors

1608045
<https://www.phoenixcontact.com/it/products/1608045>

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FO connectors, degree of protection: IP65/IP67, number of positions: 2, MM, material: Metal, connection method: Push-pull, cable outlet: straight, color: silver

Commercial data

Item number	1608045
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	ABN
Product key	ABNOBA
Catalog page	Page 131 (C-2-2013)
GTIN	4046356131711
Weight per piece (including packing)	74.8 g
Weight per piece (excluding packing)	70.84 g
Customs tariff number	85366990
Country of origin	DE

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Technical data

Notes

General	This product corresponds to the PROFINET Cabling and Interconnection Technology Guideline for PROFINET regulations, version 2.00, order no: 2.252, Chapter 8.4 Connectors for outside environment (optical fibre) and chapter 13 Application specific Cabling and Interconnection Technology (AIDA)
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Product properties

Type	SC-RJ
Product type	Data connector (cable side)
Number of positions	2
Connection profile	SCRJ
Cable outlet	straight

Insulation characteristics

Overvoltage category	I
Degree of pollution	2

Electrical properties

Attenuation	≥ 2 dB (Insertion attenuation)
Transmission medium	FO
Transmission characteristics (category)	MM

Connection data

Connection technology

Connection method	Push-Pull
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Dimensions

Width	22 mm
Height	30 mm
Length	62.5 mm

Material specifications

Color	silver
Material	Metal
Flammability rating according to UL 94	V0
Ferrule material	Copper alloy
Housing surface material	nickel-plated
Cable seal material	TPE
O-ring material	NBR
Housing material	Metal

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Cable/line

Cable type	Plastic-coated fiber
External cable diameter ()	6.5 mm ... 9.5 mm
Wire diameter	2.2 mm
Individual wire diameter	2.2 mm
Resistance to oil	yes
Flame resistance	yes

FO cable

Number of fibers	2
Fiber	200/230 µm
Fiber type	PCF

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	≥ 500
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Characteristics

Attenuation	≥ 2 dB (Insertion attenuation)
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Environmental and real-life conditions

Ambient conditions

Degree of protection	IP65/IP67
Ambient temperature (operation)	-25 °C ... 70 °C
Ambient temperature (storage/transport)	-25 °C ... 70 °C
Ambient temperature (assembly)	0 °C ... 50 °C
Resistance to oil	yes

Standards and regulations

Flame resistance	yes
Resistance to oil	yes
Standards/specifications	IEC PAS 61076-3-117

Mounting

Connection method	Push-Pull
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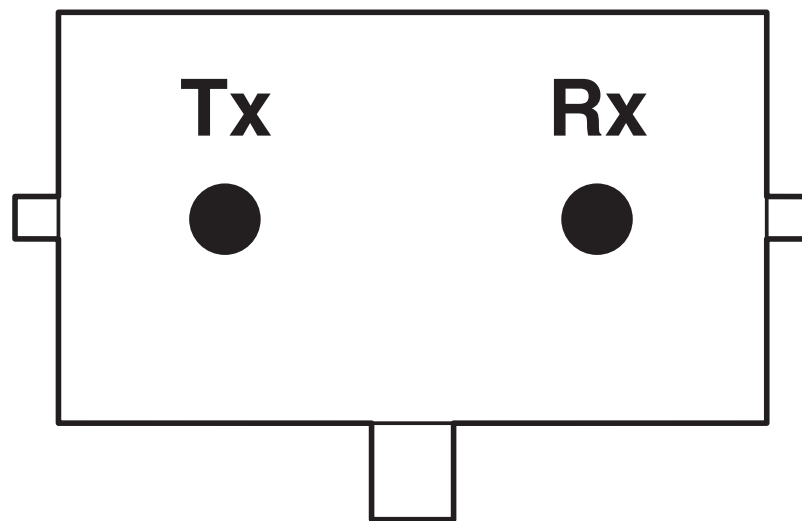
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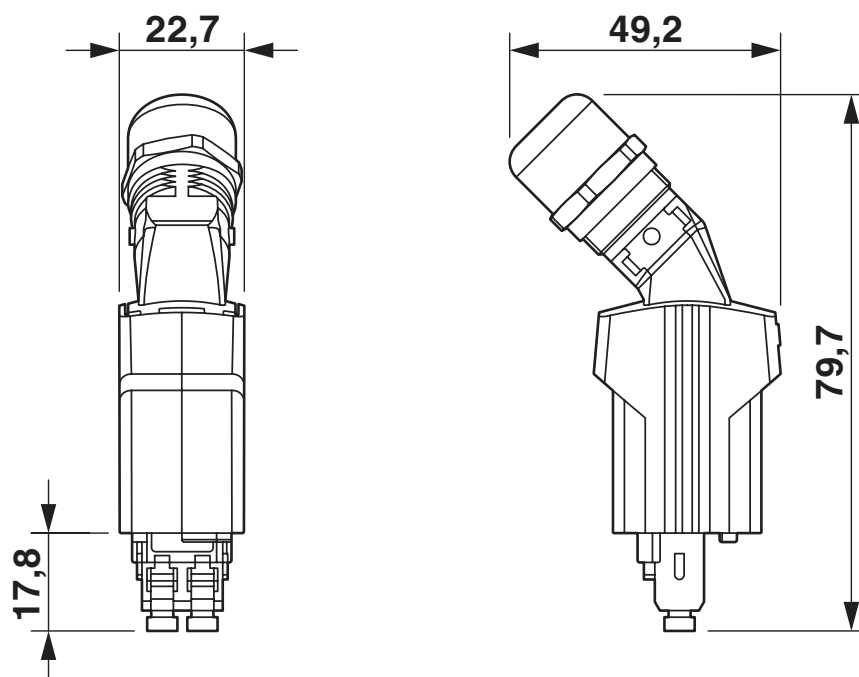
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Drawings

Schematic diagram



Dimensional drawing



Push-Pull SC-RJ connector IP65/67

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Approvals

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UL Listed

Approval ID: E308814-20070105

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Classifications

ECLASS

ECLASS-11.0	19170122
ECLASS-12.0	19170122
ECLASS-13.0	19170122

ETIM

ETIM 9.0	EC001122
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UNSPSC

UNSPSC 21.0	43223300
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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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