

INDUSTRIAL COMPONENT DATA

SACC-DSI-M8FS-6CON-M10-L90 SH 1424243 PHOENIX CONTACT Flush-type connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: SACC-DSI-M8FS-6CON-M10-L90 SH



Manufacturer	PHOENIX CONTACT
MPN / Reference	SACC-DSI-M8FS-6CON-M10-L90 SH
Catalog number	1424243
Category	Circular connector, mounting (PCB)
Minimum order	20 Pcs
Document ID	EO-C6F22842F4
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Product Overview

Flush-type connector

Conn. plug. Incorpor. e.g. sensors/actuators, female connection, 6 poles, M8, rear wall mounting/screwed c. clamping thread M10, c. connection. Welding acod.

Device connector rear mounting, 6-position, Socket, angled, M8, Rear mounting, M10, Solder pins

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path	PHOENIX CONTACT > Field Device Connectors (FDC)
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Additional Product Information

Technical dataMountingMounting type Rear mounting M10 With flat nut

Assembly note With flat nut

Product propertiesProduct type Circular connectors (device side)

Number of positions 6

Shielded yes

Coding A

Thread type M8

Data management status

Article revision 03

Insulation characteristics

Overvoltage category II

Degree of pollution 3

Material specifications Flammability rating according to UL 94 HB

Seal material NBR

Contact material Cu alloy

Contact surface material Au

Contact carrier material PA 6.6

Material for screw connection Zinc die-cast, nickel-plated

Electrical properties Rated surge voltage 0.8 kV

Contact resistance $\leq 3 \text{ m}\Omega$

Insulation resistance $\geq 100 \text{ M}\Omega$

Nominal voltage UN 30 V AC

30 V DC

Nominal current IN 1.5 A

Connection data Conductor connection

Connection method Solder pins

Contact connection type Socket

Tightening torque 1 Nm ... 1.5 Nm (Installation-side)

Mechanical properties Mechanical data

Insertion/withdrawal cycles > 100

Connector Connection 1

Head design Socket

Head cable outlet angled

Head thread type M8

Environmental and real-life conditions Ambient conditions

Degree of protection IP67

IP67

Ambient temperature (operation) $-40^\circ\text{C} \dots 85^\circ\text{C}$

$-25^\circ\text{C} \dots 85^\circ\text{C}$

Standards and regulations M8

Standard designation M8 connector

Standards/specifications IEC 61076-2-104

ETIM for 1424243 Connectors (EC003569)

Feature Name

Feature Value

Type of plug-in contact, outer side (EF005528)

Female (bus)

Mounting method (EF000003)

Back wall mounting

Screw-in thread (EF012303)

M10

Wi...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SACC-DSI-M8FS-6CON-M10-L90 SH with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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