

SACC-DSIV-M12FS-5CON-L90 ST X - Device connector rear mounting



1396608

<https://www.phoenixcontact.com/us/products/1396608>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.

Device connector rear mounting, 5-position, Socket, angled, M12, A-coding, Wave soldering



Your advantages

- Standard pin assignments and codings for signal and data transmission with a uniform design-in design
- Easy PCB mounting: two-piece connectors for wave soldering
- Secure assembly: locking clips for fixing onto the PCB
- Sustainable and future-proof: lead-free in accordance with RoHS II without Exemption 6c
- Worldwide availability through global distribution channels

Commercial data

Item number	1396608
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	AB23
Product key	ABQEHI
GTIN	4063151781316
Weight per piece (including packing)	13.59 g
Weight per piece (excluding packing)	13.5 g
Customs tariff number	85366990
Country of origin	CN

SACC-DSIV-M12FS-5CON-L90 ST X - Device connector rear mounting



1396608

<https://www.phoenixcontact.com/us/products/1396608>

Technical data

Mounting

Mounting type	Rear mounting (M12 x 1, with locking nut)
---------------	---

Product properties

Product type	Circular connectors (device side)
Number of positions	5
Shielded	no
Coding	A
Thread type	M12

Insulation characteristics

Ovvoltage category	II
Degree of pollution	3

Material specifications

Material Housing	Zinc alloy
Material Insulating body	PA 10T
Material Contact	Copper alloy
Material Contact surface	Ni/Au
Material Seal	FKM
Flammability rating according to UL 94	V-0

Electrical properties

Rated surge voltage	1.5 kV
Insulation resistance	$\geq 100 \text{ M}\Omega$
Nominal voltage U_N	60 V
Nominal current I_N	4 A

Connection data

Conductor connection	
Connection method	Wave soldering
Contact connection type	Socket

Mechanical properties

Mechanical data	
Insertion/withdrawal cycles	> 100

Connector

Connection 1	
Head design	Socket

SACC-DSIV-M12FS-5CON-L90 ST X - Device connector rear mounting



1396608

<https://www.phoenixcontact.com/us/products/1396608>

Head cable outlet	angled
Head thread type	M12
Coding	A

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP67
Ambient temperature (operation)	-25 °C ... 85 °C
UL Type Rating	Type 4 (indoor use only)

Standards and regulations

Standard designation	M12 circular connector
Standards/specifications	according to IEC 61076-2-101

SACC-DSIV-M12FS-5CON-L90 ST X - Device connector rear mounting



1396608

<https://www.phoenixcontact.com/us/products/1396608>

Approvals

ⓘ To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1396608>

cULus Recognized		Approval ID: E529600-20230307			
		Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
keine		60 V	4 A	22	-

SACC-DSIV-M12FS-5CON-L90 ST X - Device connector rear mounting



1396608

<https://www.phoenixcontact.com/us/products/1396608>

Classifications

ECLASS

ECLASS-13.0	27440110
ECLASS-15.0	27440110

ETIM

ETIM 9.0	EC003568
----------	----------

SACC-DSIV-M12FS-5CON-L90 ST X - Device connector rear mounting



1396608

<https://www.phoenixcontact.com/us/products/1396608>

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
---	--------------------

China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
-------------------------------------	----------------------------

Phoenix Contact 2025 © - all rights reserved
<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com