HC-26S1N8A80DU - Cable connector

1623256

https://www.phoenixcontact.com/us/products/1623256

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CRIMP



The figure shows the product with assembled crimp contacts. Please order crimp contacts separately.

Cable connector, application: Signal, straight, Screw locking mechanism, M27, number of positions: 26, contact connection type: Socket, shielded: yes, degree of protection: IP67, cable diameter range: 2 mm ... 14.5 mm, number of positions: 26, connection method: Crimp connection, series: HC, this item is expected to be lead-free from Q3 2026 in accordance with RoHS II without exception 6c (Pb < 0.1%), a lead-free alternative is possible on request in advance

Commercial data

Item number	1623256
Packing unit	12 pc
Minimum order quantity	12 pc
Sales key	AB31
Product key	ABRAJA
GTIN	4055626272993
Weight per piece (including packing)	89.71 g
Weight per piece (excluding packing)	81.593 g
Customs tariff number	85366990
Country of origin	DE

Technical data

Notes

Order information:	Order crimp contacts Ø 1 mm separately

Product properties

Product type	Circular connector (cable-side)
Series	HC
Application	Signal
Number of positions	26
Connection profile	26
Shielded	yes
Coding	N
Thread type	M27

Material specifications

Material Housing	Metal
Seal material	FPM or NBR or EPDM

Connection data

Conductor connection

Connection method	Crimp connection

Electrical properties

Contact

Contact diameter	1 mm
Nominal current I_N	8 A
Nominal voltage U_N	48 V AC
	74 V DC
Overvoltage category	III
Degree of pollution	3
Rated surge voltage	1.5 kV

Connector

Type	straight
Direction of rotation	Standard

Connection 1

Head design	Socket
Head cable outlet	straight
Head thread type	M27

Cable/line

External cable diameter	2 mm ... 14.5 mm

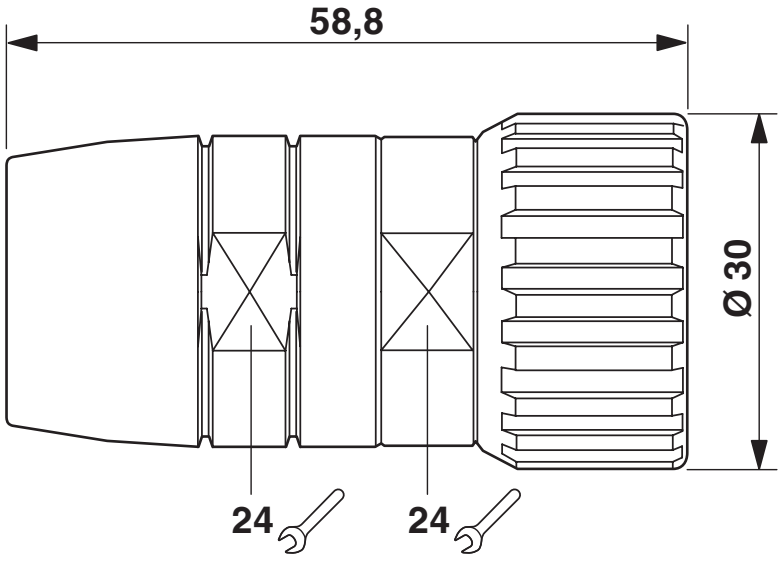
Environmental and real-life conditions

Ambient conditions

Degree of protection	IP67 (When plugged in)
Ambient temperature (operation)	-20 °C ... 125 °C
Altitude	2000 m

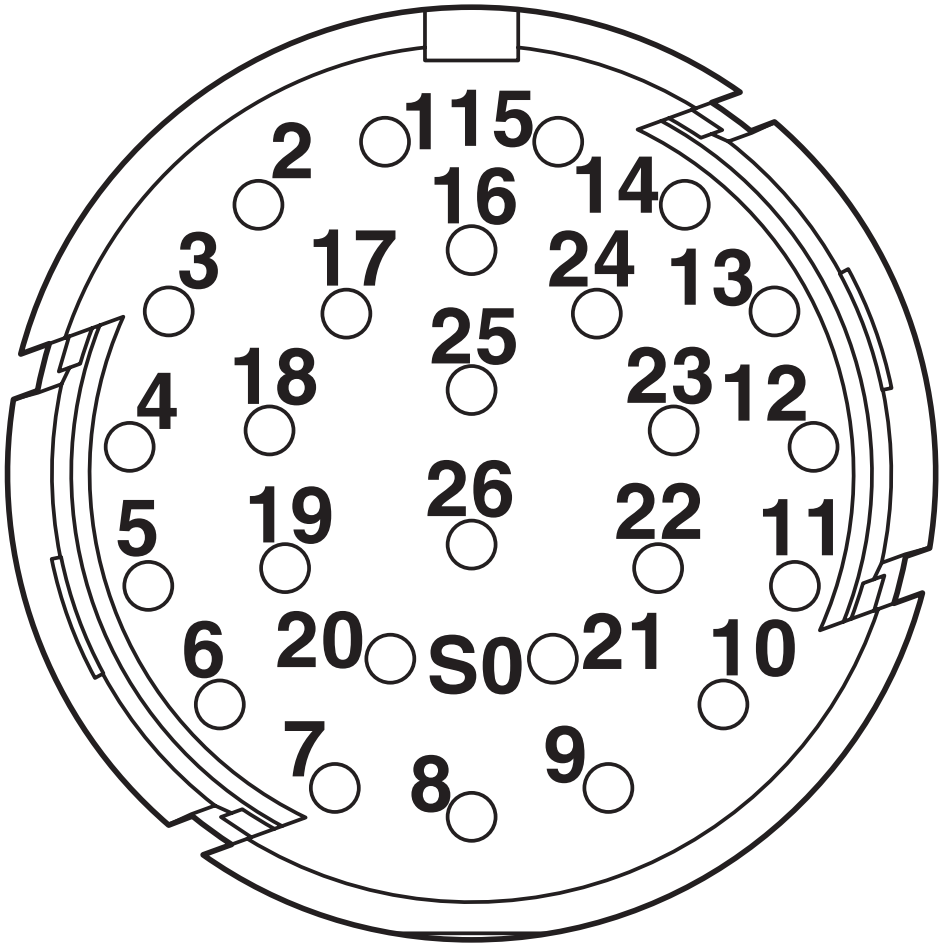
Drawings

Dimensional drawing



Dimensional drawing

Schematic diagram



Connector pin assignment

Classifications

ECLASS

ECLASS-13.0	27440116
ECLASS-15.0	27440116

ETIM

ETIM 10.0	EC002635

UNSPSC

UNSPSC 21.0	39121400

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)

China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	cac65859-3c93-4132-91a7-eae0fd64dfee

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https://www.phoenixcontact.com

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