

Coupler connector - RF-17S2N8A90DU - 1607352

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's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



Coupler connector, straight, Screw locking, M23, number of positions: 17, type of contact: Socket, Crimp connection, shielded: yes, cable diameter range: 5 mm ... 13.2 mm

The figure shows the 12-pos. product version with standard contact chamber numbering

RoHS

Key Commercial Data

Packing unit	20 pc
GTIN	 4 046356 174718
GTIN	4046356174718

Technical data

General

Note	Order information: Order crimp contacts Ø 1 mm separately
Type of locking	Screw locking
Direction of rotation of contact chamber numbering	Counter direction
Coding	N
Contact connection method	Crimp connection
Type of contacts	Socket
Number of positions	17
Contact diameter of power contacts	1 mm
Nominal current per power contact at 25°C	8 A
Conductor entry	5 mm ... 13.2 mm
Pg housing screw connection	none

Ambient conditions

Ambient temperature	-40 °C ... 125 °C
Degree of protection	IP67

Material

Coupler connector - RF-17S2N8A90DU - 1607352

Technical data

Material

Housing material	Turned parts: copper zinc alloy (CuZn), die-cast parts: zinc (GD-Zn)
Insulator material	PA 6.6
Gasket and O-ring material	FPM

Specifications according to DIN EN 61984:2001

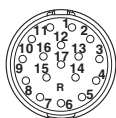
Installation height max.	2000 m
Nominal / operating voltage of power contacts	100 V
Rated surge voltage of power contacts	1.5 kV
Overvoltage category of power contacts	III
Degree of pollution of power contacts	3
Overvoltage category of signal contacts	III
Degree of pollution of signal contacts	3

Environmental Product Compliance

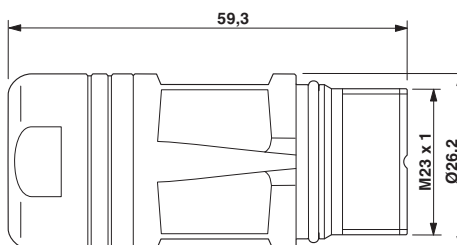
REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

Schematic diagram

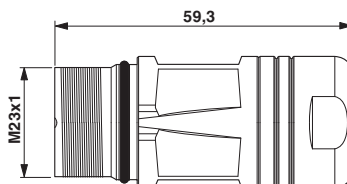


Dimensional drawing



RF-12(17)...N8A90DU

Dimensional drawing



Approvals

Approvals

Coupler connector - RF-17S2N8A90DU - 1607352

Approvals

Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

Ex Approvals

Approval details

UL Recognized			http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 153698
Nominal voltage UN		125 V		
Nominal current IN		1 A		
mm²/AWG/kcmil		26		

cUL Recognized			http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 153698
Nominal voltage UN		125 V		
Nominal current IN		1 A		
mm²/AWG/kcmil		26		

EAC		B.01742
-----	---	---------

cULus Recognized	
------------------	---

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Phoenix Contact:](#)

[1607352](#)