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Device connector, front mounting - M23-7EP198AA600S - 1628484

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Device connector for front wall, M23 PRO, angled rotatable, for standard and ONECLICK fast locking system, M23, No. of pos.: 4+3+PE, type of contact: Pin, Crimp connection, flange dimensions: 28 mm x 28 mm

Your advantages

☑ Solutions with cross-manufacturer compatibility for standard and fast locking systems

☑ Reliable under the harshest conditions: cable connectors with vibration brake

☑ Modern, consistent design for highly convenient operation

RoHS

Key Commercial Data

Packing unit	1 pc
GTIN	4 055626 622156
GTIN	4055626622156
Weight per Piece (excluding packing)	122.090 g
Sales Key	ABRCIL

Technical data

Temperature range

Ambient temperature (operation)	-40 °C ... 125 °C

Data of the insulating body

Note	Order information: Order crimp contacts 4 x Ø 1 mm, 4 x Ø 2 mm separately
Insulator material	PA 6.6
Contact connection method	Crimp connection
Type of contacts	Pin
Application	Power
Number of positions	8
Contact diameter of power contacts	2 mm
Litz wire cross section of power contacts min.	0.25 mm²

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Technical data

Data of the insulating body

Litz wire cross section of power contacts max.	4 mm²
Rated current for power contacts	30 A
Additional text	for max. connection cross section
Rated voltage of power contact	630 V
Rated surge voltage	6 kV
Overvoltage category	III
Degree of pollution	3
Contact diameter of signal contacts	1 mm
Litz wire cross section of signal contacts min.	0.06 mm²
Litz wire cross section of signal contacts max.	1 mm²
Nominal current per signal contact	9 A
Additional text	for max. connection cross section
Rated voltage of signal contact	250 V
Rated surge voltage	4 kV
Overvoltage category	III
Degree of pollution	3
Additional text	for max. connection cross section
Installation height	2000 m

Housing data

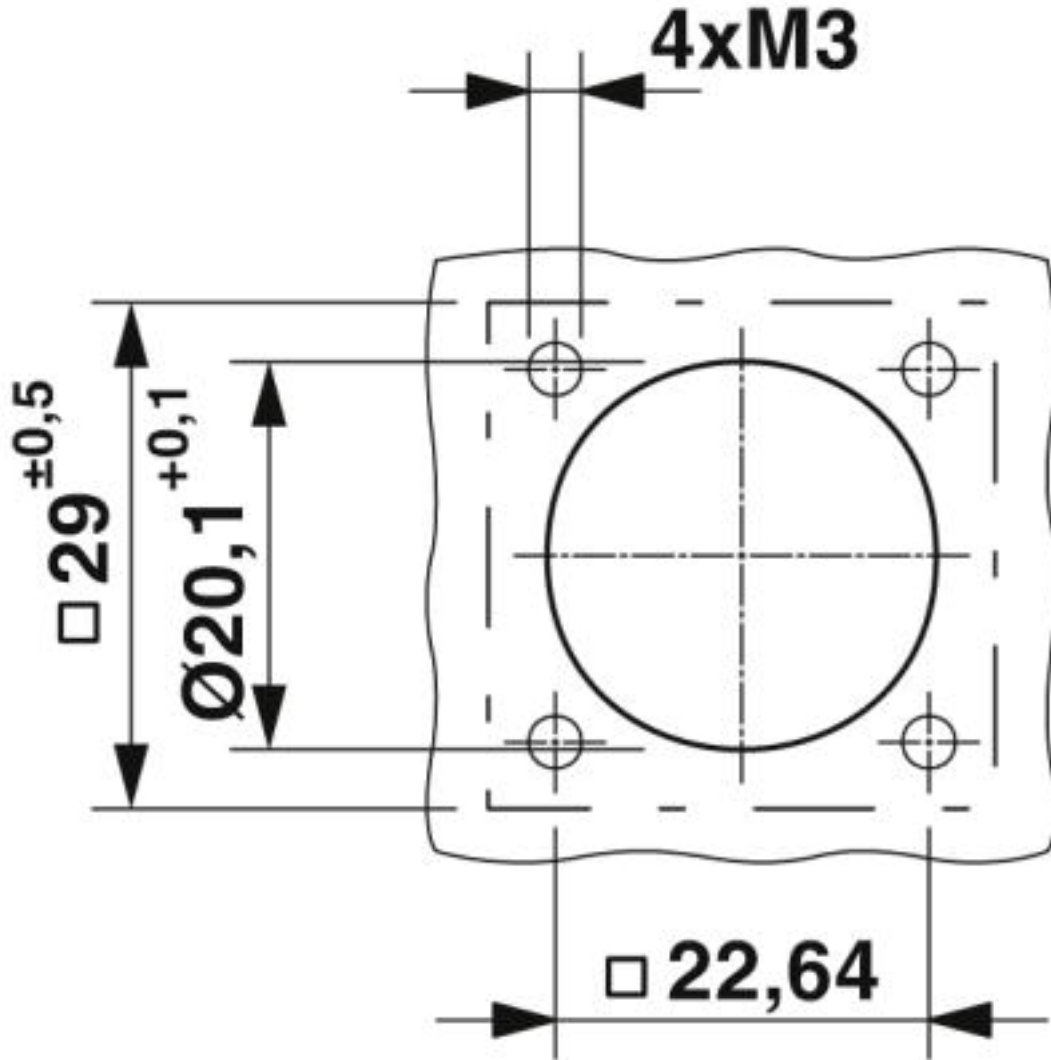|	
Housing material	GD-Zn
Flange dimensions	28 mm x 28 mm
Type of locking	for standard and ONECLICK fast locking system
Degree of protection (when plugged in)	IP66 / IP68 (2m / 24h) / IP69K
Thread type	M23

Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

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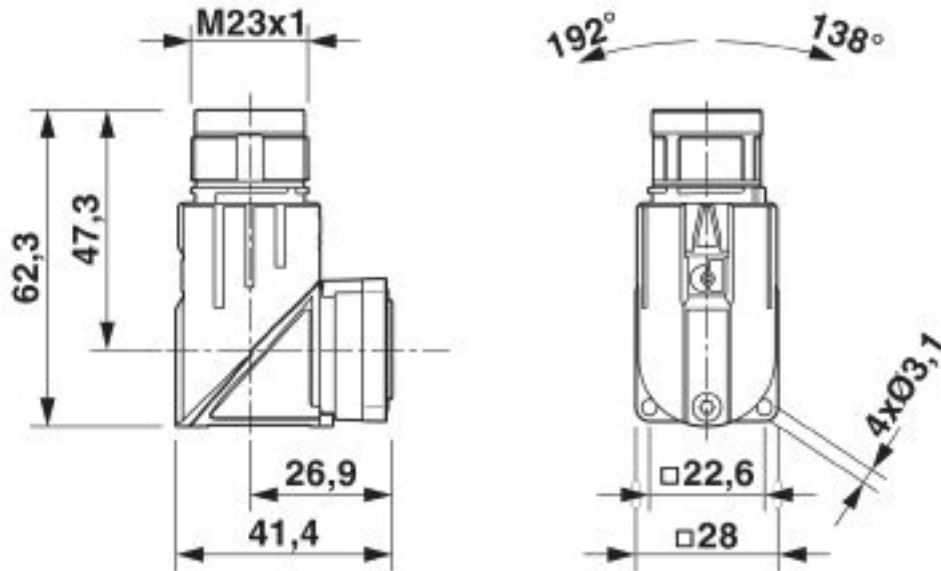
Dimensional drawing

Installation dimensions

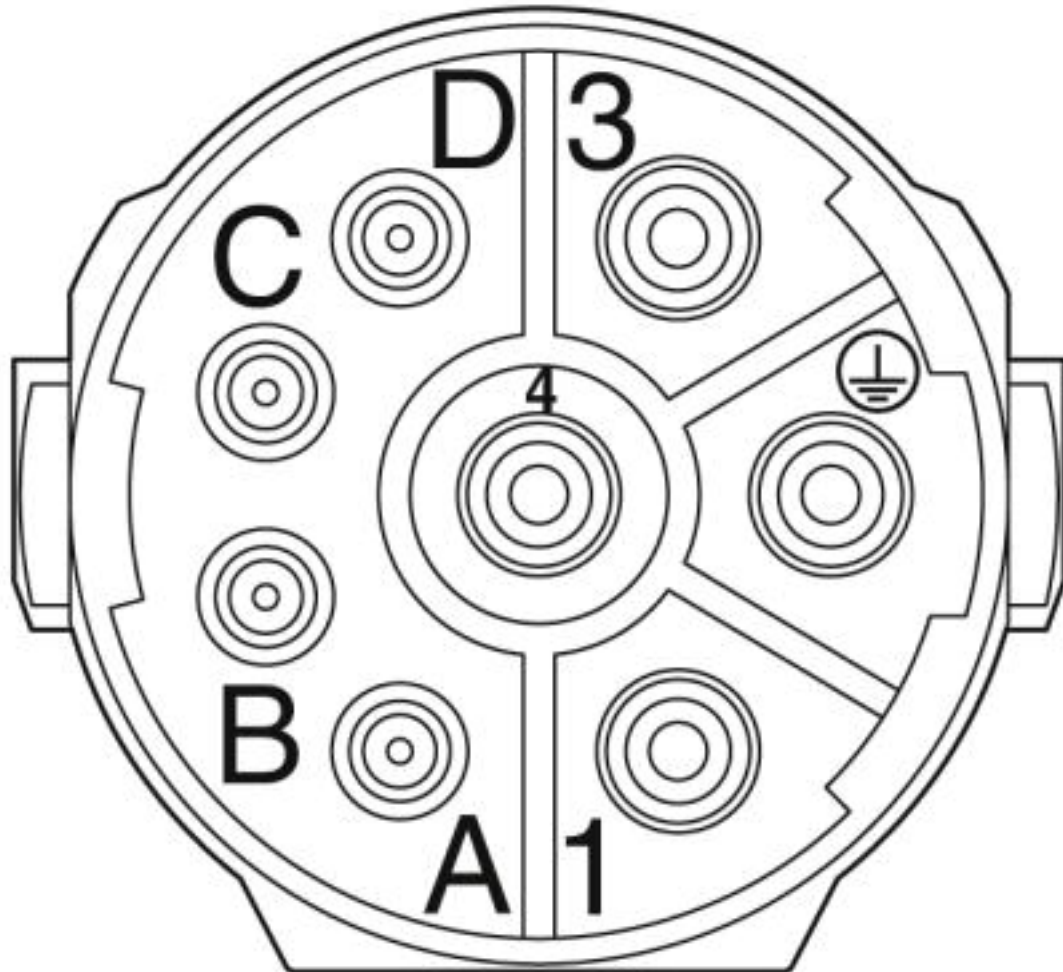# Device connector, front mounting - M23-7EP198AA600S - 1628484

Dimensional drawing

M23x1

62,3 47,3

26,9

41,4

192°   138°

4xØ3,1

□22,6

□28

Technical drawings can be found under Downloads

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Schematic diagram

Classifications

eCl@ss

eCl@ss 8.0	27440102
eCl@ss 9.0	27440103

ETIM

ETIM 5.0	EC002635
ETIM 6.0	EC002061

Approvals

Approvals

Approvals

UL Listed / cUL Listed / cULus Listed

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Approvals

Ex Approvals

Approval details

UL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm E468743-20190627

Nominal voltage UN	600 V
Nominal current IN	24 A
mm²/AWG/kcmil	10

cUL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm E468743-20190627

Nominal voltage UN	600 V
Nominal current IN	20 A
mm²/AWG/kcmil	10

cULus Listed	

Accessories

Accessories

Crimp contact

Crimp contact - SF-20KP011 - 1050147

Crimp contact, turned, contact diameter: 2 mm, crimp range: 0.25 mm² ... 1 mm²

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Accessories

Crimp contact - SF-20KP012 - 1050205

Crimp contact, turned, contact diameter: 2 mm, crimp range: 1.5 mm² ... 2.5 mm²

Crimp contact - SF-20KP013 - 1050210

Crimp contact, turned, contact diameter: 2 mm, crimp range: 2.5 mm² ... 4 mm²

Crimp contact - ST-10KP010 - 1618255

Crimp contact, turned, Single contact, contact diameter: 1 mm, crimp range: 0.06 mm² ... 0.25 mm²

Crimp contact - ST-10KP035 - 1618458

Crimp contact, turned, contact diameter: 1 mm, crimp range: 0.25 mm² ... 1 mm²

Mounting material

Screw - M23-Z0001 - 1035117

Anchor screw, self-tapping, for M23-PRO series angled device connectors

Protective cover

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Accessories

Metal protective cap - SC-Z2319 - 1605456

Metal protection cap for power connectors with M23 external thread