

## Female connector - RC/TGGM/KVD/LBL 16+3 - 1685505


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Socket M23, 19-pos., straight, shielded, freely configurable, with solder connection, for external cable diameter 9.5 mm ... 14.5 mm



### Key commercial data

Packing unit	1 PCE
GTIN	 4 017918 878900
Custom tariff number	85366990
Country of origin	GERMANY

### Technical data

#### General data

Rated voltage	150 V
Total rated current	10 A (with 1 mm <sup>2</sup> conductor cross section)
Number of positions	19
Degree of protection	IP65
Degree of protection	IP67
Ambient temperature (operation)	-20 °C ... 125 °C

#### Master cable data

Connection method	M23 screw locking
Conductor cross section max. (signal)	1 mm <sup>2</sup>
Conductor cross section max. (energy)	1.5 mm <sup>2</sup>
External cable diameter min.	9.5 mm
External cable diameter max.	14.5 mm

#### Insulation material

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### Technical data

#### Insulation material

Housing material	GD-Zn
Housing surface material	Nickel-plated
Contact material	CuZn
Contact surface material	Gold-plated
Contact carrier material	PBT
Sealing material	FPM

#### Connection assignment

Slot/position = pin = conductor color	1 / 4 (A) = 15 = WH
Slot/position = pin = conductor color	1 / 2 (B) = 7 = GY/PK
Slot/position = pin = conductor color	2 / 4 (A) = 5 = GN
Slot/position = pin = conductor color	2 / 2 (B) = 4 = RD/BU
Slot/position = pin = conductor color	3 / 4 (A) = 16 = YE
Slot/position = pin = conductor color	3 / 2 (B) = 8 = WH/GN
Slot/position = pin = conductor color	4 / 4 (A) = 3 = GY
Slot/position = pin = conductor color	4 / 2 (B) = 14 = BN/GN
Slot/position = pin = conductor color	5 / 4 (A) = 17 = PK
Slot/position = pin = conductor color	5 / 2 (B) = 9 = WH/YE
Slot/position = pin = conductor color	6 / 4 (A) = 2 = RD
Slot/position = pin = conductor color	6 / 2 (B) = 13 = YE/BN
Slot/position = pin = conductor color	7 / 4 (A) = 11 = BK
Slot/position = pin = conductor color	7 / 2 (B) = 10 = WH/GY
Slot/position = pin = conductor color	8 / 4 (A) = 1 = VT
Slot/position = pin = conductor color	8 / 2 (B) = 18 = GY/BN
Slot/position = pin = conductor color	1-8 / 1 (+ 120 V) = 19 = BN
Slot/position = pin = conductor color	1-8 / 3 (0 V) = 6 = BU
Slot/position = pin = conductor color	1-8 / 5 (PE) = 12 = GN/YE

### Classifications

#### ETIM

ETIM 2.0	EC000437
ETIM 3.0	EC000437
ETIM 4.0	EC000437
ETIM 5.0	EC000437

#### UNSPSC

UNSPSC 11	31261502
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## Classifications

### UNSPSC

UNSPSC 12.01	31261502
UNSPSC 13.2	31261502
UNSPSC 6.01	31261502
UNSPSC 7.0901	31261502

### eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27260701
eCl@ss 6.0	27261203
eCl@ss 7.0	27440202

## Approvals

### Approvals

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Approvals

GOST / GOST

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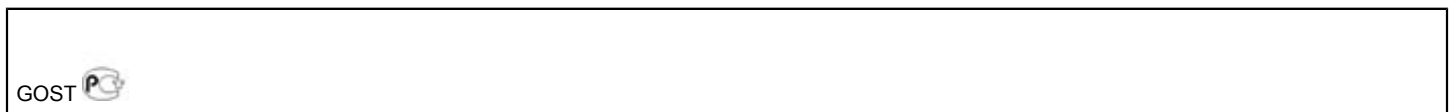
Ex Approvals

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Approvals submitted

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### Approval details



## Accessories

Accessories

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## Accessories

Pipe spanner - PLUSCON-RCS - 1665062



Special pipe spanner, tool for mounting the M23 connector housing (with assembly), for coupling and sleeve housing

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## Drawings

Schematic diagram



Pin assignment M23 socket, 19-pos., female side view

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Dimensioned drawing

