

Female connector - V-RC/TGUM 13/KVD 13/LBL 16+3 - 1000042

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M23 socket, 19-pos., straight, freely configurable, with solder connection, for external cable diameter of 10 mm ... 14 mm

Key commercial data

Packing unit	1
Minimum order quantity	1
Catalog page	Page 128 (PC-2009)
GTIN	 4 017918 399849
Custom tariff number	85366990
Country of origin	GERMANY

Technical data

General data

Rated voltage	150 V
Total rated current	10 A (with 1 mm ² conductor cross section)
Number of positions	19
Degree of protection	IP65/67
Inflammability class according to UL 94	V0
Ambient temperature (operation)	-20 °C ... 80 °C

Master cable data

Connection method	M23 screw locking
Conductor cross section max. (signal)	1 mm ²
Conductor cross section max. (energy)	1.5 mm ²
External cable diameter min.	10 mm
External cable diameter max.	14 mm

Insulation material

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

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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

eclass

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27260701
eCl@ss 6.0	27061801

etim

ETIM 2.0	EC000437
ETIM 3.0	EC001121
ETIM 4.0	EC001121

unspsc

UNSPSC 6.01	31261502
UNSPSC 7.0901	31261502
UNSPSC 11	31261502
UNSPSC 12.01	31261502
UNSPSC 13.2	31261502

Accessories

Accessories

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Accessories

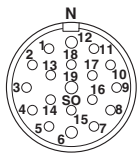
Pipe spanner - PLUSCON-RCS - 1665062



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

Drawings

Schematic diagram



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

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Dimensioned drawing

