

### Item description

Note on Continuous Service Temperature: -35°C ... +85°C  
PVC cable for temperatures ≤ 70 °C (including halogen-free)  
Insulating parts for temperatures ≤ 105 °C  
IP20, with strain relief housing (These compact connectors are not designed for use in open, easily accessible areas)

### Data

#### Electrical data

#### Ratings per IEC/EN 60664-1

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Rated voltage (III / 3)	250 V
Rated impulse voltage (III / 3)	4 kV
Rated current	16 A
Legend (ratings)	(III / 3) ≙ Overvoltage category III / Pollution degree 3

#### Connection data

Strip length	9 mm / 0.35 Inch
Total number of potentials	3
Sheathed cable diameter	7.4 ... 9.4 mm
Cross section from (1)	1.5 mm <sup>2</sup>

#### Geometrical Data

Pin spacing	10 mm (0.394 in)
Total length	2 m

## Mechanical data

Coding	A
Mating force of a plug-in connection	approx. 20 ... 70 N (depending on pole number)
Retention force of a plug-in connection	when locked: &#62; 80N
Unmating force of a plug-in connection	when unlocked: approx. 20 ... 70 N (depending on pole number)
Connection type cable/adaptor 1 1	Plug
Connection type cable/adaptor 1 2	free end
Connection type cable/adaptor 2 1	free end
Type of cable assembly	Connecting cable
Type of cable	H05Z1Z1-F 3G1.5
Marking	L N
Degree of protection	IP20
Potential marking	L N

## Plug connection

Mismating protection	Yes
Locking of plug-in connection	locking lever
Locking lever	no

## Material Data

Color	black
Insulating material	Polyamide 66 (PA 66)
Flammability class per UL94	V0
Reaction to fire class per EN 50575	E <sub>ca</sub>
Contact material	Copper or copper alloy, surface-treated
Fire load	3.453 MJ
Connector color	black
Printing color of mating face	white
Strain relief color	black
Printing color of strain relief	white
Color of sheathed cable	black
Printing color of sheathed cable	white
Halogen-free	Yes
Weight	205 g



## Environmental Requirements

Surrounding air (operating) temperature	-35 ... 85 °C
Processing temperature	-5°C ... +40°C
Continuous operating temperature from	-35 °C
Continuous operating temperature up to	85 °C

## Commercial data

Packaging type	not packed
Country of origin	DE
GTIN	4044918272032
Product Group	20 (WINSTA)

## Country specific Approvals

Logo	Approval	Certificate name
	CCA DEKRA Certification B.V.	NTR NL-7355
	KEMA/KEUR DEKRA Certification B.V.	2179129.01

## Product family

**WINSTA MIDI**  
[Show all products from the family.](#)

Subject to changes.