

Item description

- For low voltages up to 50 V
- Compact size, standardized interface
- Available in two different custom coding options with mismatching protection

Subject to changes. Please also observe the further product documentation!

**Note:**

All connectors for mounted installations (snap-in versions for lighting fixtures or devices, all types of PCB and distribution connectors) are factory-equipped with locking levers to ensure plugs and sockets are securely locked. Additional locking levers are only required for flying leads (plug /socket).

Note on mismatching protection:

All WINSTA[®] components are 100% protected against mismatching when:

- a.) plugging different numbers of poles
- b.) plugging while rotated 180
- c.) plugging while laterally staggered
- d.) plugging one pole

Data**Electrical data**

Note on Contact Resistance

approx. 3mΩ contact resistance

Ratings per IEC/EN 60664-1

Ratings per	IEC/EN 60664-1
Rated voltage (III / 3)	50 V
Rated impulse voltage (III / 3)	0.8 kV
Rated current	3 A
Legend (ratings)	(III / 3) ≙ Overvoltage category III / Pollution degree 3

Connection data

Connection technology	PUSH WIRE [®]
Actuation type	Push-in
Conductor diameter	0,8 mm
Strip length	9 mm / 0.35 inch
Note (strip length)	see also packaging or instructions
No. of poles	2
Total number of connection points	2
Total number of potentials	2
Connectable sheathed cable diameter	5 ... 7 mm
Conductor entry direction to mating direction	0°

Subject to changes. Please also observe the further product documentation!

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Do you have any questions about our products?
 We are always happy to take your call at +49 (571) 887-44222.



Geometrical Data

Width	14,1 mm / 0.555 inch
Depth	47,5 mm / 1.87 inch

Mechanical data

Technologie	KNX
Coding	E
Mating force of a plug-in connection	approx. 10 ... 15 N
Retention force of a plug-in connection	Locked: > 80 N
Unmating force of a plug-in connection	when unlocked: approx. 15 ... 20 N
Number of mating cycles	200
Marking	1+ 2-
Protection class	IP20
Note on protection class	Only when mated and secured with a strain relief housing (These compact connectors are not designed for use in open, easily accessible areas.)
Potential marking	1+ 2-
Application	KNX

Plug connection

Contact type (pluggable connector)	Female connector/socket
Connector connection type	for conductor
Mismating protection	Yes
Locking of plug-in connection	locking lever
Locking lever	no
Strain relief	strain relief housing

Material Data

Color	green
Insulating material	Polyamide 66 (PA 66)
Reaction to fire class per EN 50575	E _{ca}
Clamping spring material	Chrome nickel spring steel (CrNi)
Contact material	Copper alloy (surface-treated)

Subject to changes. Please also observe the further product documentation!

Fire load	0.15 MJ
Weight	5 g

Environmental Requirements

Processing temperature	-5 ... +40 °C
Continuous operating temperature	-35 ... +85 °C
Note on Continuous Service Temperature	Insulating parts for temperatures ≤ 105 °C

Commercial data

Product Group	20 (WINSTA)
Packaging type	BOX
Country of origin	CH
GTIN	4045454267469
Customs Tariff No.	85366990990

Counterpart



Item no. 893-1012
Plug; with strain relief housing; 2-pole; Cod. E; green

www.wago.com/893-1012



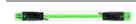
Item no. 893-2012
Snap-in plug; 2-pole; Cod. E; green

www.wago.com/893-2012



Item no. 893-1606
T-distribution connector; 2-pole; Cod. E; 1 input; 2 outputs; green

www.wago.com/893-1606



Item no. 894-8992/033-106
pre-assembled interconnecting cable; Eca; Socket/plug; 2-pole; Cod. E; J-Y(ST)Y...LG 2x2x0.8; 1 m; green

www.wago.com/894-8992/033-106



Item no. 894-8992/233-106
pre-assembled connecting cable; Eca; Plug/open-ended; 2-pole; Cod. E; J-Y(ST)Y...LG 2x2x0.8; 1 m; green

www.wago.com/894-8992/233-106

Downloads

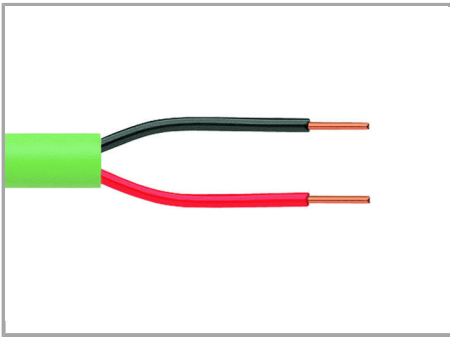
CAD/CAE-Data

CAE data

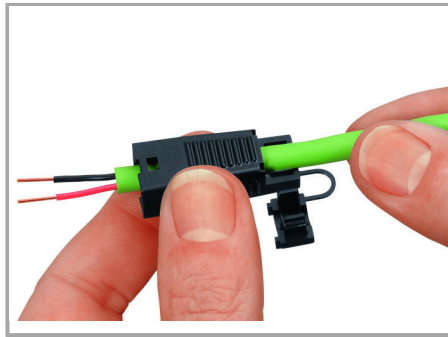
WSCAD Universe 893-1002	URL	Download
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Subject to changes. Please also observe the further product documentation!

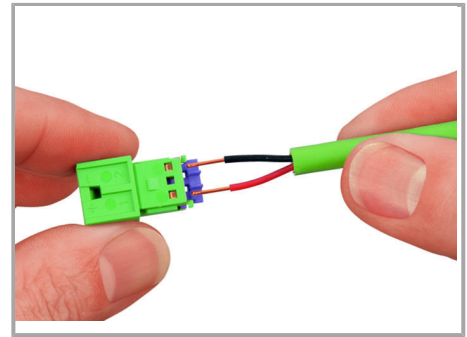
Installation Notes



1. Strip length, outer insulation = 23 mm

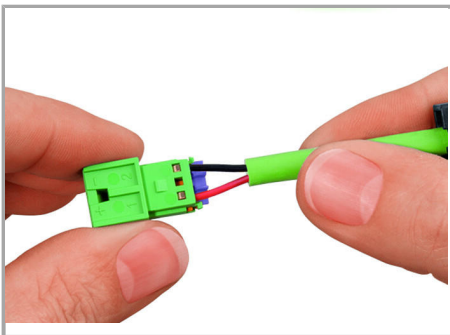


Prior to termination, pull the strain relief housing over the cable.

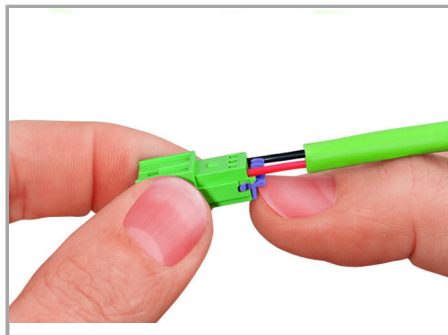


Insert stripped conductors directly into the conductor entries.

2. Strip length = 9 mm



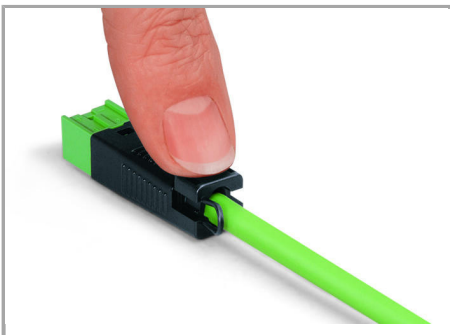
Push conductors until they hit backstop.



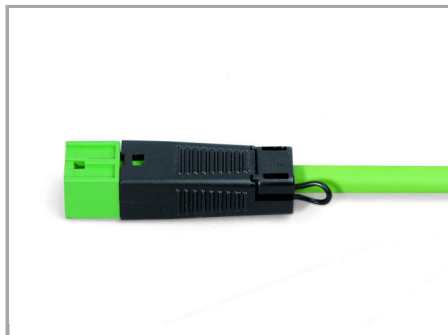
To disconnect, open clamping unit using the actuator and pull out the conductor.



Snap wired connector into the strain relief housing.



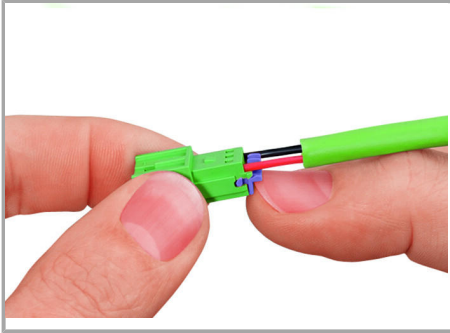
Press strain relief firmly on the cable.



Pre-assembled KNX connector

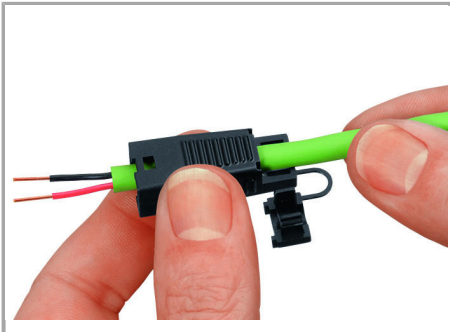
Subject to changes. Please also observe the further product documentation!

Conductor removal



To disconnect, open clamping unit using the actuator and pull out the conductor.

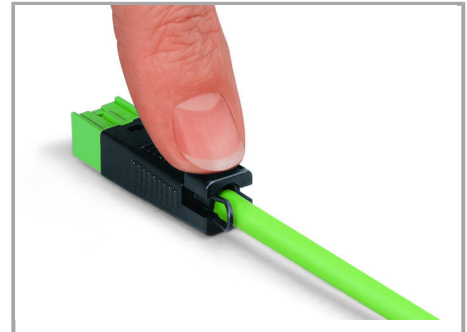
Installation



Prior to termination, pull the strain relief housing over the cable.



Snap wired connector into the strain relief housing.



Press strain relief firmly on the cable.



Pre-assembled KNX connector

Product family

Subject to changes. Please also observe the further product documentation!



WINSTA® KNX

[Show all products from the family](#)

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