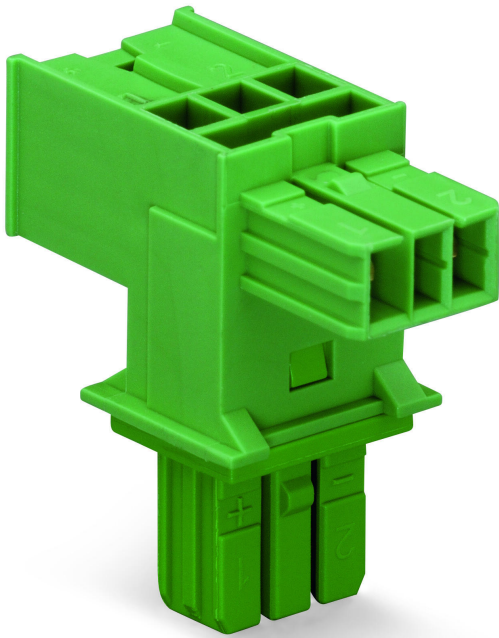


Data sheet | Item number: 893-1606

T-distribution connector; 2-pole; Cod. E; 1 input; 2 outputs; green

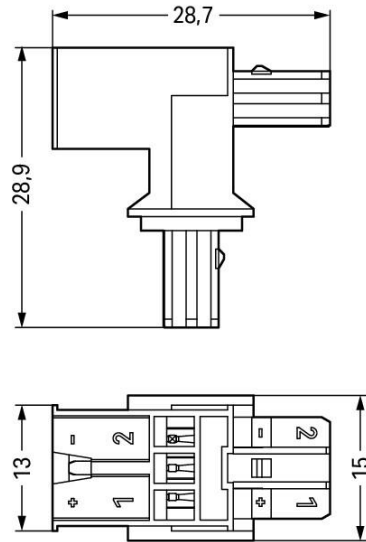
www.wago.com/893-1606



RoHS Compliant

BOMcheck.net

Color:



Item description

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

Note:

All connectors for mounted installations (snap-in versions for lighting fixtures or devices, all types of PCB and distribution connectors) are factory-

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

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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

No. of poles	2
Total number of potentials	2

Geometrical Data

Width	15 mm / 0.591 inch
Height	28,9 mm / 1.138 inch
Depth	28,7 mm / 1.13 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	When locked: > 80 N

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Unmating force of a plug-in connection	when unlocked: approx. 15 ... 20 N
Number of mating cycles	200
Type of distribution connector	T-distribution connector
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)	Socket/plug
Mismating protection	Yes
Locking of plug-in connection	locking lever
Locking lever	yes

Material Data

Color	green
Insulating material	Polyamide 66 (PA 66)
Contact material	Copper alloy (surface-treated)
Weight	3.3 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	DE
GTIN	4045454547677
Customs Tariff No.	85366990990

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Counterpart

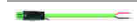

Item no.893-1002

Socket; with strain relief housing; 2-pole; Cod. E; green

www.wago.com/893-1002

Item no.893-1012

Plug; with strain relief housing; 2-pole; Cod. E; green

www.wago.com/893-1012

Item no.894-8992/133-106

pre-assembled connecting cable; Eca; Socket/open-ended; 2-pole; Cod. E; J-Y(ST)Y...LG 2x2x0.8; 1 m; green

www.wago.com/894-8992/133-106

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

CAD data

2D/3D Models 893-1606

URL

Download

CAE data

WSCAD Universe 893-1606

URL

Download

Installation Notes

Product family

<i>WINSTA</i>® KNX

[Show all products from the family](#)

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