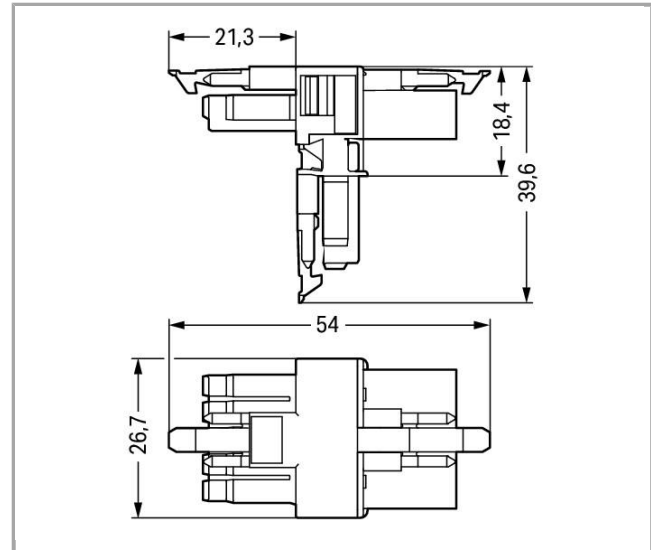
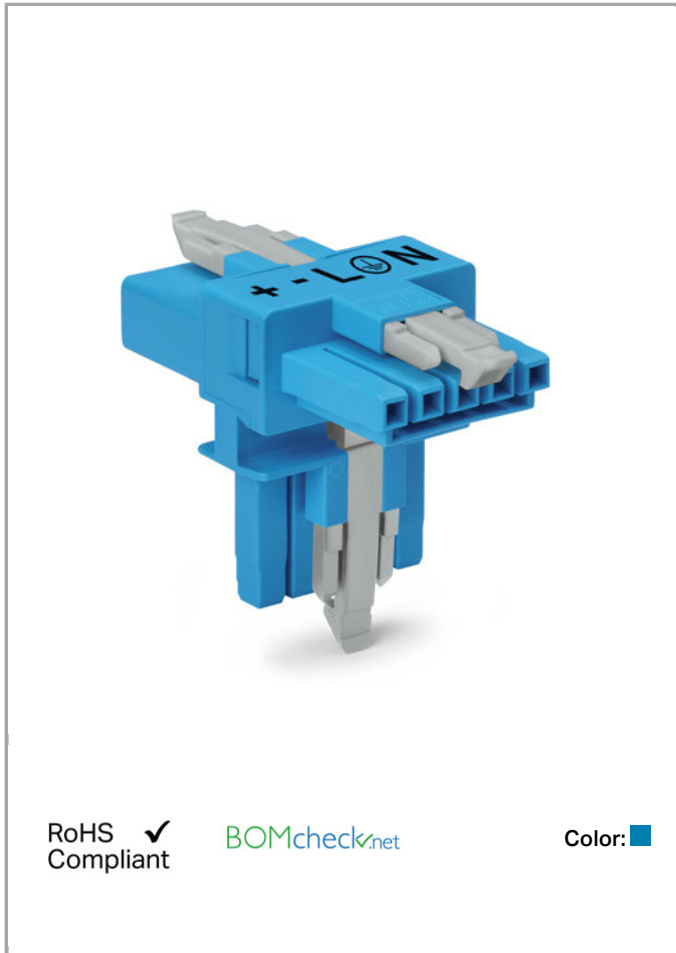


Data sheet | Item number: 890-620

T-distribution connector; 5-pole; Cod. I; 1 input; 2 outputs; 3 locking levers;
for flying leads; blue



890-620



RoHS
Compliant

BOMcheck.net

Color: ■

Item description

- Protected against mismating and maintenance-free
- Compact design with 4.4 mm pole spacing

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).

Safety information 1:

Application note for the U.S. market (USR): Some versions may also be used for current interruption in accordance with the UL certificate in select applications with currents below 5 A and voltages up to 600 V. For further information, please contact your local sales office.

Data

Electrical data

Note on Contact Resistance	approx. 1mΩ contact resistance approx. 0.25mΩ contact transition plug/socket
----------------------------	--

Ratings per IEC/EN 60664-1

Rated voltage (III / 3)	400 V
Rated impulse voltage (III / 3)	6 kV
Rated current	16 A

Approvals per UL 1977

Rated voltage per UL 1977 (factory wiring only)	600 V
Rated current per UL 1977 (factory wiring only)	12 A

Connection data

Total number of potentials	5
Ground function	with preceding GND contact
No. of poles	5

Geometrical Data

Pin spacing	4.4 mm / 0.173 inch
Width	17.9 mm / 0.705 inch
Height	39.65 mm / 1.561 inch
Depth	53.9 mm / 2.122 inch

Mechanical data

Coding	I
Mating force of a plug-in connection	ca. 20 70 N (polzahlabhängig)
Retention force of a plug-in connection	When locked: > 80 N
Unmating force of a plug-in connection	ohne Verriegelung: ca. 20 70 N (polzahlabhängig)
Number of mating cycles	200, without resistive load 100, with resistive load $I_N = 16A$, tested (1.5mm ² /AWG 16)
Type of distribution connector	T-distribution connector
Marking	N L - +
Protection class	IP20

Note on protection class	Only in mated condition (These compact connectors are not designed for use in open, easily accessible areas.)
Potential marking	N L - +

Plug connection

Contact type (pluggable connector)	Socket/plug
Mismating protection	Yes
Locking of plug-in connection	locking lever
Locking lever	yes

Material Data

Color	blue
Insulating material	Polyamide 66 (PA 66)
Flammability class per UL94	V0
Contact material	Copper or copper alloy, surface-treated
Fire load	0.238 MJ
Weight	12.505 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)
Country of origin	DE
GTIN	4050821229490
Customs Tariff No.	85366990990

Approvals / Certificates

Radio-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	CCA DEKRA Certification B.V.	EN 61535	2182129.01
	CCA DEKRA Certification B.V.	IEC 61535	NL-35632
	CCA DEKRA Certification B.V.	IEC 61535	NL-49482

Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	CCA DEKRA Certification B.V.	IEC 61535	NL-49482
	CCA DEKRA Certification B.V.	EN 61535	71-102984
	DNV GL Det Norske Veritas, Germanischer Lloyd	-	TAE00001Z6
	DNV GL Det Norske Veritas, Germanischer Lloyd	-	TAE00001Z6

Ship Approvals

Logo	Approval	Additional Approval Text	Certificate name
	DNV GL Det Norske Veritas, Germanischer Lloyd	-	TAE00001Z6
	LR Lloyds Register	EN 61535	08/20047 (E2)

Other Approvals

Logo	Approval	Additional Approval Text	Certificate name
	UL UL International Germany GmbH	UL 1977	E45171
	UL UL International Germany GmbH	UL 1977	E45171

Downloads

Documentation

Bid Text



890-620
WINSTA MINI 5-polig

Apr 4, 2012

doc
23.0 kB

[Download](#)

CAD/CAE - Smart Data

WSCAD

WSCAD Universe

[Download](#)

Subject to changes.