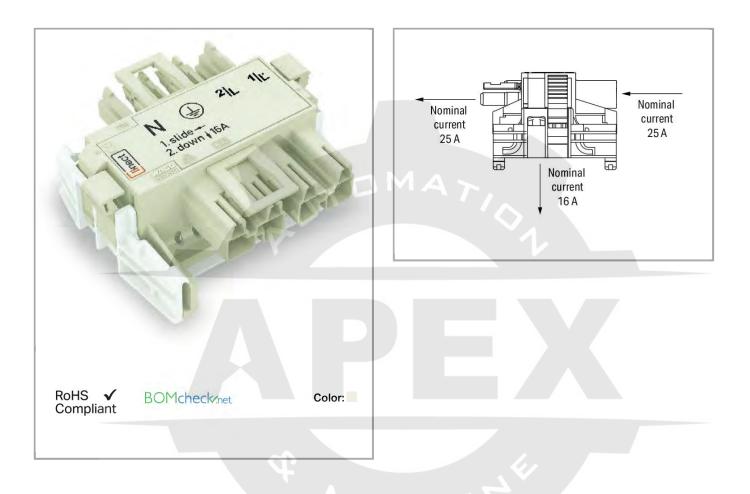
Linect® T-connector; 4-pole; Cod. A; 1 input; 2 outputs

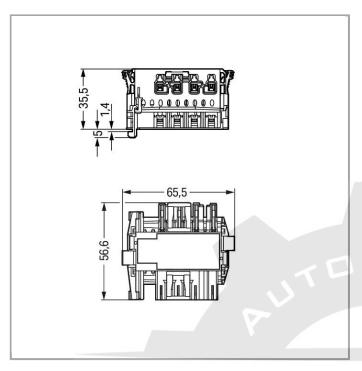






770-6224





## Item description

- Protected against mismating and maintenance-free
- Push-in CAGE CLAMP® spring pressure connection technology allows solid conductors to be simply pushed into a unit
- Two-wire connection per pole for loops or bridges
- Additional variable coding is possible

#### 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 16 A and voltages up to 600 V. For further information, please contact your local sales office.

#### Data

### **Electrical data**

Note on Contact Resistance

approx.  $1m\Omega$  contact resistance

approx.  $0.25m\Omega$  contact transition plug/socket

770-6224



# Ratings per IEC/EN 60664-1

Rated voltage (III / 3)	400 V
Rated impulse voltage (III / 3)	6 kV
Rated current	25 A
Rated current (2)	16 A

# Approvals per UL 1977

Rated voltage per UL 1977 (factory wiring only)	600 V	
Rated current per UL 1977 (factory wiring only)	23 A	

### Connection data

No. of poles	4
Total number of potentials	4
Ground function	with preceding GND contact

## **Geometrical Data**

Pin spacing	10 mm / 0.394 inch
Width	65.5 mm / 2.579 inch
Height	40.5 mm / 1.594 inch
Depth	56.6 mm / 2.228 inch

### 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: > 80 N
Unmating force of a plug-in connection	when unlocked: approx. 20 70 N (depending on pole number)
Number of mating cycles	
	200, without resistive load

100, with resistive load  $I_N$  = 25A, tested (4 mm<sup>2</sup>/AWG 12)

Type of distribution connector	Linect <sup>®</sup> T-connector
Marking	N 2
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 2/L 1/L'

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# Plug connection

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

## **Material Data**

white
Polyamide 66 (PA 66)
VO
Copper or copper alloy, surface-treated
0.813 MJ
36.09 g

# **Environmental Requirements**

Surrounding air (operating) temperature	-35 85 ℃
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	4050821102960	
Customs Tariff No.	85366990990	

## Approvals / Certificates

Country specific Approvals

Logo	Approval	Additional Approval Text	name
	VDE	EN 61535	40029808



VDE Prüf- und Zertifizierungsinstitut

# Compatible products

Coding

Item no.: 770-401

Cartificata

770-6224



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-		

Coding pin; for plugs; Plastic

770-401

protection		
M	Item no.: 770-201 Lockout cap; 12-pole, separable; 12-pole; for sockets	770-201
1	Item no.: 770-221 Lockout cap; for socket; 12-pole; separable	770-221



Item no.: 770-360

Lockout cap; for plugs; 5-pole; separable

770-360

Downloads

Documentation

**Bid Text** 

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Subject to changes.