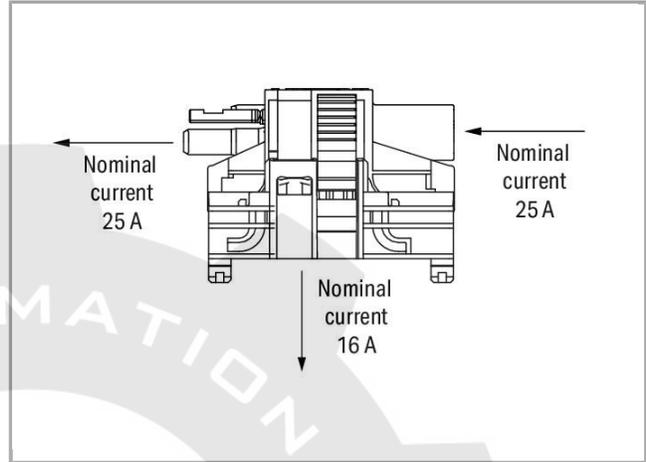


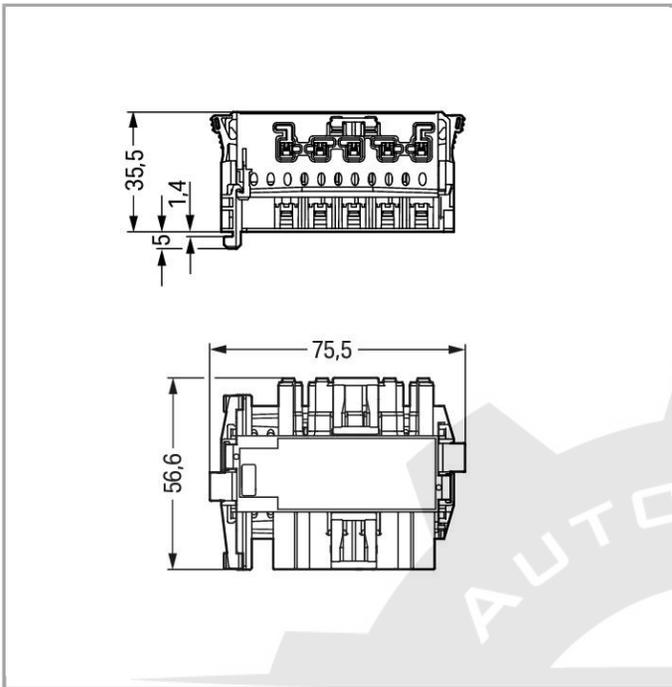
770-6225



RoHS  Compliant

[BOMcheck.net](https://www.bomcheck.net)

Color:



### Item description

- Protected against mismatching 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. 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	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	5
Total number of potentials	5
Ground function	with preceding GND contact

**Geometrical Data**

Pin spacing	10 mm / 0.394 inch
Width	75.5 mm / 2.972 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 L1 L2 L3
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 L1 L2 L3

## Plug connection

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

## Material Data

Color	white
Insulating material	Polyamide 66 (PA 66)
Flammability class per UL94	V0
Contact material	Copper or copper alloy, surface-treated
Fire load	0.942 MJ
Weight	42.18 g

## Environmental Requirements

Surrounding air (operating) temperature	-35 ... 85 °C
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	4050821654278
Customs Tariff No.	85366990990

## Approvals / Certificates

### Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	VDE VDE Prüf- und Zertifizierungsinstitut	EN 61535	40029808

## Compatible products

### protection

	Item no.: 770-201 Lockout cap; 12-pole, separable; 12-pole; for sockets	770-201
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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

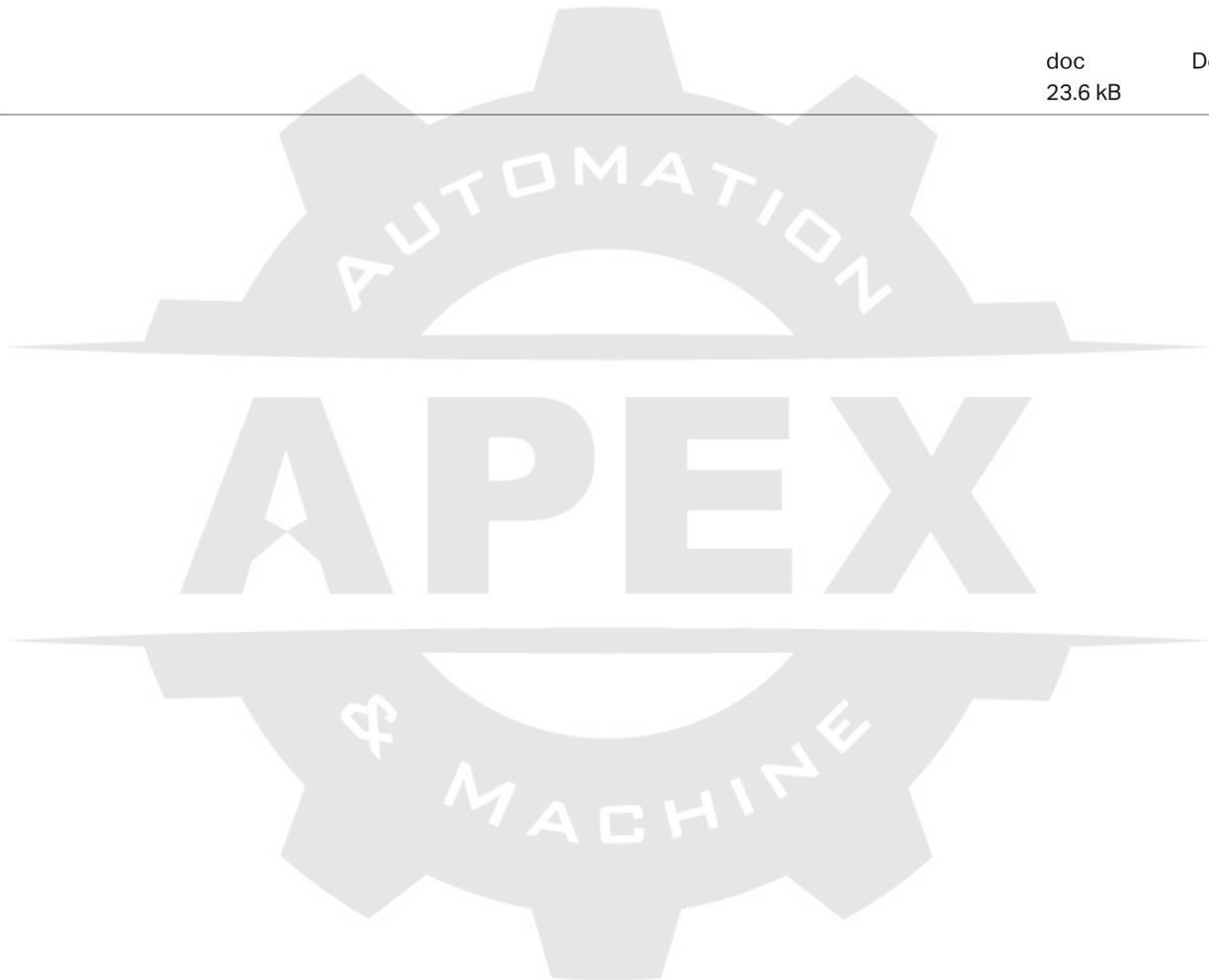
Documentation

Bid Text

770-6225

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23.6 kB

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Subject to changes.