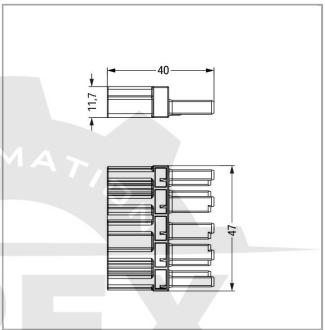
Intermediate coupler; 5-pole; Cod. I; for sockets and plugs



770-619





#### 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

770-619



approx.  $1m\Omega$  contact resistance

approx.  $0.25m\Omega$  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
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	1
No. of poles	5
Total number of potentials	5
Geometrical Data	
Pin spacing	10 mm / 0.394 inch
Width	47 mm / 1.85 inch
Height	11.6 mm / 0.457 inch
Depth	40 mm / 1.575 inch
Mechanical data	
Coding	
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	Intermediate coupler
Protection class	IP20
Note on protection class	Only in mated condition (These compact connectors are not designed for use in open, easily accessible areas.)

770-619



# Plug connection

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

### **Material Data**

ue			
Polyamide 66 (PA 66)			
opper or copper alloy, surface-treated			
174 MJ			
584 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

Country of origin	DE	
GTIN	4044918524179	
Customs Tariff No.	85366990990	

## Approvals / Certificates

### **Country specific Approvals**

Logo	Approval	Additional Approval Text	Certificate name
	CCA DEKRA Certification B.V.	IEC 61535	NL-32105
KEMA	CCA DEKRA Certification B.V.	EN 61535	2173495.02

### **Ship Approvals**

Logo	Approval	Additional Approval Text	Certificate name
	ABS	-	14-
	American Bureau of Shipping		HG1241528- PDA

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**DNV GL**Det Norske Veritas, Germanischer Lloyd

TAE00001Z6



LR Lloyds Register IEC 61984

02/20050 (E6)

## **UL-Approvals**

Logo	
. <b>W</b> .	c

Approval Additional Approval Text name

CURus UL 1977 E45171
Underwriters Laboratories Inc. Sec. 9

Compatible products

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

770-201



Item no.: 770-221 Lockout cap; for socket; 12-pole; separable

770-221



chout cap, for socket, 12-pole, separable

Lockout cap; for plugs; 5-pole; separable

Item no.: 770-360

770-360

Downloads

**Documentation** 

Bid Text

770-619 WINSTA MIDI 5-polig Apr 4, 2012

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Subject to changes.