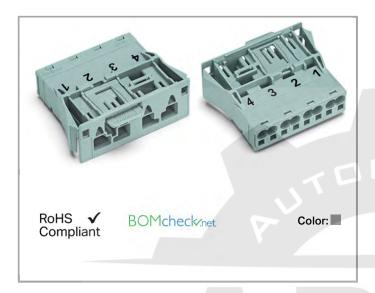
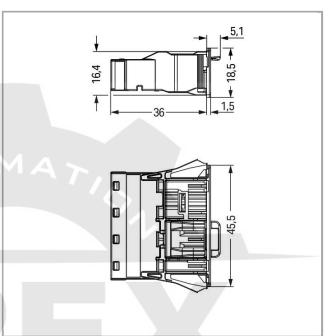
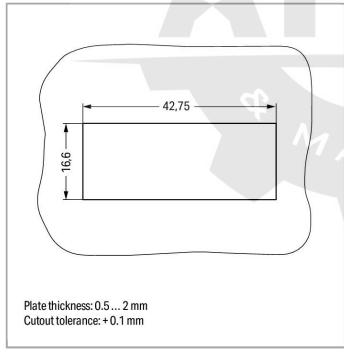
Snap-in plug; 4-pole; Cod. B

770-754









### Item description

Protected against mismating and maintenance-free

-

770-754



- 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
- Components can be clearly printed on and color-coded to meet custom requirements

#### 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

### 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

Connection technology	Push-in CAGE CLAMP®	
Actuation type	Operating tool Push-in	
Nominal cross section	4 mm²	
Solid conductor	0.5 4 mm² / 20 12 AWG	
Solid conductor, push-in termination	1.5 4 mm² / 16 12 AWG	
Stranded conductor	0.5 2.5 mm² / 20 14 AWG	

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0.5 4 mm <sup>2</sup> / 20 12 AWG
0.25 1.5 mm² / 20 16 AWG
0.25 2.5 mm² / 20 14 AWG
9 mm / 0.35 inch
see also packaging or instructions
4
8
4
0°

#### **Geometrical Data**

Pin spacing	10 mm / 0.394 inch
Width	45.5 mm / 1.791 inch
Height	18.5 mm / 0.728 inch
Depth	36 mm / 1.417 inch

#### Mechanical data

Coding	В
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	

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

Gehäuseblechstärke	0.5 2 mm / 0.02 0.079 inch
Mounting type	Snap-in
Marking	1234
Protection class	IP20
Note on protection class	Only in mated condition with strain relief housing (These compact connectors are not designed for use in open, easily accessible areas.)
Potential marking	1234

# Plug connection

Contact type (pluggable connector)	Male connector/plug
Connector connection type	for conductors
Mismating protection	Yes
Locking of plug-in connection	locking lever

770-754



Locking leve	er	yes	
Material Da	ata		
Color		gray	
Insulating m	naterial	Polyamide 66 (PA 66)	
	y class per UL94	Vo	
	pring material	Chrome nickel spring steel (CrNi)	
Contact mat		Copper or copper alloy, surface-treated	
Fire load		0.333 MJ	
Weight		15.87 g	
	ntal Requirements	MA7.	
	g air (operating) temperature	-35 85 °C	
	temperature	-5 +40 °C	
	operating temperature	-35 +85 °C	
Note on Cor	ntinuous Service Temperature	Insulating parts for temperatures ≤ 105 °C	
Commercia Product Gro		20 (WINSTA)	
Country of c	origin	DE	
GTIN		4044918254007	
Customs Ta	ariff No.	85366990990	
Annrovals	/ Certificates		
	eific Approvals		
			Certificate
Logo	Approval	Additional Approval Text	name
KEMA	CCA DEKRA Certification B.V.	EN 61984	2173495.01
	CCA DEKRA Certification B.V.	IEC 61984	NL-32104
Ship Approva	als		
Logo	Approval	Additional Approval Text	Certificate name
ABS	ABS	 -	14-
THE ROSE OF THE PARTY OF THE PA	American Bureau of Shipping		HG1241528- PDA
	DNV GL Det Norske Veritas, Germanischer Lloyd	-	TAE00001Z6

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**DNV GL** 

TAE00001Z6

Det Norske Veritas, Germanischer Lloyd

IEC 61984

02/20050 (E6)

Lloyds Register

LR

#### **UL-Approvals**

			Certificate
Logo	Approval	Additional Approval Text	name
	cURus	UL 1977	E45171
c <b>FL</b> us	Underwriters Laboratories Inc.		Sec. 9

# Compatible products

### protection

F8888	Item no.: 770-360 Lockout cap; for plugs; 5-pole; separable	770-360
	Item no.: 770-644 Lockout cap; for cutout; for cutouts; Plastic	770-644
	Item no.: 770-694 Lockout cap; for cutout; for cutouts; Plastic	770-694
tools		
1	Item no.: 210-720 Operating tool with partially insulated shaft; Type 2, blade (3.5 $\times$ 0.5) mm	210-720
Coding		
	Item no.: 770-401 Coding pin; for plugs; Plastic	770-401

**Downloads** 

**Documentation** 

**Bid Text** 

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WINSTA MIDI 4-polig 24.6 kB

**CAD/CAE - Smart Data** 

CAD data

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Subject to changes.