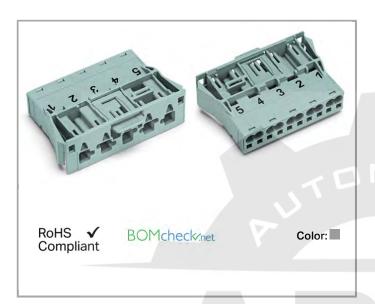
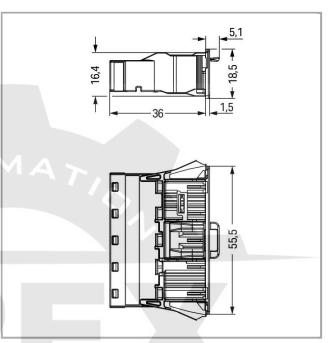
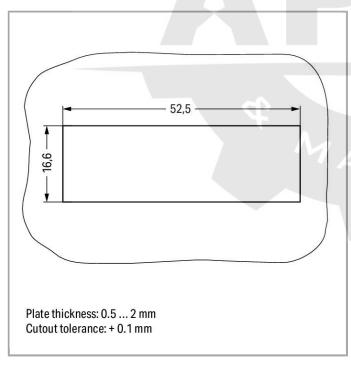
Snap-in plug; 5-pole; Cod. B

770-755









Item description

Protected against mismating and maintenance-free

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770-755



- 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 mm ²	
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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Fine-stranded conductor	0.5 4 mm ² / 20 12 AWG
Fine-stranded conductor with ferrule with plastic collar	0.25 1.5 mm² / 20 16 AWG
Fine-stranded conductor with ferrule without plastic collar	0.25 2.5 mm² / 20 14 AWG
Strip length	9 mm / 0.35 inch
Note (strip length)	see also packaging or instructions
No. of poles	5
Total number of connection points	10
Total number of potentials	5
Conductor entry direction to mating direction	0°

Geometrical Data

Pin spacing	10 mm / 0.394 inch
Width	55.5 mm / 2.185 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	12345	
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	12345	

Plug connection

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

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Locking leve	er	yes	
Material Da	ata		
Insulating m	naterial	Polyamide 66 (PA 66)	
	y class per UL94	VO	
	pring material	Chrome nickel spring steel (CrNi)	
Contact ma	-	Copper or copper alloy, surface-treated	
Fire load		0.364 MJ	
Weight		17.991 g	
Environme	ntal Requirements		
Surrounding	g air (operating) temperature	-35 85 °C	
Processing	temperature	-5 +40 °C	
Continuous	operating temperature	-35 +85 °C	
Note on Cor	ntinuous Service Temperature	Insulating parts for temperatures ≤ 105 °C	
Product Gro Country of of GTIN Customs Ta	origin	20 (WINSTA) DE 4055143594356 85366990990	
Country spec	cific Approvals		
Logo	Approval	Additional Approval Text	Certificate
Logo	CCA DEKRA Certification B.V.	IEC 61984	name NL-32104
KEMA	CCA DEKRA Certification B.V.	EN 61984	2173495.01
Ship Approva	als		O antificant
Logo	Approval	Additional Approval Text	Certificate name
ABS.	ABS American Bureau of Shipping	-	14- HG1241528- PDA
	DNV GL Det Norske Veritas, Germanischer Lloyd	-	TAE00001Z6

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DNV GL

Det Norske Veritas, Germanischer Lloyd

TAE00001Z6



LR Lloyds Register IEC 61984

UL 1977

02/20050 (E6)

UL-Approvals

Logo Approval cURus

Additional Approval Text

Certificate name

l Ir

Underwriters Laboratories Inc.

E45171 Sec. 9

Compatible products

tools

1	Item no.: 210-720	210-720
/	Operating tool with partially insulated shaft; Type 2, blade (3.5 x 0.5) mm	
protection		
- HALL	Item no.: 770-360	770-360
4.4	Lockout cap; for plugs; 5-pole; separable	770 300
	Item no.: 770-645	770-645
	Lockout cap; 5-pole; for cutouts; Plastic	770-645
· ·	Item no.: 770-695	770 605
1	Lockout cap; for cutout; for cutouts; Plastic	770-695

Downloads

Documentation

Bid Text

770-755 Apr 4, 2012 doc Download WINSTA MIDI 5-polig 24.1 kB

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CAD/CAE - Smart Data

CAD data

3D Download 770-755 URL Download



Subject to changes.