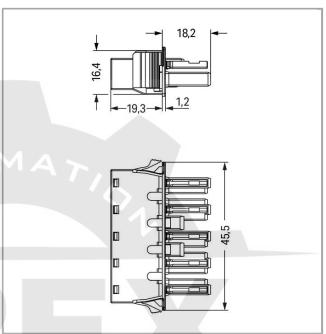
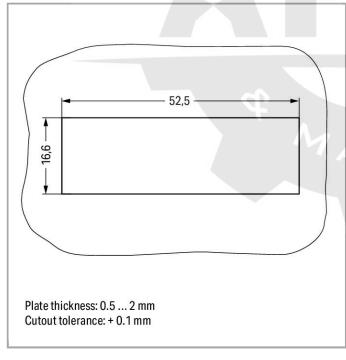
Snap-in socket; with protruding mating face; 5-pole; Cod. A

770-705/009-000









Item description

Protected against mismating and maintenance-free

-

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- 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

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	
Fine-stranded conductor	0.5 4 mm² / 20 12 AWG	

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0.25 1.5 mm ² / 20 16 AWG
0.25 2.5 mm² / 20 14 AWG
9 mm / 0.35 inch
see also packaging or instructions
5
10
5
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	37.5 mm / 1.476 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 /AWG 12)	100, with resistive load	$I_N = 25A$, tested (4 mm ² /AWG 12)
--	--------------------------	--

Gehäuseblechstärke	0.5 2 mm / 0.02 0.079 inch
Design	with protruding interface
Mounting type	Snap-in
Marking	N L1 L2 L3
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	N L1 L2 L3

Plug connection

Contact type (pluggable connector)	Female connector/socket
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	ıta		
Color		black	
Insulating m	naterial	Polyamide 66 (PA 66)	
	y class per UL94	V0	
	oring material	Chrome nickel spring steel (CrNi)	
Contact mat	<u> </u>	Copper or copper alloy, surface-treated	
Fire load	Contai	0.289 MJ	
Weight		16.71 g	
	ntal Requirements		
	g air (operating) temperature	-35 85 °C	
	temperature	-5 +40 °C	
	operating temperature ntinuous Service Temperature	-35 +85 °C Insulating parts for temperatures ≤ 105 °C	
GTIN Customs Ta		DE 4055143594165 85366990990	
	/ Certificates ific Approvals Approval	Additional Approval Text	Certificate name
KEMA	CCA DEKRA Certification B.V.	EN 61535	2173495.02
	CCA DEKRA Certification B.V.	IEC 61535	NL-32105
Ship Approva	ıls		Certificate
Logo	Approval	Additional Approval Text	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

02/20050 (E6)

UL-Approvals

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

Compatible products

protection

1	Item no.: 770-201	770-201
1,	Lockout cap; 12-pole, separable; 12-pole; for sockets	776 261
M	Item no.: 770-221	770-221
•	Lockout cap; for socket; 12-pole; separable	
	Item no.: 770-645	770-645
	Lockout cap; 5-pole; for cutouts; Plastic	770 040
· ·	Item no.: 770-695	770-695
	Lockout cap; for cutout; for cutouts; Plastic	770-095
tools		
1	Item no.: 210-720	210-720
	Operating tool with partially insulated shaft; Type 2, blade (3.5 x 0.5) mm	210-720

Downloads

Documentation

Bid Text

770-705/009-000	Apr 4, 2012	doc	Download
WINSTA MIDI 5-polig		24.1 kB	

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CAD/CAE - Smart Data

CAD data

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Subject to changes.