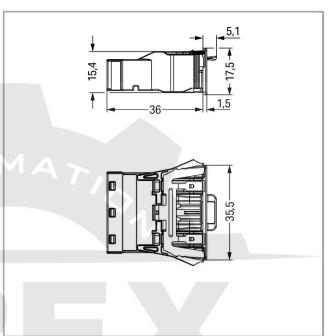
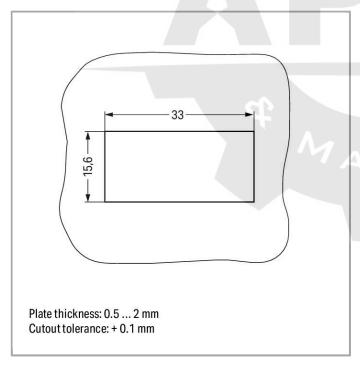
Snap-in plug; with direct ground contact; 3-pole; Cod. A

770-733/007-000









Item description

Protected against mismating and maintenance-free

-

770-733/007-000



- 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).

Data

Electrical data

Note on Contact Resistance

approx. $1m\Omega$ contact resistance

approx. $0.25m\Omega$ contact transition plug/socket

Rated voltage (III / 3)	250 V
Rated impulse voltage (III / 3)	4 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
Fine-stranded conductor with ferrule with plastic collar	0.25 1.5 mm ² / 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

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No. of poles	3
Total number of connection points	6
Total number of potentials	3
Ground function	with preceding GND contact
Conductor entry direction to mating direction	0°

Geometrical Data

Pin spacing	10 mm / 0.394 inch
Width	35.5 mm / 1.398 inch
Height	17.5 mm / 0.689 inch
Depth	36 mm / 1.417 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 2 /AWG 12)

Gehäuseblechstärke	0.5 2 mm / 0.02 0.079 inch
Direct ground contact to DIN-rail/drilled hole/housing	1
Design	with direct ground contact
Mounting type	Snap-in
Marking	LN
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	L N

Plug connection

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

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Material Data

white
Polyamide 66 (PA 66)
V0
Chrome nickel spring steel (CrNi)
Copper or copper alloy, surface-treated
0.259 MJ
13.949 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	4045454431426
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.	ABS American Bureau of Shipping	-	14- HG1241528- PDA
DNV-GL	DNV GL Det Norske Veritas, Germanischer Lloyd	-	TAE00001Z6
	DNV GL	-	TAE00001Z6

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Det Norske Veritas, Germanischer Lloyd

Tana Pana

LR

Lloyds Register

IEC 61984

02/20050

(E6)

UL-Approvals

			Certificate
Logo	Approval	Additional Approval Text	name
	cURus	UL 1977	E45171
	Underwriters Laboratories Inc.		Sec. 9
C The US			

Compatible products

Coding

	Item no.: 770-401 Coding pin; for plugs; Plastic	770-401	
protection			
A STATE	Item no.: 770-360	770-360	
A. B. A. C.	Lockout cap; for plugs; 5-pole; separable	770-360	
	Item no.: 770-643	770-643	
	Lockout cap; 3-pole; for cutouts; Plastic	770 0.0	
	Item no.: 770-693	770-693	
	Lockout cap; for cutout; for cutouts; Plastic		
ools			
1	Item no.: 210-720	210-720	
	Operating tool with partially insulated shaft; Type 2, blade (3.5 x 0.5) mm	210-720	
	Item no.: 770-383	770-383	
-	Operating tool; 3-way		

Downloads

Documentation

Bid Text

770-733/007-000	Apr 4, 2012	doc	Download
WINSTA MIDI 3-polig		24.1 kB	



CAD/CAE - Smart Data

CAD data

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Subject to changes.