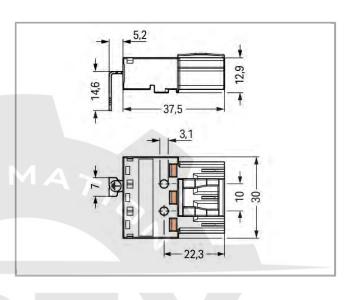
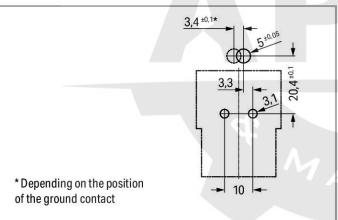
Plug; with direct ground contact; 3-pole; Cod. A

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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:

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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. 1mΩ contact resistance

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

Ratings per IEC/EN 60664-1

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
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 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	3
Total number of connection points	6
Total number of potentials	3

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Clamping spring material



Ground function	with preceding GND contact
Conductor entry direction to mating direction	0°
Geometrical Data	
Pin spacing	10 mm / 0.394 inch
Width	30 mm / 1.181 inch
Height	12.9 mm / 0.508 inch
Depth	37.5 mm / 1.476 inch
Drilled hole diameter (tolerance)	5 ^{(-0.05} +0.05) mm
Mechanical data Coding	n Maa >
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	дене предоставления дене п
	200, without resistive load
	100, with resistive load I _N = 25A, tested (4 mm ² /AWG 12)
Marking	
Marking Protection class	100, with resistive load I _N = 25A, tested (4 mm ² /AWG 12)
	100, with resistive load I _N = 25A, tested (4 mm ² /AWG 12) L N IP20
Protection class	L N IP20 Only in mated condition with strain relief housing (These compact connectors are not designed for use in open, easily accessible
Protection class Note on protection class	L N IP20 Only in mated condition with strain relief housing (These compact connectors are not designed for use in open, easily accessible areas.)
Protection class Note on protection class Potential marking	L N IP20 Only in mated condition with strain relief housing (These compact connectors are not designed for use in open, easily accessible areas.)
Protection class Note on protection class Potential marking Plug connection	L N IP20 Only in mated condition with strain relief housing (These compact connectors are not designed for use in open, easily accessible areas.) L N
Protection class Note on protection class Potential marking Plug connection Contact type (pluggable connector)	L N IP20 Only in mated condition with strain relief housing (These compact connectors are not designed for use in open, easily accessible areas.) L N Male connector/plug
Protection class Note on protection class Potential marking Plug connection Contact type (pluggable connector) Connector connection type	L N IP20 Only in mated condition with strain relief housing (These compact connectors are not designed for use in open, easily accessible areas.) L N Male connector/plug for conductors
Protection class Note on protection class Potential marking Plug connection Contact type (pluggable connector) Connector connection type Mismating protection	L N IP20 Only in mated condition with strain relief housing (These compact connectors are not designed for use in open, easily accessible areas.) L N Male connector/plug for conductors Yes
Protection class Note on protection class Potential marking Plug connection Contact type (pluggable connector) Connector connection type Mismating protection Locking of plug-in connection	L N IP20 Only in mated condition with strain relief housing (These compact connectors are not designed for use in open, easily accessible areas.) L N Male connector/plug for conductors Yes locking lever
Protection class Note on protection class Potential marking Plug connection Contact type (pluggable connector) Connector connection type Mismating protection Locking of plug-in connection Locking lever	L N IP20 Only in mated condition with strain relief housing (These compact connectors are not designed for use in open, easily accessible areas.) L N Male connector/plug for conductors Yes locking lever
Protection class Note on protection class Potential marking Plug connection Contact type (pluggable connector) Connector connection type Mismating protection Locking of plug-in connection Locking lever Material Data	100, with resistive load I _N = 25A, tested (4 mm²/AWG 12) L N IP20 Only in mated condition with strain relief housing (These compact connectors are not designed for use in open, easily accessible areas.) L N Male connector/plug for conductors Yes locking lever yes

Chrome nickel spring steel (CrNi)

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Contact material	Copper or copper alloy, surface-treated
Fire load	0.207 MJ
Weight	11.366 g

Environmental Requirements

Surrounding air (operating) temperature	-35 85 °C
Processing temperature	-5 +40 °C
Continuous operating temperature	-35 +85 ℃
Note on Continuous Service Temperature	Insulating parts for temperatures ≤ 105 °C

Commercial data

Country of origin	DE.
GTIN	4045454072421
Customs Tariff No.	85366990990

Approvals / Certificates

Ship Approvals

			Certificate
Logo	Approval	Additional Approval Text	name
	LR	IEC 61984	02/20050
T S	Lloyds Register		(E6)

Compatible products

Locking lever

1	Item no.: 770-101	770-101
-	Locking lever; for flying leads; for manual operation	770-101
	Item no.: 770-111	770-111
	Locking lever; for flying leads; for tool operation	770-111
	Item no.: 770-121	770-121
1.	Locking lever; for flying leads; for manual operation	770-121
	Item no.: 770-131	770-131
	Locking lever; for flying leads; for tool operation	770-131
ools		
1	Item no.: 210-720	210 720
	Operating tool with partially insulated shaft; Type 2, blade (3.5 \times 0.5) mm	210-720
rotection		

770-213/002-000





Item no.: 770-360

Lockout cap; for plugs; 5-pole; separable

770-360

Downloads

Documentation

Bid Text

770-213/002-000 Apr 4, 2012 doc Download WINSTA MIDI 3-polig 24.1 kB



Subject to changes.