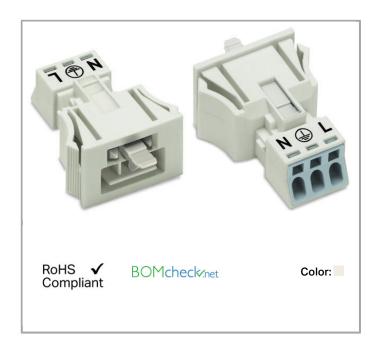
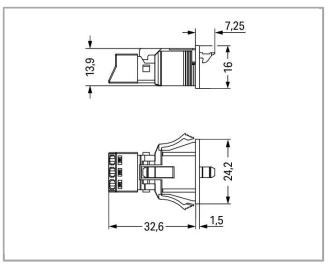
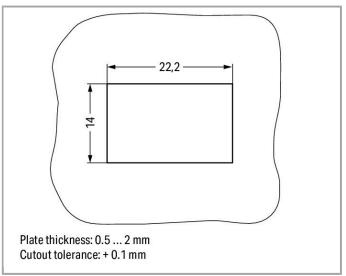
Snap-in plug; 3-pole; Cod. A

890-733









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
- Compact design with 4.4 mm pole spacing

Note:

890-733



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 5 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)	250 V
Rated impulse voltage (III / 3)	4 kV
Rated current	16 A

Approvals per UL 1977

Rated voltage per UL 1977 (factory wiring only)	600 V
Rated current per UL 1977 (factory wiring only)	14 A

Connection data

Connection technology	Push-in CAGE CLAMP®
Actuation type	Operating tool
	Push-in
Nominal cross section	1.5 mm²
Solid conductor	0.25 1.5 mm² / 22 16 AWG
Solid conductor, push-in termination	0.75 1.5 mm² / 20 16 AWG
Stranded conductor	0.25 1 mm² / 22 18 AWG
Fine-stranded conductor	0.25 1.5 mm² / 22 16 AWG
Fine-stranded conductor with ferrule with plastic collar	0.25 0.75 mm² / 22 20 AWG
Fine-stranded conductor with ferrule without plastic collar	0.25 0.75 mm² / 22 20 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	3
·	<u> </u>

890-733

Flammability class per UL94



Total number of potentials	3
Ground function	with preceding GND contact
Conductor entry direction to mating direction	0°
Geometrical Data	
Pin spacing	4.4 mm / 0.173 inch
Width	24.2 mm / 0.953 inch
Height	16 mm / 0.63 inch
Depth	39.85 mm / 1.569 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)
	200, without resistive load 100, with resistive load I _N = 16A, tested (1.5mm ² /AWG 16)
Gehäuseblechstärke	0.5 2 mm / 0.02 0.079 inch
Mounting type	Snap-in
Marking	L N
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
Material Data	
Color	white
Insulating material	Polyamide 66 (PA 66)
Flormability along par III 04	\/0

V0

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Clamping si	pring material	Chrome nickel spring steel (CrNi)	
Contact ma	· · · · · · · · · · · · · · · · · · ·	Copper or copper alloy, surface-treated	
Fire load		0.135 MJ	
Weight		6.947 g	
Invironme	ntal Requirements		
Surrounding	g air (operating) temperature	-35 85 °C	
Processing	temperature	-5 +40 °C	
Continuous	operating temperature	-35 +85 °C	
Note on Co	ntinuous Service Temperature	Insulating parts for temperatures ≤ 105 °C	
Commercia	al data		
Product Gro	oup	20 (WINSTA)	
Country of	origin	PL	
GTIN		4045454233549	
Customs Ta	ariff No.	85366990990	
	/ Certificates cific Approvals		Certificate
	Approval CCA	Additional Approval Text IEC 61535	Certificate name NL-49482
Country spec	cific Approvals Approval		name
Country spec	Approval CCA DEKRA Certification B.V. CCA	IEC 61535	name NL-49482 71-102984
Logo KEMA	Approval CCA DEKRA Certification B.V. CCA DEKRA Certification B.V.	IEC 61535 EN 61535	name NL-49482 71-102984
Logo KEMA	Approval CCA DEKRA Certification B.V. CCA DEKRA Certification B.V. CCA DEKRA Certification B.V. CCA DEKRA Certification B.V.	IEC 61535 EN 61535 EN 61535	name NL-49482 71-102984 2182129.0 NL-35632
Logo KEMA KEMA KEUR	Approval CCA DEKRA Certification B.V. CCA DEKRA Certification B.V. CCA DEKRA Certification B.V. CCA DEKRA Certification B.V.	IEC 61535 EN 61535 EN 61535	name NL-49482 71-102984 2182129.0 NL-35632 Certificate
Logo KEMA KEMA	Approval CCA DEKRA Certification B.V. CCA DEKRA Certification B.V. CCA DEKRA Certification B.V. CCA DEKRA Certification B.V.	IEC 61535 EN 61535 EN 61535	name NL-49482 71-102984 2182129.0 NL-35632

890-733







DNV GL

Det Norske Veritas, Germanischer Lloyd

TAE00001Z6

UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
c SL us	UL UL International Germany GmbH	UL 1977	E45171
c SU °us	UL UL International Germany GmbH	UL 1977	E45171

Compatible products

tools

	Item no.: 210-719 Operating tool with partially insulated shaft; Type 1, blade (2.5 \times 0.4) mm	210-719
	Item no.: 890-383 Operating tool; 3-way	890-383
protection		
	Item no.: 890-643 Lockout cap; 3-pole; for cutouts; Plastic	890-643
	Item no.: 890-693 Lockout cap; 3-pole; for cutouts; Plastic	890-693

Downloads

Documentation

Bid Text

890-733	Apr 4, 2012	doc	Download
WINSTA MINI 3-polig		23.0 kB	

890-733



CAD/CAE - Smart Data

CAD data

3D Download 890-733 URL Download

 $\label{eq:Subject to changes.} Subject to changes.$