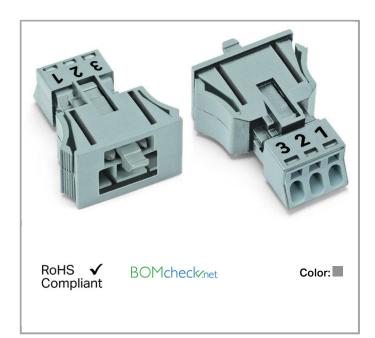
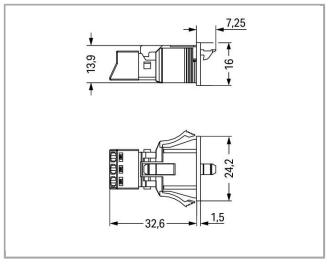
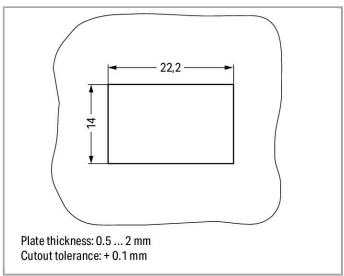
Snap-in plug; 3-pole; Cod. B

890-753









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
- Components can be clearly printed on and color-coded to meet custom requirements

890-753



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 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
Note on rated current	13 A for 3-pole load

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

Push-in CAGE CLAMP®
Operating tool
Push-in
1.5 mm²
0.25 1.5 mm² / 22 16 AWG
0.75 1.5 mm² / 20 16 AWG
0.25 1 mm² / 22 18 AWG
0.25 1.5 mm² / 22 16 AWG
0.25 0.75 mm² / 22 20 AWG
0.25 0.75 mm² / 22 20 AWG
9 mm / 0.35 inch

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Note (strip length)	see also packaging or instructions
No. of poles	3
Total number of connection points	3
Total number of potentials	3
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	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	

200, without resistive load

100, with resistive load I_N = 16 A, tested (1.5 mm 2 /16 AWG)

Gehäuseblechstärke	0.5 2 mm / 0.02 0.079 inch
Mounting type	Snap-in
Marking	123
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	123

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 gray	
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Insulating n	material	Polyamide 66 (PA 66)		
Flammabilit	ty class per UL94	VO		
Clamping spring material		Chrome nickel spring steel (CrNi)		
Contact ma	aterial	Copper or copper alloy, surface-treated		
Fire load		0.135 MJ		
Weight		5.485 g		
Environme	ental Requirements			
Surroundin	g air (operating) temperature	-35 85 °C		
Processing	temperature	-5 +40 °C		
Continuous	s operating temperature	-35 +85 ℃		
Note on Co	ontinuous Service Temperature	Insulating parts for temperatures ≤ 105 °C		
Commerci	al data			
Product Gr	oup	20 (WINSTA)		
Country of	origin	PL		
GTIN		4055143427852		
Customs Ta	ariff No.	85366990990		
Country spec	cific Approvals Approval	Additional Approval Text	Certificate name	
	СВ	EN 61984	71-100413	
KEMA	DEKRA Certification B.V.		7	
	CB DEKRA Certification B.V.	IEC 61984	NL-52879	
	СВ	IEC 61984	NL-47679	
	DEKRA Certification B.V.			
	CCA DEKRA Certification B.V.	EN 60320	2148952.04	
KEMA	DERIVA Certification B.V.			
Ship Approva	als			
			Certificate	
Logo	Approval	Additional Approval Text	name	
AND	DNV GL Det Norske Veritas, Germanischer Lloyd	-	TAE00001Z6	
(DNV·GL)	Det Noiske ventas, Germanischer Lloyd			

890-753





DNV GLDet 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 FLL 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
W	Item no.: 890-693 Lockout cap; 3-pole; for cutouts; Plastic	890-693

Downloads

Documentation

Bid Text

890-753	Apr 4, 2012	doc	Download
WINSTA MINI 3-polig		23.0 kB	

CAD/CAE - Smart Data

CAD data

3D Download 890-753 URL Download

Data sheet | Item number: 890-753 890-753



Subject to changes.			