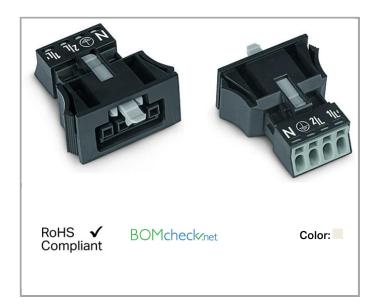
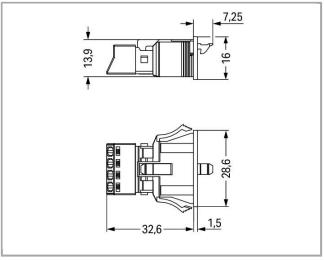
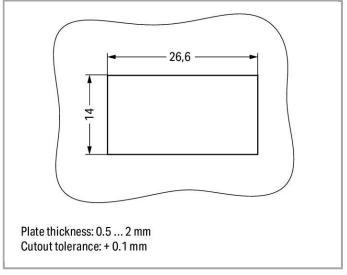
Snap-in socket; 4-pole; Cod. A

890-724









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:

890-724



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)	400 V
Rated impulse voltage (III / 3)	6 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)	12 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	4
Total number of connection points	4

890-724



Total number of potentials	4	
Conductor entry direction to mating direction	0°	
Seometrical Data		
Pin spacing	4.4 mm / 0.173 inch	
Width	28.6 mm / 1.126 inch	
Height	16 mm / 0.63 inch	
Depth	39.8 mm / 1.567 inch	
Nechanical data		
Coding	А	
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 $I_N = 16A$, tested (1.5mm ² /AWG 16)	
Gehäuseblechstärke	0.5 2 mm / 0.02 0.079 inch	
Mounting type	Snap-in	
Marking	N 2	
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 2/L 1/L'	

Plug connection

Contact type (pluggable connector)	Female connector/socket
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)
Flammability class per UL94	VO
Clamping spring material	Chrome nickel spring steel (CrNi)

890-724



Contact mat	terial	Copper or copper alloy, surface-treated	
Fire load		0.167 MJ	
Weight		10.664 g	
Environmer	ntal Requirements		
Surrounding	gair (operating) temperature	-35 85 °C	
Processing t	temperature	-5 +40 °C	
Continuous	operating temperature	-35 +85 °C	
Note on Cor	ntinuous Service Temperature	Insulating parts for temperatures ≤ 105 °C	
Commercia	ıl data		
Product Gro	up	20 (WINSTA)	
Country of o	origin	PL	
GTIN		4045454233518	
Customs Ta	riff No.	85366990990	
Approvals /	Certificates		
	ific Approvals		
Country speci	inc Approvais		Certificate
Logo	Approval	Additional Approval Text	name
	CCA DEKRA Certification B.V.	IEC 61535	NL-49482
KEMA	CCA DEKRA Certification B.V.	EN 61535	71-102984
KEMA	CCA DEKRA Certification B.V.	EN 61535	2182129.01
	CCA DEKRA Certification B.V.	IEC 61535	NL-35632
Ship Approva	ls		
Logo	Approval	Additional Approval Text	Certificate name
ABS.	ABS American Bureau of Shipping	Steel Vessel Rules	14- HG1241513- PDA
ONV-GL	DNV GL Det Norske Veritas, Germanischer Lloyd	-	TAE00001Z6

890-724





DNV GLDet Norske Veritas, Germanischer Lloyd

TAE00001Z6

UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
c SU °us	UL UL International Germany GmbH	UL 1977	E45171
c 511 ° us	UL UL International Germany GmbH	UL 1977	E45171

Compatible products

protection

	Item no.: 890-644 Lockout cap; for cutouts; Plastic	890-644
	Item no.: 890-694 Lockout cap; for cutouts; Plastic	890-694
tools		
	Item no.: 210-719 Operating tool with partially insulated shaft; Type 1, blade (2.5 \times 0.4) mm	210-719
	Item no.: 890-384 Operating tool; 4-way	890-384

Downloads

Documentation

Bid Text

890-724	Apr 4, 2012	doc	Download
WINSTA MINI 4-polig		23.0 kB	

CAD/CAE - Smart Data

CAD data

3D Download 890-724	URL	Download
---------------------	-----	----------

Data sheet | Item number: 890-724 890-724

