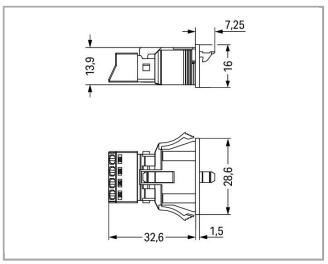
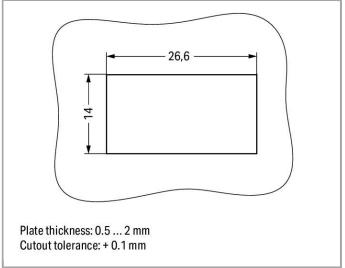
Snap-in plug; 4-pole; Cod. A

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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
- Compact design with 4.4 mm pole spacing

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 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 mm <sup>2</sup>
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

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Total number of potentials	4
Ground function	with preceding GND contact
Conductor entry direction to mating direction	0°
Geometrical 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
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 $I_N = 16A$ , tested (1.5mm <sup>2</sup> /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
The confidence of the confiden	connectors are not designed for use in open, easily accessible areas.)
Potential marking	N 2/L 1/L'
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)
Flammability class per UL94	V0

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Clamping spring material  Contact material  Copper or copper alloy, surface-treated  Fire load  0.161 MJ  Weight  8.085 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  Product Group  20 (WINSTA)  Country of origin  PL  GTIN  4045454233556  Customs Tariff No.  85366990990  Approvals / Certificates  Country specific Approvals  Logo  Approval  Additional Approval Text  CCA  DEKRA Certification B.V.  CCA  EN 61535	Certificate
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Processing temperature  Continuous operating temperature  Note on Continuous Service Temperature  Product Group  Country of origin  GTIN  4045454233556  Customs Tariff No.  Country specific Approvals  Country specific Approvals  COA  DEKRA Certification B.V.  Description P. Continuous Service Temperature  Product Group  20 (WINSTA)  P. Continuous Continuous Service Temperature  20 (WINSTA)  4045454233556  Response Service Temperature Service Temperature Service Temperatures Service Temperatures Service Temperatures Service Temperatures Service Temperature Ser	
Continuous operating temperature  Note on Continuous Service Temperature  Insulating parts for temperatures ≤ 105 °C  Commercial data  Product Group  20 (WINSTA)  Country of origin  PL  GTIN  4045454233556  Customs Tariff No.  85366990990  Approvals / Certificates  Country specific Approvals  Logo  Approval  Approval  Additional Approval Text  CCA  DEKRA Certification B.V.	
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Product Group 20 (WINSTA)  Country of origin PL  GTIN 4045454233556  Customs Tariff No. 85366990990  Approvals / Certificates  Country specific Approvals  Logo Approval Additional Approval Text  CCA DEKRA Certification B.V.	
Product Group         20 (WINSTA)           Country of origin         PL           GTIN         4045454233556           Customs Tariff No.         85366990990           Approvals / Certificates           Country specific Approvals           Logo         Approval         Additional Approval Text           CCA         IEC 61535           DEKRA Certification B.V.         IEC 61535	
Country of origin PL GTIN 4045454233556 Customs Tariff No. 85366990990  Approvals / Certificates Country specific Approvals  Logo Approval Additional Approval Text CCA BEKRA Certification B.V.	
GTIN 4045454233556  Customs Tariff No. 85366990990  Approvals / Certificates  Country specific Approvals  Logo Approval Additional Approval Text  CCA IEC 61535  DEKRA Certification B.V.	
Customs Tariff No. 85366990990  Approvals / Certificates Country specific Approvals  Logo Approval Additional Approval Text  CCA IEC 61535  DEKRA Certification B.V.	
Approvals / Certificates  Country specific Approvals  Logo Approval Additional Approval Text  CCA IEC 61535  DEKRA Certification B.V.	
Logo Approval Additional Approval Text  CCA IEC 61535  DEKRA Certification B.V.	
	name NL-49482
	NL-49482 71-102984
KEMA Certification B.V.	
CCA IEC 61535 DEKRA Certification B.V.	NL-35632
CCA EN 61535  DEKRA Certification B.V.	2182129.0
Ship Approvals	
Logo Approval Additional Approval Text	Certificate name
ABS Steel Vessel Rules American Bureau of Shipping	14- HG1241513 PDA
DNV GL -	TAE00001Z

890-734







**DNV GL** 

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TAE00001Z6

### **UL-Approvals**

Logo	Approval	Additional Approval Text	Certificate name
c <b>SL</b> °us	<b>UL</b> UL International Germany GmbH	UL 1977	E45171
c <b>SN</b> us	<b>UL</b> 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 x 0.4) mm	210-719
	Item no.: 890-384 Operating tool; 4-way	890-384

### **Downloads**

### Documentation

### **Bid Text**

890-734	Apr 4, 2012	doc	Download
WINSTA MINI 4-polig		23.6 kB	

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**CAD/CAE - Smart Data** 

CAD data

3D Download 890-734 URL Download

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