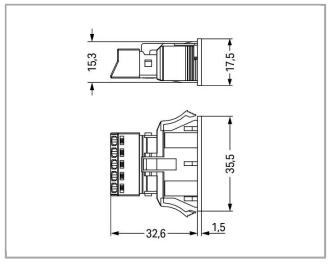
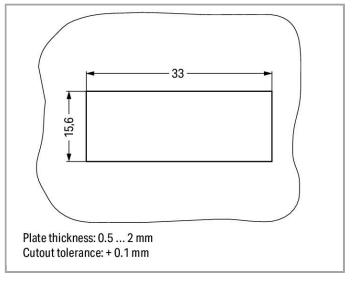
Snap-in socket; without locking lever; 5-pole; Cod. A

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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. $1 m \Omega$ 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	13 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	5
Total number of connection points	5

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Insulating material

Flammability class per UL94

Clamping spring material



Total number of potentials	5
Conductor entry direction to mating direction	0°
Geometrical Data	
Pin spacing	4.4 mm / 0.173 inch
Width	35.5 mm / 1.398 inch
Height	17.5 mm / 0.689 inch
Depth	34.1 mm / 1.343 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 ² /AWG 16)
Gehäuseblechstärke	0.5 2 mm / 0.02 0.079 inch
Mounting type	Snap-in
Marking	N 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	N 123
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	no
Material Data	
Color	black

Polyamide 66 (PA 66)

Chrome nickel spring steel (CrNi)

V0

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	terial	Copper or copper alloy, surface-treated		
Fire load		0.191 MJ		
Weight		12.55 g		
Environme	ntal Requirements			
Surrounding	g air (operating) temperature	-35 85 °C		
Processing	temperature	-5 +40 °C		
Continuous operating temperature		-35 +85 °C		
Note on Cor	ntinuous Service Temperature	Insulating parts for temperatures ≤ 105 °C		
Commercia	al data			
Country of o	origin	PL		
GTIN		4050821312253		
Customs Ta	ariff No.	85366990990		
Approvals <i>i</i>	/ Certificates			
	cific Approvals			
Journal y Spec	Approvais		Certificate	
Logo	Approval	Additional Approval Text	name	
	CCA	IEC 61535	NL-49482	
	DEKRA Certification B.V.			
	CCA	EN 61535	71-102984	
KEMA	DEKRA Certification B.V.			
ILEUR				
	CCA	EN 61535	2182129.01	
∠ EMA	DEKRA Certification B.V.			
N EUR				
	CCA	IEC 61535	NL-35632	
	DEKRA Certification B.V.			
Ship Approva	als			
31 IIP / \ppi 0 Vu			Certificate	
Logo	Approval	Additional Approval Text	name	
	ABS	Additional Approval Text Steel Vessel Rules	name 14-	
Logo		* * *	name 14- HG1241513-	
Logo	ABS	* * *	name 14-	
Logo	ABS	* * *	name 14- HG1241513-	
Logo	ABS American Bureau of Shipping	* * *	name 14- HG1241513 [,] PDA	
Logo	ABS American Bureau of Shipping DNV GL	* * *	name 14- HG1241513 [,] PDA	
Logo	ABS American Bureau of Shipping DNV GL	* * *	name 14- HG1241513 PDA	

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Det Norske Veritas, Germanischer Lloyd

UL-Approva	ls		
		A LEW CLASSIC STREET	Certificate
Logo	Approval	Additional Approval Text	name
	UL	UL 1977	E45171
	UL International Germany GmbH		
c 911 ° us	s		
	UL	UL 1977	E45171
c 71 2 us	UL International Germany GmbH		

Compatible products

tools		
1	Item no.: 210-719 Operating tool with partially insulated shaft; Type 1, blade (2.5 \times 0.4) mm	210-719
	Item no.: 890-385 Operating tool; 5-way	890-385
protection		
	Item no.: 770-643 Lockout cap; 3-pole; for cutouts; Plastic	770-643

Downloads
Documentation

Item no.: 770-693

Lockout cap; for cutout; for cutouts; Plastic

Bid Text

890-705/006-000	Apr 4, 2012	doc	Download
WINSTA MINI 5-polig		24.1 kB	

CAD/CAE - Smart Data

CAD data

3D Download 890-705/006-000	URL	Download
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770-693

Data sheet | Item number: 890-705/006-000 890-705/006-000



Subject to changes.			