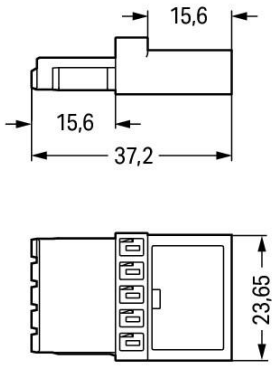
Intermediate coupler; 5-pole; Cod. A; for sockets and plugs

890-605

RoHS ✓ Compliant

BOMcheck.net

Color: ■



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:

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. 1mΩ contact resistance

approx. 0.25mΩ 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

No. of poles	5
Total number of potentials	5

Geometrical Data

Pin spacing	4.4 mm / 0.173 inch
Width	23.65 mm / 0.931 inch
Height	10.5 mm / 0.413 inch
Depth	37.2 mm / 1.465 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)
Type of distribution connector	Intermediate coupler
Protection class	IP20
Note on protection class	Only in mated condition (These compact connectors are not designed for use in open, easily accessible areas.)

Plug connection

Contact type (pluggable connector)	Socket/plug
Mismating protection	Yes

Locking of plug-in connection	locking lever
Locking lever	yes

Material Data

Color	black
Insulating material	Polyamide 66 (PA 66)
Flammability class per UL94	V0
Contact material	Copper or copper alloy, surface-treated
Fire load	0.094 MJ
Weight	5.7 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	DE
GTIN	4050821295433
Customs Tariff No.	85366990990

Approvals / Certificates

Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	CCA DEKRA Certification B.V.	IEC 61535	NL-49482
KEMA KEUR	**CCA** DEKRA Certification B.V.	EN 61535	71-102984
KEMA KEUR	**CCA** DEKRA Certification B.V.	EN 61535	2182129.01
	CCA DEKRA Certification B.V.	IEC 61535	NL-35632

Ship Approvals

Logo	Approval	Additional Approval Text	Certificate name

	DNV GL Det Norske Veritas, Germanischer Lloyd	-	TAE00001Z6
	DNV GL Det Norske Veritas, Germanischer Lloyd	-	TAE00001Z6

UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	UL UL International Germany GmbH	UL 1977	E45171
	UL UL International Germany GmbH	UL 1977	E45171

Downloads

Documentation

Bid Text

890-605 WINSTA MINI 5-polig	Apr 4, 2012	doc 23.6 kB	Download

CAD/CAE - Smart Data

CAD data

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Subject to changes.