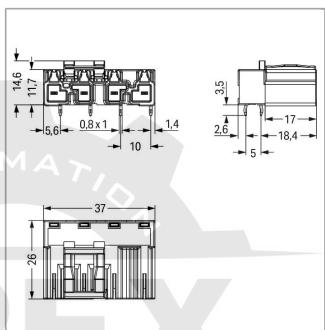
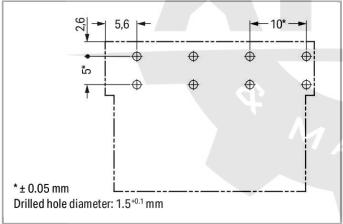
Plug for PCBs; angled; 4-pole; Cod. A

770-834/011-000









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
- Two-wire connection per pole for loops or bridges
- Additional variable coding is possible

Note:

770-834/011-000



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 16 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

Rated voltage (III / 3)	400 V
Rated impulse voltage (III / 3)	6 kV
Rated current	25 A
Approvals per UL 1977	
Rated voltage per UL 1977 (factory wiring only)	600 V
Rated current per UL 1977 (factory wiring only)	23 A
Connection data	
No. of poles	4
No. of poles Total number of potentials	4

Geometrical Data

Pin spacing	10 mm / 0.394 inch	
Width	37 mm / 1.457 inch	
Height	18.1 mm / 0.713 inch	
Height from the surface	14.6 mm / 0.575 inch	
Depth	26 mm / 1.024 inch	
Solder pin length	3.5 mm	
Solder pin dimensions	1 x 0.8 mm	
Drilled hole diameter (tolerance)	1.5 ^(-0.1 +0.1) mm	

Data sheet | Item number: 770-834/011-000 770-834/011-000



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 $I_N = 25A$, tested (4 mm ² /AWG 12)
Design	angled
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)	Male connector/plug
Connector connection type	for PCBs
Mismating protection	Yes
Mating direction to the PCB	0°
Locking of plug-in connection	locking lever
Locking lever	yes
	M
PCB contact	
PCB contact	THT
PCB contact Solder pin arrangement	THT 2 in-line solder pins/pole

Material Data

white	
Polyamide 66 (PA 66)	
VO	
Chrome nickel spring steel (CrNi)	
Copper or copper alloy, surface-treated	
0.277 MJ	
11.598 g	

770-834/011-000



Environmental Requirements

Surrounding air (operating) temperature	-35 85 °C	
Processing temperature	-5 +40 °C	
Continuous operating temperature	-35 +85 ℃	
Note on Continuous Service Temperature	Insulating parts for temperatures ≤ 105 °C	

Commercial data

Product Group	20 (WINSTA)
Country of origin	DE
GTIN	4044918524650
Customs Tariff No.	85366990990

Approvals / Certificates

Country specific Approvals

			Certificate
Logo	Approval	Additional Approval Text	name
	CCA DEKRA Certification B.V.	IEC 61535	NL-32105
KEMA	CCA DEKRA Certification B.V.	EN 61535	2173495.02

Ship Approvals

Logo	Approval	Additional Approval Text	Certificate name
ABS.	ABS American Bureau of Shipping	CHIL	14- HG1241528- PDA
DNV-GL	DNV GL Det Norske Veritas, Germanischer Lloyd		TAE00001Z6
DNV-GL	DNV GL Det Norske Veritas, Germanischer Lloyd	-	TAE00001Z6
DATA OF THE PARTY	LR Lloyds Register	IEC 61984	02/20050 (E6)

UL-Approvals

770-834/011-000



Logo	Approval	Additional Approval Text	Certificate name
c SU us	cURus Underwriters Laboratories Inc.	UL 1977	E45171 Sec. 9

Compatible products

Coding

	Item no.: 770-401 Coding pin; for plugs; Plastic			770-401
protection		\		
4444	Item no.: 770-360 Lockout cap; for plugs; 5-pole; separable		1	770-360

Downloads

CAD/CAE - Smart Data

CAD data

3D Download 770-834/011-000 URL Download

