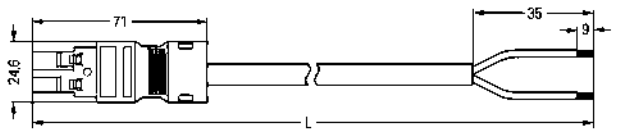
Data sheet | Item number: 771-8982/206-104

pre-assembled connecting cable; Eca; Plug/open-ended; 2-pole; Cod. L; H05VV-F 2 x 1.5 mm²; 1 m; 1,50 mm²; dark gray

www.wago.com/771-8982_206-104

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
- Two-wire connection per pole for loops or bridges

Note:

Cables with a different fire class can be found in the eShop.

Note on mismating protection:

All WINSTA® components are 100% protected against mismating when:
a.) plugging different numbers of poles
b.) plugging while rotated 180
c.) plugging while laterally staggered
d.) plugging one pole

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. 1 mΩ of contact resistance approx. 0.25 mΩ contact

Subject to changes. Please also observe the further product documentation!

WAGO Kontakttechnik GmbH & Co. KG
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32423 Minden
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	transition plug/socket

Ratings per IEC/EN 60664-1

Ratings per	IEC/EN 60664-1
Rated voltage (III / 3)	250 V
Rated impulse voltage (III / 3)	4 kV
Rated current	16 A
Legend (ratings)	(III / 3) ≙ Overvoltage category III / Pollution degree 3

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

Strip length	9 mm / 0.35 inch
No. of poles	2
Total number of potentials	2
Conductor preparation	tip-bonded
Cable diameter	6,8 … 8,6 mm
Cross section of single conductor	1.5 mm²
Strip length	35 mm
Connection type	Plug - Free end

Geometrical Data

Pin spacing	10 mm / 0.394 inch
Total length	1 m

Mechanical data

Coding	L
Mating force of a plug-in connection	approx. 20 … 70 N (depending on pole number)
Retention force of a plug-in connection	when locked: > 80N
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 = 25 A), tested (4 mm²)
Connection type	Plug - free end
Type of cable assembly	Connecting cable

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Type of cable	H05VV-F 2x1.5
Marking	L' N'
Protection class	IP20
Note on protection class	Only when mated (these compact connectors are not designed for use in open, easily accessible areas).
Potential marking	L' N'
Application	Emergency power supply

Plug connection

Mismating protection	Yes
Locking of plug-in connection	locking lever
Locking lever	retrofittable

Material Data

Color	dark gray
Insulating material	Polyamide 66 (PA 66)
Reaction to fire class per EN 50575	E_{ca}
Contact material	Copper or copper alloy (surface-treated)
Connector color	dark gray
Printing color of mating face	black
Strain relief color	white
Printing color of strain relief	black
Color of sheathed cable	white
Printing color of sheathed cable	black
Sheath material	PVC
Weight	93.3 g

Environmental Requirements

Processing temperature	-5 … +40 °C
Continuous operating temperature	-35 … +85 °C
Note on Continuous Service Temperature	PVC cable for temperatures ≤ 70 °C (including halogen-free) Insulating parts for temperatures ≤ 105 °C

Commercial data

Packaging type	not packed
Country of origin	DE
GTIN	4055143475969

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Customs Tariff No.	85444290900

Approvals / Certificates

Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	CCA DEKRA Certification B.V.	EN 61535	NTR NL-7355
	KEMA/KEUR DEKRA Certification B.V.	EN 61535	2179129.01

Counterpart

Item no.770-7502
Linect® T-connector; 2-pole; Cod. L; 1 input; 2 outputs; white

www.wago.com/770-7502

Compatible products

Locking lever

Item no.: 770-101
Locking lever; for flying leads; for manual operation; black

www.wago.com/770-101

Item no.: 770-111
Locking lever; for flying leads; for tool operation; black

www.wago.com/770-111

Item no.: 770-121
Locking lever; for flying leads; for manual operation; white

www.wago.com/770-121

Item no.: 770-131
Locking lever; for flying leads; for tool operation; white

www.wago.com/770-131

protection

Item no.: 770-360
Lockout cap; for plugs; 5-pole; separable; yellow

www.wago.com/770-360

Marking accessories

Subject to changes. Please also observe the further product documentation!

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Item no.: 210-334 Marking strips; as a DIN A4 sheet; Strip width 5 mm; Strip length 182 mm; plain; Self-adhesive; white	www.wago.com/210-334

Downloads

Documentation

Bid Text

771-8982/206-104 GAEB X81 - Datei	Feb 19, 2019	xml 3.1 kB	Download
771-8982/206-104 doc - Datei	Dec 3, 2014	doc 25.6 kB	Download

CAD/CAE-Data

CAE data

WSCAD Universe 771-8982/206-104	URL	Download

Installation Notes

Product family

WINSTA® MIDI
Show all products from the family

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