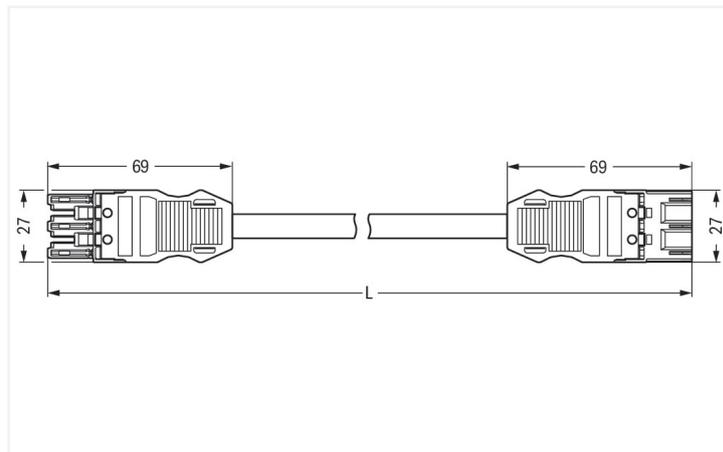# Data Sheet | Item Number: 771-9293/017-501

pre-assembled interconnecting cable; B2ca; Socket/plug; 3-pole; Cod. A; 5 m; 2,50 mm²; black

https://www.wago.com/771-9293/017-501

Color: ■ black

Dimensions in mm

- Protected against mismating and maintenance-free
- Additional variable coding is possible.

Notes

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

Electrical data

Ratings per IEC/EN

Ratings per	IEC/EN 60664-1
Nominal voltage (III/3)	250 V
Rated impulse withstand voltage (III / 3)	4 kV
Rated current	20 A
Legend (ratings)	(III / 3) ≙ Overvoltage category III / Pollution degree 3

General information

Note on contact resistance	approx. 1 mΩ of contact resistance approx. 0.25 mΩ contact transition plug/socket

Connection Data

Total number of potentials	3
PE function	Preceding PE contact

Connection 1

Pole number	3
Wire cross-section	2.5 mm²
Connection type	Socket - Plug

Physical data

Pin spacing	10 mm / 0.394 inches
Width	27 mm / 1.063 inches
Height	12.9 mm / 0.508 inches
Total length	5 m

Mechanical data

Use	General mains applications
Coding	A
Variable coding	Yes
Marking	L ⏚ N
Potential marking	L ⏚ N
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
Connection type	Socket - Plug
Type of pre-assembled cable	Interconnecting cable
Cable type	H05Z1Z1-F 3G2.5
Protection type	IP20; When mated: IP2xC (These compact connectors are not designed for use in open, easily accessible areas!)

Plug-in connection

Mismating protection	Yes
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
Locking lever	Can be retrofitted
Locking of plug-in connection	Locking lever
Note on locking system	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).

Material data

Note (material data)	Information on material specifications can be found here
Color	black
Fire class per EN 50575	$B2_{ca}$
Contact material	Copper or copper alloy; surface-treated
Contact Plating	Tin
Fire load	0.601 MJ
Connector color	black
Strain relief color	black
Sheathed cable color	black
Printing color of sheathed cable	white
Halogen-free	Yes
Silicon-free	Yes
Sheath material	Halogen-free
Rubber cable	No
Weight	805.5 g
Copper weight of the raw cable	0.072 kg/m

Environmental requirements

Note on continuous operating temperature	Cable for temperatures ≤ 70 °C (including halogen-free)
	Insulating parts for temperatures ≤ 105 °C

Commercial data

PU (SPU)	1 pcs
Packaging type	unpacked
Country of origin	PL
GTIN	4055143669870
Customs tariff number	85444290900

Product Classification

UNSPSC	26121629
ETIM 9.0	EC002587
ETIM 10.0	EC002587
ECCN	NO US CLASSIFICATION

Environmental Product Compliance

RoHS Compliance Status	Compliant,No Exemption

1 Compatible Products

1.1 Required Accessories

1.1.1 Locking system

1.1.1.1 Locking system

Item No.: 770-101	Item No.: 770-121	Item No.: 770-111	Item No.: 770-131
Locking lever; for flying leads; for manual operation; black	Locking lever; for flying leads; for manual operation; white	Locking lever; for flying leads; for tool operation; black	Locking lever; for flying leads; for tool operation; white

1.2 Optional Accessories

1.2.1 Cover

1.2.1.1 Cover

Item No.: 770-201	Item No.: 770-221	Item No.: 770-360	Item No.: 897-2003
Lockout cap; 12-pole, separable; for sockets; Plastic; black	Lockout cap; 12-pole, separable; for sockets; Plastic; white	Lockout cap; for plugs; 5-pole; separable; yellow	Protective cap; Type2; for sockets and plugs; PVC; red

W/AGO

1.2.2 Installation

1.2.2.1 Mounting accessories

Item No.: 770-310
Mounting carrier; 2- to 5-pole; for flying leads; black

1.2.3 Marking

1.2.3.1 Marker

Item No.: 770-450/000-006
Marker card; Plastic; blue

Item No.: 770-450/000-001
Marker card; Plastic; green

Item No.: 770-450/000-012
Marker card; Plastic; orange

Item No.: 770-450/000-005
Marker card; Plastic; red

Item No.: 770-450
Marker card; Plastic; white

Item No.: 770-450/000-002
Marker card; Plastic; yellow

1.2.3.2 Marking strip

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