

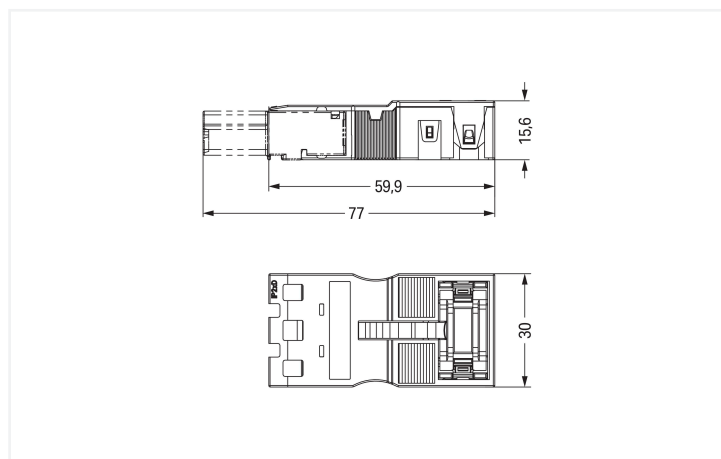
Data Sheet | Item Number: 770-503/038-000

Strain relief housing; 3-pole; with locking clip; for 1 cable; 7.0 ... 11.5 mm; 48 mm; black

<https://www.wago.com/770-503/038-000>



Color: ■ black



Dimensions in mm

Strain relief housing *WINSTA*® MIDI with protection type IP2XD

The strain relief housing from the *WINSTA*® MIDI product line with protection type IP2XD is the intelligent solution for trouble-free electrical installation. An extensive range of accessories rounds out the *WINSTA*® product line from WAGO. *WINSTA*® MIDI with Push-in CAGE CLAMP® spring pressure connection technology is used in a broad range of individual products you can use for quick, easy and maximally flexible electrical installation. The strip length is 48 mm.

Lower costs through fast commissioning and elimination of service expenses – solutions from *WINSTA*® MIDI

WINSTA® is the pluggable connection system that is ideally tailored to the strict requirements of electrical installation. It offers error-free installation of cables and components, quickly and reliably. Choose durability and quality – with protection type IP2XD from WAGO makes the installation of electrical components substantially easier.

- simple circuits
- quick replacement of defective units during ongoing operation

Notes	
General safety information	NOTICE: Observe installation and safety instructions! 1. Only to be used by a qualified electrician or by a person electrically instructed for the task (EIP per DIN VDE 0105-100). 2. Do not install while energized or under load. 3. Use only for its intended purpose. 4. Observe applicable national regulations, standards and directives. 5. Observe the technical specifications of the products. 6. Ensure correct polarity assignment. 7. Do not use damaged or contaminated components. 8. Observe conductor types, conductor cross-sections, strip lengths and cable diameters. 9. Insert conductors up to the stop. 10. Use only with locking lever and strain relief. 11. Use original accessories only. To be sold only with installation instructions!

Connection Data	
Connection 1	
Pole number	3
Connectable sheathed cable diameter	7 ... 11.5 mm
Strip length (outer insulation)	48 mm

Physical data	
Pin spacing	10 mm / 0.394 inches
Width	30 mm / 1.181 inches
Height	15.6 mm / 0.614 inches
Depth	59.6 mm / 2.346 inches

Mechanical data	
Protection type	IP2XD

Material data	
Note (material data)	Information on material specifications can be found here
Color	black
Material group	I
Insulation material (main housing)	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.226 MJ
Weight	8.4 g

Environmental requirements	
Processing temperature	-5 ... +40 °C
Continuous operating temperature	-35 ... +85 °C
Note on continuous operating temperature	Insulating parts for temperatures ≤ 105 °C

Commercial data	
PU (SPU)	50 pcs
Packaging type	Box
Country of origin	DE
GTIN	4050821475996
Customs tariff number	85389099990

Product Classification	
UNSPSC	39121722
eCl@ss 10.0	27-44-06-92
eCl@ss 9.0	27-44-06-92
ETIM 9.0	EC002863
ETIM 10.0	EC002863
ECCN	NO US CLASSIFICATION

Environmental Product Compliance	
RoHS Compliance Status	Compliant, No Exemption

Approvals / Certificates					
General approvals			Approvals for marine applications		
					
Approval	Standard	Certificate Name	Approval	Standard	Certificate Name
cURus Underwriters Laboratories Inc.	UL 1977	E45171	LR Lloyds Register	IEC 61984	LR22429487TA

Downloads	
Environmental Product Compliance	
Compliance Search	
Environmental Product Compliance 770-503/038-000	

Documentation			
Bid Text			
770-503/038-000	04.03.2019	xml 3.21 KB	
770-503/038-000	13.01.2015	doc 24.00 KB	

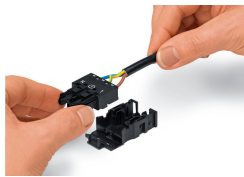
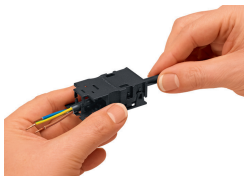
CAD/CAE-Data	
CAD data 2D/3D Models 770-503/038-000	CAE data WSCAD Universe 770-503/038-000

1 Compatible Products
1.1 Optional Accessories
1.1.1 Marking
1.1.1.1 Marking strip



Item No.: 210-333
Marking strips; as a DIN A4 sheet; Strip width 6 mm; Strip length 182 mm; plain; Self-adhesive; white

Installation Notes
Installation



To terminate fine-stranded conductors, open the clamping unit via screwdriver (2.5 mm blade width) and insert a stripped conductor until it hits the backstop.

Terminate solid conductors by simply pushing them in.

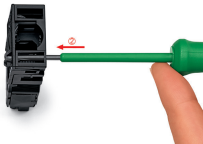
Latch wired connector onto the base of the strain relief housing.



Assembly: Prepare strain relief housing by snapping together upper and bottom part.

Push down strain relief clamp via screwdriver (2.5 mm blade width) alternately on both sides.

Finally, unlock strain relief housing via 2.5 mm screwdriver on both sides.



Disassembly: First, unlock strain relief clamp via screwdriver (2.5 mm blade width) from the bottom.

Then, push strain relief clamp via screwdriver (2.5 mm blade width) out of the locking position.