

## Data Sheet | Item Number: 232-640

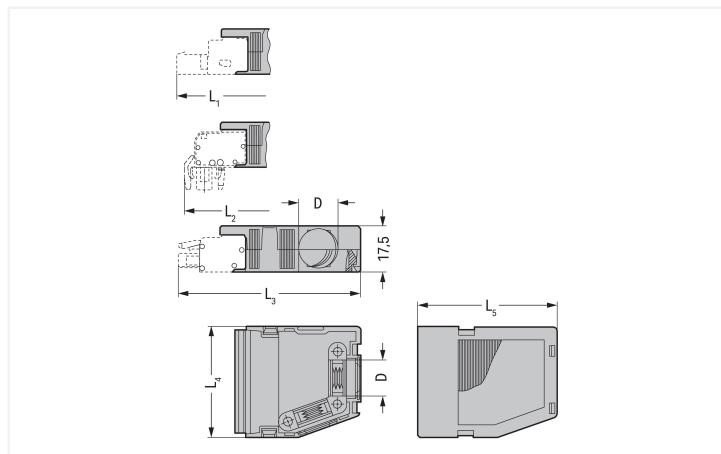
Strain relief housing; for female and male connectors; 2 parts; Pin spacing 5.08 mm;  
10-pole; orange

<https://www.wago.com/232-640>



Color: ■ orange

Similar to illustration



Dimensions in mm

### Strain Relief Housing Dimensions (in mm):

Pole No.	L <sub>4</sub>	L <sub>1</sub>	L <sub>2</sub>	L <sub>3</sub>	L <sub>5</sub>	D
2	13	59	55.5	58	41.5	6
3	18	59	55.5	58	41.5	7.5
4	23	59	55.5	58	41.5	9.5
5	28	59	55.5	58	41.5	9.5
6	33	59	55.5	58	41.5	9.5
7	38	71.5	68	70.5	54	14
8	43	71.5	68	70.5	54	14
9	48.7	71.5	68	70.5	54	14
10	53.8	71.5	68	70.5	54	14
12	64	71.5	68	70.5	54	14
16	85	71.5	68	70.5	54	14

- Suitable for cable clamp
- 1 x cable outlet (rear side)
- 2 x cable outlet (side)
- 2 covers included

### Connection data

#### Connection 1

Pole number 10

### Physical data

Pin spacing	5.08 mm / 0.2 inches
Width	53.8 mm / 2.087 inches
Height	17.5 mm / 0.689 inches
Depth	54 mm / 2.126 inches

### Mechanical data

Suitable	for standard male and female connectors
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### Material data

Note (material data)	<a href="https://www.wago.com/us/material-specifications">Information on material specifications can be found here</a>
Color	orange
Material group	I
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.411 MJ
Weight	13.7 g

### Commercial data

Product Group	3 (Multi Conn. System)
eCl@ss 10.0	27-14-11-92
eCl@ss 9.0	27-44-04-92
ETIM 8.0	EC002848
ETIM 7.0	EC002848
PU (SPU)	25 pcs
Packaging type	Box
Country of origin	DE
GTIN	4017332204897
Customs tariff number	39269097900

### Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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### Approvals / Certificates

#### General approvals



Approval	Standard	Certificate Name
KEMA/KEUR DEKRA Certification B.V.	EN 61984	71-121453
UL UL International Germany GmbH	UL 1977	E45171

#### Approvals for marine applications



Approval	Standard	Certificate Name
ABS American Bureau of Ship- ping	-	19-HG15869876-PDA

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 232-640



Documentation

Additional Information

Technical Section

03.04.2019

pdf

2010.85 KB



CAD/CAE-Data

CAE data

EPLAN Data Portal 232-640



1 Compatible Products

1.1 Optional Accessories

1.1.1 Installation

1.1.1.1 Mounting accessories



[Item No.: 209-173](#)

Fixing screw; for cable clamp; 7 or more poles

1.1.2 Marking

1.1.2.1 Marker



[Item No.: 793-5501/000-006](#)

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; blue



[Item No.: 793-5501/000-014](#)

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; brown



[Item No.: 793-5501/000-007](#)

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; gray



[Item No.: 793-5501/000-023](#)

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; green



[Item No.: 793-5501/000-017](#)

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; light green



[Item No.: 793-5501/000-012](#)

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; orange



[Item No.: 793-5501/000-005](#)

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; red



[Item No.: 793-5501/000-024](#)

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; violet



[Item No.: 793-5501](#)

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; white



[Item No.: 793-5501/000-002](#)

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; yellow



[Item No.: 793-501/000-006](#)

WMB marking card; as card; not stretchable; plain; snap-on type; blue



[Item No.: 793-501/000-007](#)

WMB marking card; as card; not stretchable; plain; snap-on type; gray

1.1.2.1 Marker



**Item No.: 793-501/000-023**  
WMB marking card; as card; not stretchable; plain; snap-on type; green



**Item No.: 793-501/000-017**  
WMB marking card; as card; not stretchable; plain; snap-on type; light green



**Item No.: 793-501/000-012**  
WMB marking card; as card; not stretchable; plain; snap-on type; orange



**Item No.: 793-501/000-005**  
WMB marking card; as card; not stretchable; plain; snap-on type; red



**Item No.: 793-501/000-024**  
WMB marking card; as card; not stretchable; plain; snap-on type; violet



**Item No.: 793-501**  
WMB marking card; as card; not stretchable; plain; snap-on type; white



**Item No.: 793-501/000-002**  
WMB marking card; as card; not stretchable; plain; snap-on type; yellow



**Item No.: 2009-115/000-006**  
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; blue



**Item No.: 2009-115/000-007**  
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; gray



**Item No.: 2009-115/000-023**  
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; green



**Item No.: 2009-115/000-017**  
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; light green



**Item No.: 2009-115/000-012**  
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; orange



**Item No.: 2009-115/000-024**  
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; violet



**Item No.: 2009-115**  
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white



**Item No.: 2009-115/000-002**  
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; yellow

1.1.3 Strain relief

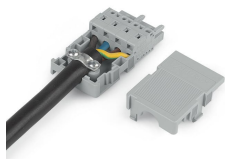
1.1.3.1 Mounting accessories



**Item No.: 209-174**  
Cable clamp; for strain relief; 7 or more poles

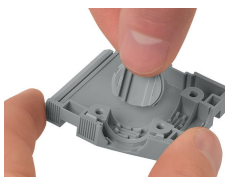
Installation Notes

Application



2- to 3-pole; only suitable for cable ties; max. 3.6 mm cable tie width  
4- to 16-pole; suitable for cable clamp, covers (included)  
Cable ties and binding tools are not offered by WAGO.

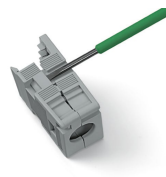
Installation



Snapping a cover into the unused cable outlet.



Strain relief housing shown with a male connector equipped with CAGE CLAMP®



Disassembling a strain relief housing is only possible using an operating tool (e.g., 210-719).

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

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Current addresses can be found at: [www.wago.com](http://www.wago.com)