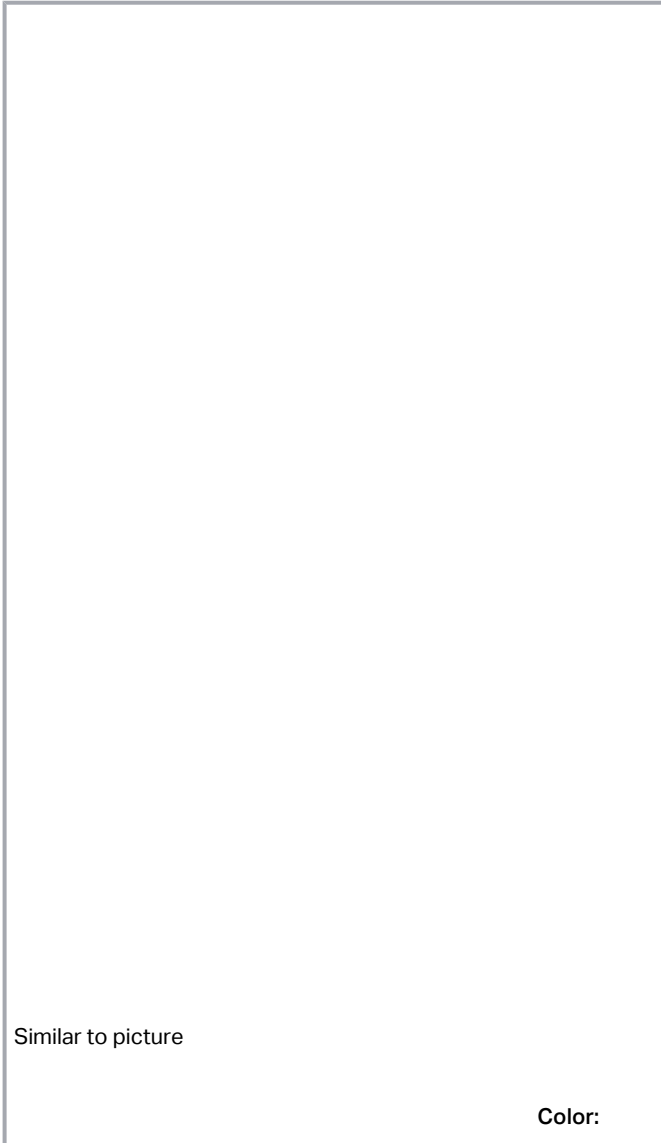


Data sheet | Item number: 789-120

Housing 55 mm; gray

[www.wago.com/789-120](http://www.wago.com/789-120)



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

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PCB dimensions, vertical mounting: (PCB thickness max. 1.5 mm) in level 1; (PCB thickness max. 1 mm) in level 2 and 3

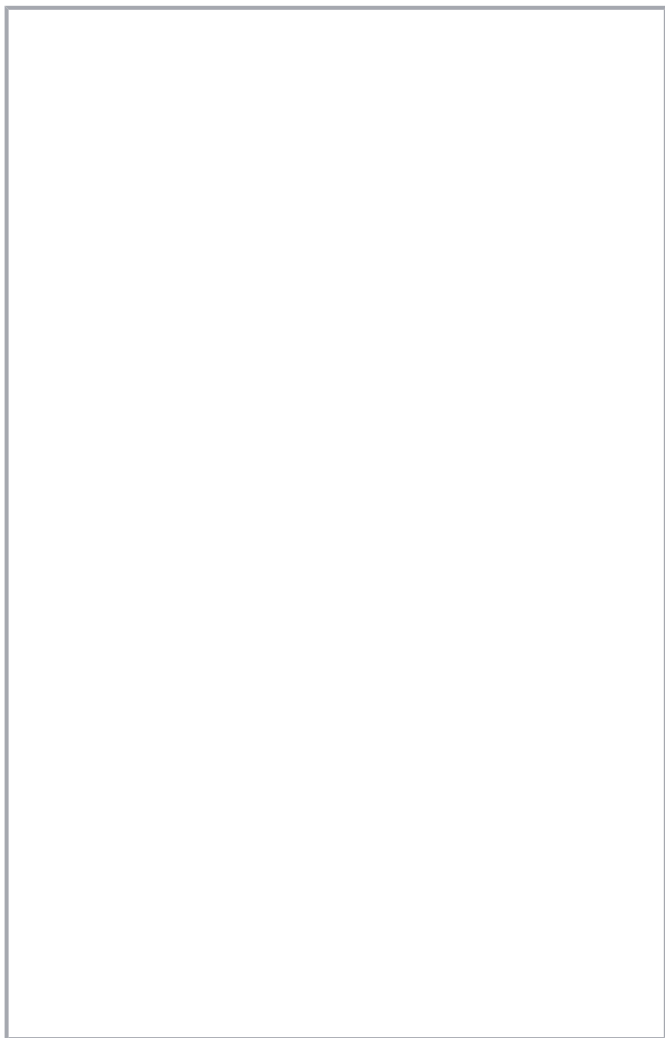
PCB dimensions, horizontal mounting

\*less 4.5 mm when mounting a vertical PCB on level 1

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## Item description

Universal modular component plug housing as rail-mount terminal block – 55 mm housing

## Data

### Electrical data

Rated continuous current	6 A
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### Safety and protection

Rated voltage	250 V
---------------	-------

Rated surge voltage	4 kV
---------------------	------

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Pollution degree	3
Protection type	IP20

### Connection data

Connection technology	CAGE CLAMP®
Solid conductor	0.2 ... 2.5 mm <sup>2</sup> / 24 ... 14 AWG
Fine-stranded conductor	0.2 ... 2.5 mm <sup>2</sup> / 24 ... 14 AWG
Strip length	9 ... 10 mm / 0.35 ... 0.39 inches

### Physical data

Width	17.5 mm / 0.689 inches
Height	90 mm / 3.543 inches
Depth from upper-edge of DIN-rail	55 mm / 2.165 inches

### Mechanical Data

Housing design	DIN-rail-mount enclosure
Mounting type	DIN-35 rail
Mounting position	any

### Material Data

Color	gray
Flammability class per UL94	V0
Housing material	PA 6.6
Fire load	0.393 MJ
Weight	13.1 g

### Environmental requirements

Ambient temperature (operation)	-25 ... +70 °C
Ambient temperature (storage)	-40 ... +85 °C

### Commercial data

Product Group	6 (INTERFACE ELECTRONIC)
eCl@ss 10.0	27-18-27-02
eCl@ss 9.0	27-18-27-02
ETIM 8.0	EC001031

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ETIM 7.0	EC001031
PU (SPU)	25 (1) pcs
Packaging type	box
Country of origin	DE
GTIN	4044918112840
Customs tariff number	85472000900

## Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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## Optional accessories

### Terminal blocks

DIN-rail-mount enclosure		
<b>Item no.: 789-134</b> PCB terminal block; 2.5 mm <sup>2</sup> ; Pin spacing 5 mm; 1-pole; CAGE CLAMP®; 2,50 mm <sup>2</sup> ; gray	<a href="http://www.wago.com/789-134">www.wago.com/789-134</a>	
<b>Item no.: 789-129</b> PCB terminal block; 2.5 mm <sup>2</sup> ; Pin spacing 5 mm; 3-pole; CAGE CLAMP®; 2,50 mm <sup>2</sup> ; gray	<a href="http://www.wago.com/789-129">www.wago.com/789-129</a>	
<b>Item no.: 789-127</b> PCB terminal block; 2.5 mm <sup>2</sup> ; Pin spacing 5 mm; 3-pole; CAGE CLAMP®; 2,50 mm <sup>2</sup> ; gray	<a href="http://www.wago.com/789-127">www.wago.com/789-127</a>	
<b>Item no.: 789-128</b> PCB terminal block; 2.5 mm <sup>2</sup> ; Pin spacing 5 mm; 3-pole; CAGE CLAMP®; 2,50 mm <sup>2</sup> ; gray	<a href="http://www.wago.com/789-128">www.wago.com/789-128</a>	
<b>Item no.: 789-130</b> PCB terminal block; 2.5 mm <sup>2</sup> ; Pin spacing 5 mm; 2-pole; CAGE CLAMP®; 2,50 mm <sup>2</sup> ; gray	<a href="http://www.wago.com/789-130">www.wago.com/789-130</a>	
<b>Item no.: 789-131</b> PCB terminal block; 2.5 mm <sup>2</sup> ; Pin spacing 5 mm; 3-pole; CAGE CLAMP®; 2,50 mm <sup>2</sup> ; gray	<a href="http://www.wago.com/789-131">www.wago.com/789-131</a>	
<b>Item no.: 789-133</b> PCB terminal block; 2.5 mm <sup>2</sup> ; Pin spacing 5 mm; 3-pole; CAGE CLAMP®; 2,50 mm <sup>2</sup> ; gray	<a href="http://www.wago.com/789-133">www.wago.com/789-133</a>	
<b>Item no.: 789-132</b> PCB terminal block; 2.5 mm <sup>2</sup> ; Pin spacing 5 mm; 2,50 mm <sup>2</sup> ; gray	<a href="http://www.wago.com/789-132">www.wago.com/789-132</a>	

### Cover

DIN-rail-mount enclosure		
<b>Item no.: 789-124</b> Transparent cover; transparent	<a href="http://www.wago.com/789-124">www.wago.com/789-124</a>	

### Jumpers

Jumper		
<b>Item no.: 789-112</b> Jumper; 12-way; silver-colored	<a href="http://www.wago.com/789-112">www.wago.com/789-112</a>	

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## Mounting

DIN-rail-mount enclosure		
<b>Item no.: 789-122</b>	Top cover 55 mm; gray	<a href="http://www.wago.com/789-122">www.wago.com/789-122</a>
<b>Item no.: 789-126</b>	Release mechanism; white	<a href="http://www.wago.com/789-126">www.wago.com/789-126</a>

## Tool

Operating tool		
<b>Item no.: 210-720</b>	Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured	<a href="http://www.wago.com/210-720">www.wago.com/210-720</a>

## Ferrule

Ferrule		
<b>Item no.: 216-241</b>	Ferrule; Sleeve for 0.5 mm <sup>2</sup> / 20 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; white	<a href="http://www.wago.com/216-241">www.wago.com/216-241</a>
<b>Item no.: 216-242</b>	Ferrule; Sleeve for 0.75 mm <sup>2</sup> / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray	<a href="http://www.wago.com/216-242">www.wago.com/216-242</a>
<b>Item no.: 216-243</b>	Ferrule; Sleeve for 1 mm <sup>2</sup> / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red	<a href="http://www.wago.com/216-243">www.wago.com/216-243</a>
<b>Item no.: 216-244</b>	Ferrule; Sleeve for 1.5 mm <sup>2</sup> / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black	<a href="http://www.wago.com/216-244">www.wago.com/216-244</a>

## Marking accessories

Marking device		
<b>Item no.: 210-110</b>	Fiber-tip pen	<a href="http://www.wago.com/210-110">www.wago.com/210-110</a>
Marker		
<b>Item no.: 2009-145</b>	Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white	<a href="http://www.wago.com/2009-145">www.wago.com/2009-145</a>
<b>Item no.: 248-451</b>	Mini-WSB marking card; as card; MARKED; K11 - K20 (10x); not stretchable; Horizontal marking; snap-on type; white	<a href="http://www.wago.com/248-451">www.wago.com/248-451</a>
<b>Item no.: 248-455</b>	Mini-WSB marking card; as card; MARKED; U 100 (10x); not stretchable; Horizontal marking; snap-on type; white	<a href="http://www.wago.com/248-455">www.wago.com/248-455</a>
<b>Item no.: 248-450</b>	Mini-WSB marking card; as card; MARKED; K1 - K10 (10x); not stretchable; Horizontal marking; snap-on type; white	<a href="http://www.wago.com/248-450">www.wago.com/248-450</a>
<b>Item no.: 248-452</b>	Mini-WSB marking card; as card; MARKED; K (100x); not stretchable; Horizontal marking; snap-on type; white	<a href="http://www.wago.com/248-452">www.wago.com/248-452</a>

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<b>Item no.: 248-453</b> Mini-WSB marking card; as card; MARKED; U1, ... U10 (10x); not stretchable; Horizontal marking; snap-on type; white	<a href="http://www.wago.com/248-453">www.wago.com/248-453</a>
<b>Item no.: 248-454</b> Mini-WSB marking card; as card; MARKED; U11 - U20 (10x); not stretchable; Horizontal marking; snap-on type; white	<a href="http://www.wago.com/248-454">www.wago.com/248-454</a>
<b>Item no.: 248-566</b> Mini-WSB marking card; as card; MARKED; 1 ... 50 (2x); not stretchable; Horizontal marking; snap-on type; white	<a href="http://www.wago.com/248-566">www.wago.com/248-566</a>
<b>Item no.: 248-501</b> Mini-WSB marking card; as card; not stretchable; plain; snap-on type; white	<a href="http://www.wago.com/248-501">www.wago.com/248-501</a>
<b>Item no.: 248-503</b> Mini-WSB marking card; as card; MARKED; 11 ... 20 (10x); not stretchable; Horizontal marking; snap-on type; white	<a href="http://www.wago.com/248-503">www.wago.com/248-503</a>
<b>Item no.: 248-506</b> Mini-WSB marking card; as card; MARKED; 41 ... 50 (10x); not stretchable; Horizontal marking; snap-on type; white	<a href="http://www.wago.com/248-506">www.wago.com/248-506</a>
<b>Item no.: 248-502</b> Mini-WSB marking card; as card; MARKED; 1 ... 10 (10x); not stretchable; Horizontal marking; snap-on type; white	<a href="http://www.wago.com/248-502">www.wago.com/248-502</a>

## Downloads

### Documentation

#### Additional Information

Disposal and Recycling	V 1.1.0	pdf	Download
Electrical and electronic equipment, Batteries, Packaging	2022 年8月18日	2.2 MB	

## CAD/CAE-Data

### CAD data

2D/3D Models 789-120	URL	Download
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### CAE data

EPLAN Data Portal 789-120	URL	Download
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WSCAD Universe 789-120	URL	Download
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ZUKEN Portal 789-120	URL	Download
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Data sheet | Item number: 789-120

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## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 789-120

URL

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Housing 55 mm; gray

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## Installation Notes

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