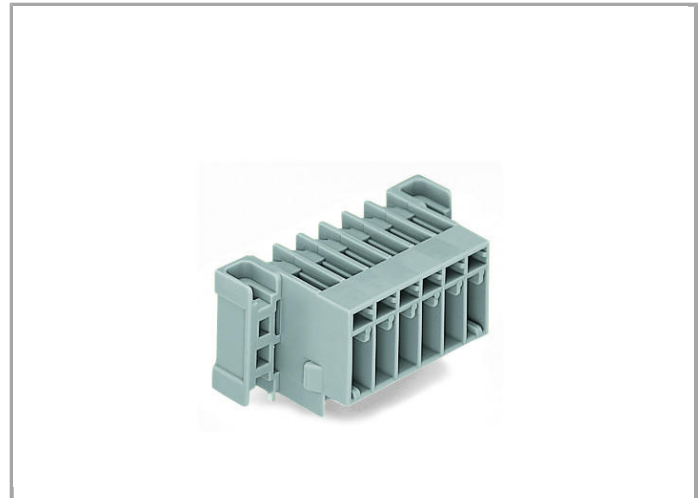


Data sheet | Item number: 769-666/003-000

THT male header; 1.0 x 1.0 mm solder pin; angled; clamping collar; Pin spacing 5 mm; 6-pole

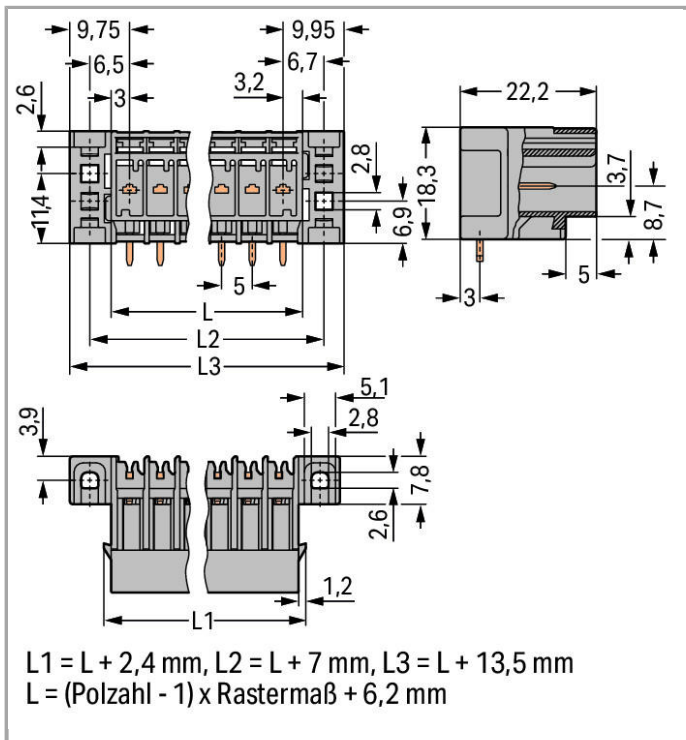
[www.wago.com/769-666/003-000](http://www.wago.com/769-666/003-000)



RoHS   
Compliant

BOMcheck.net

Color: ■



Data

Electrical data

Ratings per IEC/EN 60664-1

Rated voltage (III / 3)	250 V
Rated impulse voltage (III / 3)	4 kV
Rated voltage (III / 2)	500 V
Rated impulse voltage (III / 2)	4 kV
Rated current	32 A
Legend (ratings)	(III / 3) ≙ Overvoltage category III / Pollution degree 3

Connection data

Actuation type	Operating tool
No. of poles	6
Total number of potentials	6
Number of levels	1

Geometrical Data

Pin spacing	5 mm / 0.197 inch
Width	44.7 mm / 1.76 inch
Height from the surface	18.3 mm / 0.72 inch
Depth	22.2 mm / 0.874 inch

Solder pin dimensions

Solder pin 1 x 1 mm

## Mechanical data

Mounting type

Mounting flange

## Plug connection

Contact type (pluggable connector)

Male connector/plug

Connector connection type

for PCBs

Mismating protection

No

Mating direction to the PCB

0°

## PCB contact

PCB contact

THT

## Material Data

Color

gray

Insulating material

Polyamide 66 (PA 66)

Fire load

0.16 MJ

Weight

7.515 g

## Commercial data

Country of origin

PL

GTIN

4044918396783

Customs Tariff No.

85366990990

Product Group

18 (X-COM-System)

## Approvals / Certificates

### Country specific Approvals

Logo

Approval

Certificate name



CCA  
DEKRA Certification B.V.

NTR NL-7626



CSA  
DEKRA Certification B.V.



1101144



KEMA/KEUR  
DEKRA Certification B.V.

2190419.01

## UL-Approvals





Logo	Approval	Certificate name
	UR Underwriters Laboratories Inc.	E45171
	UR Underwriters Laboratories Inc.	E45172

## Compatible products

## Marking accessories

	<b>Item no.: 210-831</b> Marking strips; on reel; 2.3 mm wide; plain; Self-adhesive	<a href="http://www.wago.com/210-831">www.wago.com/210-831</a>
	<b>Item no.: 210-832</b> Marking strips; on reel; 3 mm wide; plain; Self-adhesive	<a href="http://www.wago.com/210-832">www.wago.com/210-832</a>
	<b>Item no.: 210-833</b> Marking strips; on reel; 6 mm wide; plain; Self-adhesive	<a href="http://www.wago.com/210-833">www.wago.com/210-833</a>
	<b>Item no.: 210-834</b> Marking strips; on reel; 5 mm wide; plain; Self-adhesive	<a href="http://www.wago.com/210-834">www.wago.com/210-834</a>

## Female plug

	<b>Item no.: 769-101</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 1-pole	<a href="http://www.wago.com/769-101">www.wago.com/769-101</a>
	<b>Item no.: 769-102</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 2-pole	<a href="http://www.wago.com/769-102">www.wago.com/769-102</a>
	<b>Item no.: 769-102/000-036</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 2-pole	<a href="http://www.wago.com/769-102/000-036">www.wago.com/769-102/000-036</a>
	<b>Item no.: 769-102/000-037</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 2-pole	<a href="http://www.wago.com/769-102/000-037">www.wago.com/769-102/000-037</a>
	<b>Item no.: 769-103</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 3-pole	<a href="http://www.wago.com/769-103">www.wago.com/769-103</a>
	<b>Item no.: 769-103/000-036</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 3-pole	<a href="http://www.wago.com/769-103/000-036">www.wago.com/769-103/000-036</a>
	<b>Item no.: 769-103/000-037</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 3-pole	<a href="http://www.wago.com/769-103/000-037">www.wago.com/769-103/000-037</a>



**Item no.: 769-103/000-038**  
1-conductor female plug; 4 mm<sup>2</sup>; 3-pole

[www.wago.com/769-103/000-038](http://www.wago.com/769-103/000-038)



**Item no.: 769-103/000-039**  
1-conductor female plug; 4 mm<sup>2</sup>; 3-pole

[www.wago.com/769-103/000-039](http://www.wago.com/769-103/000-039)

**Item no.: 769-104**  
1-conductor female plug; 4 mm<sup>2</sup>; 4-pole

[www.wago.com/769-104](http://www.wago.com/769-104)



**Item no.: 769-104/000-036**  
1-conductor female plug; 4 mm<sup>2</sup>; 4-pole

[www.wago.com/769-104/000-036](http://www.wago.com/769-104/000-036)



**Item no.: 769-104/000-037**  
1-conductor female plug; 4 mm<sup>2</sup>; 4-pole

[www.wago.com/769-104/000-037](http://www.wago.com/769-104/000-037)



**Item no.: 769-104/000-038**  
1-conductor female plug; 4 mm<sup>2</sup>; 4-pole

[www.wago.com/769-104/000-038](http://www.wago.com/769-104/000-038)



**Item no.: 769-104/000-039**  
1-conductor female plug; 4 mm<sup>2</sup>; 4-pole

[www.wago.com/769-104/000-039](http://www.wago.com/769-104/000-039)



**Item no.: 769-105**  
1-conductor female plug; 4 mm<sup>2</sup>; 5-pole

[www.wago.com/769-105](http://www.wago.com/769-105)



**Item no.: 769-105/000-036**  
1-conductor female plug; 4 mm<sup>2</sup>; 5-pole

[www.wago.com/769-105/000-036](http://www.wago.com/769-105/000-036)



**Item no.: 769-105/000-037**  
1-conductor female plug; 4 mm<sup>2</sup>; 5-pole

[www.wago.com/769-105/000-037](http://www.wago.com/769-105/000-037)



**Item no.: 769-105/000-038**  
1-conductor female plug; 4 mm<sup>2</sup>; 5-pole

[www.wago.com/769-105/000-038](http://www.wago.com/769-105/000-038)



**Item no.: 769-105/000-039**  
1-conductor female plug; 4 mm<sup>2</sup>; 5-pole

[www.wago.com/769-105/000-039](http://www.wago.com/769-105/000-039)

**Item no.: 769-106**  
1-conductor female plug; 4 mm<sup>2</sup>; 6-pole

[www.wago.com/769-106](http://www.wago.com/769-106)

**Item no.: 769-106/000-006**  
1-conductor female plug; 4 mm<sup>2</sup>; 6-pole

[www.wago.com/769-106/000-006](http://www.wago.com/769-106/000-006)



**Item no.: 769-106/000-036**  
1-conductor female plug; 4 mm<sup>2</sup>; 6-pole

[www.wago.com/769-106/000-036](http://www.wago.com/769-106/000-036)

**Item no.: 769-106/000-037**  
1-conductor female plug; 4 mm<sup>2</sup>; 6-pole

[www.wago.com/769-106/000-037](http://www.wago.com/769-106/000-037)



**Item no.: 769-106/000-038**  
1-conductor female plug; 4 mm<sup>2</sup>; 6-pole

[www.wago.com/769-106/000-038](http://www.wago.com/769-106/000-038)



**Item no.: 769-106/000-039**  
1-conductor female plug; 4 mm<sup>2</sup>; 6-pole

[www.wago.com/769-106/000-039](http://www.wago.com/769-106/000-039)

**Item no.: 769-106/021-000**  
1-conductor female plug; Locking lever; 4 mm<sup>2</sup>; 6-pole

[www.wago.com/769-106/021-000](http://www.wago.com/769-106/021-000)

**Item no.: 769-107**  
1-conductor female plug; 4 mm<sup>2</sup>; 7-pole

[www.wago.com/769-107](http://www.wago.com/769-107)



**Item no.: 769-107/000-036**  
1-conductor female plug; 4 mm<sup>2</sup>; 7-pole

[www.wago.com/769-107/000-036](http://www.wago.com/769-107/000-036)



**Item no.: 769-107/000-037**  
1-conductor female plug; 4 mm<sup>2</sup>; 7-pole

[www.wago.com/769-107/000-037](http://www.wago.com/769-107/000-037)



**Item no.: 769-107/000-038**  
1-conductor female plug; 4 mm<sup>2</sup>; 7-pole

[www.wago.com/769-107/000-038](http://www.wago.com/769-107/000-038)



**Item no.: 769-107/000-039**  
1-conductor female plug; 4 mm<sup>2</sup>; 7-pole

[www.wago.com/769-107/000-039](http://www.wago.com/769-107/000-039)

**Item no.: 769-108**  
1-conductor female plug; 4 mm<sup>2</sup>; 8-pole

[www.wago.com/769-108](http://www.wago.com/769-108)

**Item no.: 769-108/000-036**  
1-conductor female plug; 4 mm<sup>2</sup>; 8-pole

[www.wago.com/769-108/000-036](http://www.wago.com/769-108/000-036)

**Item no.: 769-108/000-037**  
1-conductor female plug; 4 mm<sup>2</sup>; 8-pole

[www.wago.com/769-108/000-037](http://www.wago.com/769-108/000-037)

**Item no.: 769-108/000-038**  
1-conductor female plug; 4 mm<sup>2</sup>; 8-pole

[www.wago.com/769-108/000-038](http://www.wago.com/769-108/000-038)

**Item no.: 769-108/000-039**  
1-conductor female plug; 4 mm<sup>2</sup>; 8-pole

[www.wago.com/769-108/000-039](http://www.wago.com/769-108/000-039)

**Item no.: 769-109**  
1-conductor female plug; 4 mm<sup>2</sup>; 9-pole

[www.wago.com/769-109](http://www.wago.com/769-109)



**Item no.: 769-109/000-036**  
1-conductor female plug; 4 mm<sup>2</sup>; 9-pole

[www.wago.com/769-109/000-036](http://www.wago.com/769-109/000-036)



**Item no.: 769-109/000-037**  
1-conductor female plug; 4 mm<sup>2</sup>; 9-pole

[www.wago.com/769-109/000-037](http://www.wago.com/769-109/000-037)



**Item no.: 769-109/000-038**  
1-conductor female plug; 4 mm<sup>2</sup>; 9-pole

[www.wago.com/769-109/000-038](http://www.wago.com/769-109/000-038)



**Item no.: 769-109/000-039**  
1-conductor female plug; 4 mm<sup>2</sup>; 9-pole

[www.wago.com/769-109/000-039](http://www.wago.com/769-109/000-039)

**Item no.: 769-110**  
1-conductor female plug; 4 mm<sup>2</sup>; 10-pole

[www.wago.com/769-110](http://www.wago.com/769-110)

**Item no.: 769-110/000-036**  
1-conductor female plug; 4 mm<sup>2</sup>; 10-pole

[www.wago.com/769-110/000-036](http://www.wago.com/769-110/000-036)

**Item no.: 769-110/000-037**  
1-conductor female plug; 4 mm<sup>2</sup>; 10-pole

[www.wago.com/769-110/000-037](http://www.wago.com/769-110/000-037)

**Item no.: 769-110/000-038**  
1-conductor female plug; 4 mm<sup>2</sup>; 10-pole

[www.wago.com/769-110/000-038](http://www.wago.com/769-110/000-038)

**Item no.: 769-110/000-039**  
1-conductor female plug; 4 mm<sup>2</sup>; 10-pole

[www.wago.com/769-110/000-039](http://www.wago.com/769-110/000-039)

**Item no.: 769-111**  
1-conductor female plug; 4 mm<sup>2</sup>; 11-pole

[www.wago.com/769-111](http://www.wago.com/769-111)

**Item no.: 769-111/000-036**  
1-conductor female plug; 4 mm<sup>2</sup>; 11-pole

[www.wago.com/769-111/000-036](http://www.wago.com/769-111/000-036)

**Item no.: 769-111/000-037**  
1-conductor female plug; 4 mm<sup>2</sup>; 11-pole

[www.wago.com/769-111/000-037](http://www.wago.com/769-111/000-037)

**Item no.: 769-111/000-038**  
1-conductor female plug; 4 mm<sup>2</sup>; 11-pole

[www.wago.com/769-111/000-038](http://www.wago.com/769-111/000-038)

**Item no.: 769-111/000-039**  
1-conductor female plug; 4 mm<sup>2</sup>; 11-pole

[www.wago.com/769-111/000-039](http://www.wago.com/769-111/000-039)

**Item no.: 769-112**  
1-conductor female plug; 4 mm<sup>2</sup>; 12-pole

[www.wago.com/769-112](http://www.wago.com/769-112)



**Item no.: 769-112/000-036**  
1-conductor female plug; 4 mm<sup>2</sup>; 12-pole

[www.wago.com/769-112/000-036](http://www.wago.com/769-112/000-036)



**Item no.: 769-112/000-037**  
1-conductor female plug; 4 mm<sup>2</sup>; 12-pole

[www.wago.com/769-112/000-037](http://www.wago.com/769-112/000-037)



**Item no.: 769-112/000-038**  
1-conductor female plug; 4 mm<sup>2</sup>; 12-pole

[www.wago.com/769-112/000-038](http://www.wago.com/769-112/000-038)



**Item no.: 769-112/000-039**  
1-conductor female plug; 4 mm<sup>2</sup>; 12-pole

[www.wago.com/769-112/000-039](http://www.wago.com/769-112/000-039)

**Item no.: 769-113**  
1-conductor female plug; 4 mm<sup>2</sup>; 13-pole

[www.wago.com/769-113](http://www.wago.com/769-113)

**Item no.: 769-113/000-036**  
1-conductor female plug; 4 mm<sup>2</sup>; 13-pole

[www.wago.com/769-113/000-036](http://www.wago.com/769-113/000-036)

**Item no.: 769-113/000-037**  
1-conductor female plug; 4 mm<sup>2</sup>; 13-pole

[www.wago.com/769-113/000-037](http://www.wago.com/769-113/000-037)

**Item no.: 769-113/000-038**  
1-conductor female plug; 4 mm<sup>2</sup>; 13-pole

[www.wago.com/769-113/000-038](http://www.wago.com/769-113/000-038)

**Item no.: 769-113/000-039**  
1-conductor female plug; 4 mm<sup>2</sup>; 13-pole

[www.wago.com/769-113/000-039](http://www.wago.com/769-113/000-039)

**Item no.: 769-114**  
1-conductor female plug; 4 mm<sup>2</sup>; 14-pole

[www.wago.com/769-114](http://www.wago.com/769-114)

**Item no.: 769-114/000-036**  
1-conductor female plug; 4 mm<sup>2</sup>; 14-pole

[www.wago.com/769-114/000-036](http://www.wago.com/769-114/000-036)

**Item no.: 769-114/000-037**  
1-conductor female plug; 4 mm<sup>2</sup>; 14-pole

[www.wago.com/769-114/000-037](http://www.wago.com/769-114/000-037)

**Item no.: 769-114/000-038**  
1-conductor female plug; 4 mm<sup>2</sup>; 14-pole

[www.wago.com/769-114/000-038](http://www.wago.com/769-114/000-038)

**Item no.: 769-114/000-039**  
1-conductor female plug; 4 mm<sup>2</sup>; 14-pole

[www.wago.com/769-114/000-039](http://www.wago.com/769-114/000-039)

**Item no.: 769-115**  
1-conductor female plug; 4 mm<sup>2</sup>; 15-pole

[www.wago.com/769-115](http://www.wago.com/769-115)





**Item no.: 769-115/000-036**  
1-conductor female plug; 4 mm<sup>2</sup>; 15-pole











[www.wago.com/769-115/000-036](http://www.wago.com/769-115/000-036)

**Item no.: 769-115/000-037**  
1-conductor female plug; 4 mm<sup>2</sup>; 15-pole


[www.wago.com/769-115/000-037](http://www.wago.com/769-115/000-037)



	<b>Item no.: 769-115/000-038</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 15-pole	<a href="http://www.wago.com/769-115/000-038">www.wago.com/769-115/000-038</a>
	<b>Item no.: 769-115/000-039</b> 1-conductor female plug; 4 mm <sup>2</sup> ; 15-pole	<a href="http://www.wago.com/769-115/000-039">www.wago.com/769-115/000-039</a>
	<b>Item no.: 769-121</b> 2-conductor female connector; 4 mm <sup>2</sup> ; 1-pole	<a href="http://www.wago.com/769-121">www.wago.com/769-121</a>
	<b>Item no.: 769-122</b> 2-conductor female connector; 4 mm <sup>2</sup> ; 2-pole	<a href="http://www.wago.com/769-122">www.wago.com/769-122</a>
	<b>Item no.: 769-123</b> 2-conductor female connector; 4 mm <sup>2</sup> ; 3-pole	<a href="http://www.wago.com/769-123">www.wago.com/769-123</a>
	<b>Item no.: 769-124</b> 2-conductor female connector; 4 mm <sup>2</sup> ; 4-pole	<a href="http://www.wago.com/769-124">www.wago.com/769-124</a>
	<b>Item no.: 769-125</b> 2-conductor female connector; 4 mm <sup>2</sup> ; 5-pole	<a href="http://www.wago.com/769-125">www.wago.com/769-125</a>
	<b>Item no.: 769-126</b> 2-conductor female connector; 4 mm <sup>2</sup> ; 6-pole	<a href="http://www.wago.com/769-126">www.wago.com/769-126</a>
	<b>Item no.: 769-127</b> 2-conductor female connector; 4 mm <sup>2</sup> ; 7-pole	<a href="http://www.wago.com/769-127">www.wago.com/769-127</a>
	<b>Item no.: 769-128</b> 2-conductor female connector; 4 mm <sup>2</sup> ; 8-pole	<a href="http://www.wago.com/769-128">www.wago.com/769-128</a>
	<b>Item no.: 769-129</b> 2-conductor female connector; 4 mm <sup>2</sup> ; 9-pole	<a href="http://www.wago.com/769-129">www.wago.com/769-129</a>
	<b>Item no.: 769-130</b> 2-conductor female connector; 4 mm <sup>2</sup> ; 10-pole	<a href="http://www.wago.com/769-130">www.wago.com/769-130</a>
	<b>Item no.: 769-131</b> 2-conductor female connector; 4 mm <sup>2</sup> ; 11-pole	<a href="http://www.wago.com/769-131">www.wago.com/769-131</a>
	<b>Item no.: 769-132</b> 2-conductor female connector; 4 mm <sup>2</sup> ; 12-pole	<a href="http://www.wago.com/769-132">www.wago.com/769-132</a>
	<b>Item no.: 769-133</b> 2-conductor female connector; 4 mm <sup>2</sup> ; 13-pole	<a href="http://www.wago.com/769-133">www.wago.com/769-133</a>
	<b>Item no.: 769-134</b> 2-conductor female connector; 4 mm <sup>2</sup> ; 14-pole	<a href="http://www.wago.com/769-134">www.wago.com/769-134</a>
	<b>Item no.: 769-135</b> 2-conductor female connector; 4 mm <sup>2</sup> ; 15-pole	<a href="http://www.wago.com/769-135">www.wago.com/769-135</a>
<b>ferrule</b>		
	<b>Item no.: 216-101</b> Ferrule; Sleeve for 0.5 mm <sup>2</sup> / AWG 22; uninsulated; electro-tin plated	<a href="http://www.wago.com/216-101">www.wago.com/216-101</a>

	<b>Item no.: 216-102</b> Ferrule; Sleeve for 0.75 mm <sup>2</sup> / AWG 20; uninsulated; electro-tin plated	<a href="http://www.wago.com/216-102">www.wago.com/216-102</a>
	<b>Item no.: 216-103</b> Ferrule; Sleeve for 1 mm <sup>2</sup> / AWG 18; uninsulated; electro-tin plated	<a href="http://www.wago.com/216-103">www.wago.com/216-103</a>
	<b>Item no.: 216-104</b> Ferrule; Sleeve for 1.5 mm <sup>2</sup> / AWG 16; uninsulated; electro-tin plated	<a href="http://www.wago.com/216-104">www.wago.com/216-104</a>
	<b>Item no.: 216-201</b> Ferrule; Sleeve for 0.5 mm <sup>2</sup> / AWG 22; insulated; electro-tin plated	<a href="http://www.wago.com/216-201">www.wago.com/216-201</a>
	<b>Item no.: 216-202</b> Ferrule; Sleeve for 0.75 mm <sup>2</sup> / AWG 20; insulated; electro-tin plated	<a href="http://www.wago.com/216-202">www.wago.com/216-202</a>
	<b>Item no.: 216-203</b> Ferrule; Sleeve for 1 mm <sup>2</sup> / AWG 18; insulated; electro-tin plated	<a href="http://www.wago.com/216-203">www.wago.com/216-203</a>
	<b>Item no.: 216-204</b> Ferrule; Sleeve for 1.5 mm <sup>2</sup> / AWG 16; insulated; electro-tin plated	<a href="http://www.wago.com/216-204">www.wago.com/216-204</a>
	<b>Item no.: 216-206</b> Ferrule; Sleeve for 2.5 mm <sup>2</sup> / AWG 14; insulated; electro-tin plated	<a href="http://www.wago.com/216-206">www.wago.com/216-206</a>
	<b>Item no.: 216-301</b> Ferrule; Sleeve for 0.25 mm <sup>2</sup> / AWG 24; insulated; electro-tin plated	<a href="http://www.wago.com/216-301">www.wago.com/216-301</a>
	<b>Item no.: 216-302</b> Ferrule; Sleeve for 0.34 mm <sup>2</sup> / AWG 24; insulated; electro-tin plated	<a href="http://www.wago.com/216-302">www.wago.com/216-302</a>

**Coding**

	<b>Item no.: 769-435</b> Coding pin; for coding of female plugs; for carrier terminal blocks / male connectors	<a href="http://www.wago.com/769-435">www.wago.com/769-435</a>
--	---	--

**Downloads**

**Documentation**

**Bid Text**

769-666/003-000	Oct 19, 2017	DOC 25.6 kB	Download
-----------------	--------------	----------------	----------

**smartDATA**

**CAD data**

3D Download 769-666/003-000	URL	Download
-----------------------------	-----	----------



## Product family

### X-COM

[Learn more about the product family.](#)

[Show all products from the family](#)

Subject to changes.

---

WAGO Kontakttechnik GmbH & Co. KG

Hansastr. 27

32423 Minden

Phone: +49571 887-0 | Fax: +49571 887-169

Email: [info.de@wago.com](mailto:info.de@wago.com) | Web: [www.wago.com](http://www.wago.com)

Do you have any questions about our products?

We are always happy to take your call at +49 (571) 887-44222.