

# CGSA 50 - Cable routing system



3071401

<https://www.phoenixcontact.com/us/products/3071401>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.

Cable routing system, with swivel joint for opening, length: 218 mm, width: 68 mm, height: 218 mm, diameter: 42 mm, color: gray



## Your advantages

- Subsequent wiring is easy, thanks to swivel joint openings that can be operated without tools
- Easily plan cable harnesses: the cable length is predefined through the swivel arm
- Integrated flanges with strain relief make assembly quick and easy
- Mechanical cable protection and bundling, thanks to protective covers that can be attached without tools
- Route preassembled cables and wires easily, thanks to the patent-pending swivel joint
- High-grade elastic and mechanically resilient plastic, certified according to UL 94 for flammability rating: V0
- Cable routing for the control cabinet door can be planned in the CAD system, thanks to the defined installation space and swivel range

## Commercial data

Item number	3071401
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BE06
Product key	BE61ZX
Catalog page	Page 655 (C-1-2019)
GTIN	4055626289175
Weight per piece (including packing)	434.7 g
Weight per piece (excluding packing)	429.7 g
Customs tariff number	39259020
Country of origin	PL

# CGSA 50 - Cable routing system

3071401

<https://www.phoenixcontact.com/us/products/3071401>



## Technical data

### Notes

General	Cable binders can be used up to a width of 4 mm and from a length of 40 mm
---------	--

### Product properties

Product type	Cable feed-through
Number of cables	100 for 1.5 mm <sup>2</sup>

### Dimensions

Dimensional drawing	
Width	68 mm
Height	218 mm
Depth	140.5 mm
Length	218 mm
Cable length	700 mm ... 460 mm
Drill hole distance, horizontal	25 mm
Drill hole distance, vertical	25 mm
Diameter	42 mm
Hole diameter	5.5 mm

### Material specifications

Color	gray
Material	PC
Flammability rating according to UL 94	V0
Static insulating material application in cold	-40 °C
Relative insulation material temperature index (Elec., UL 746 B)	130 °C
Fire protection for rail vehicles (DIN EN 45545-2) R22	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R23	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R24	HL 1 - HL 3
Components	halogen-free

### Environmental and real-life conditions

#### Needle-flame test

Time of exposure	30 s
Result	Test passed

# CGSA 50 - Cable routing system



3071401

<https://www.phoenixcontact.com/us/products/3071401>

## Ambient conditions

Ambient temperature (operation)	-60 °C ... 85 °C (max. short-term operating temperature RTI Elec. )
Ambient temperature (storage/transport)	-25 °C ... 55 °C (for a short time, not exceeding 24 h, -60 °C to +70 °C)
Ambient temperature (assembly)	-5 °C ... 70 °C
Ambient temperature (actuation)	-5 °C ... 70 °C
Permissible humidity (storage/transport)	30 % ... 70 %

# CGSA 50 - Cable routing system

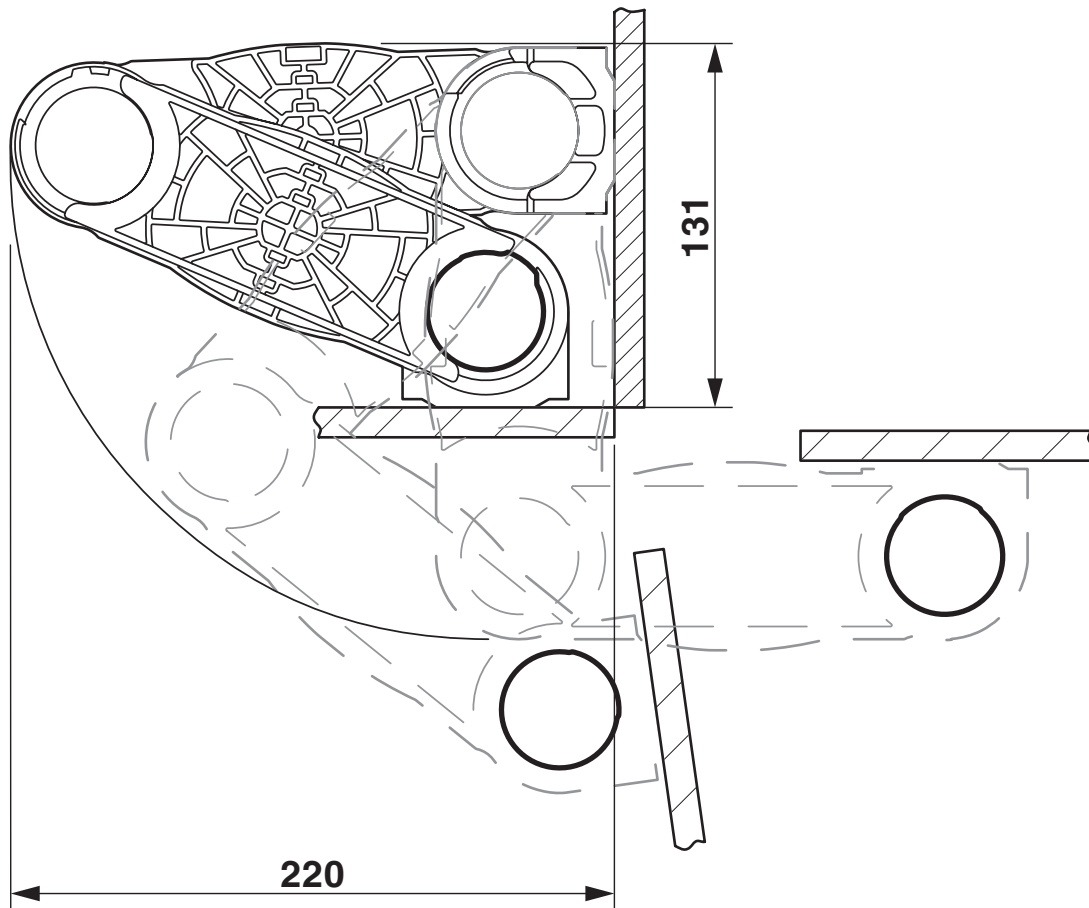
3071401

<https://www.phoenixcontact.com/us/products/3071401>

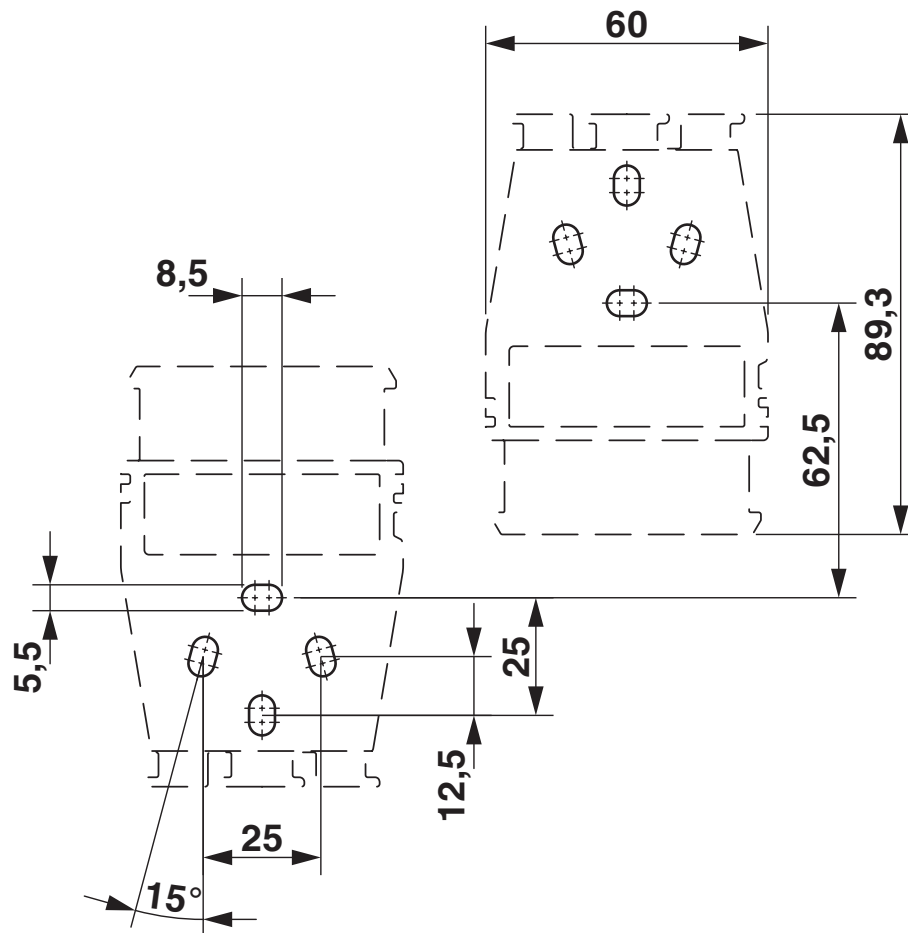


## Drawings

Dimensional drawing



Dimensional drawing



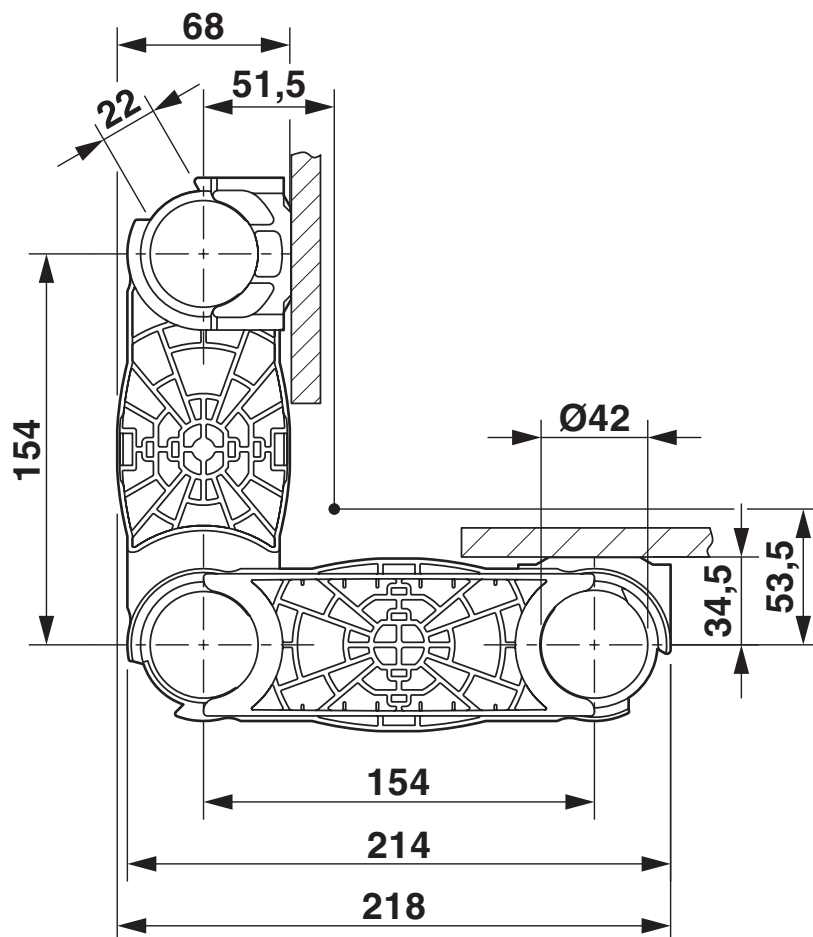
# CGSA 50 - Cable routing system

3071401

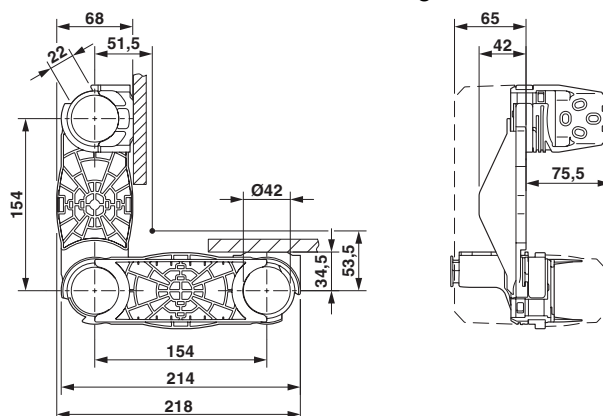
<https://www.phoenixcontact.com/us/products/3071401>



Dimensional drawing



Dimensional drawing



# CGSA 50 - Cable routing system

3071401

<https://www.phoenixcontact.com/us/products/3071401>



## Approvals

💡 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/3071401>



**VDE Zeichengenehmigung**

Approval ID: 40047466

# CGSA 50 - Cable routing system



3071401

<https://www.phoenixcontact.com/us/products/3071401>

## Classifications

### ECLASS

ECLASS-11.0	27182811
ECLASS-12.0	27182811
ECLASS-13.0	27182811

### ETIM

ETIM 8.0	EC002620
----------	----------

### UNSPSC

UNSPSC 21.0	39121700
-------------	----------



# CGSA 50 - Cable routing system



3071401

<https://www.phoenixcontact.com/us/products/3071401>

## Environmental product compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

# CGSA 50 - Cable routing system



3071401

<https://www.phoenixcontact.com/us/products/3071401>

## Accessories

### CGS-AH 50 SET - Cover

3071410

<https://www.phoenixcontact.com/us/products/3071410>



Cover, packed in pairs, length: 214 mm, width: 63 mm, height: 214 mm, color: gray

---

### WT-HF 3,6X140 - Cable tie

3240744

<https://www.phoenixcontact.com/us/products/3240744>



Cable binders for quick and secure bundling, standard version

# CGSA 50 - Cable routing system

3071401

<https://www.phoenixcontact.com/us/products/3071401>



## WT-HF 3,6X140 BK - Cable tie

3240745

<https://www.phoenixcontact.com/us/products/3240745>



Cable binders for quick and secure bundling, standard version

---

## WT-HF 3,6X200 - Cable tie

3240748

<https://www.phoenixcontact.com/us/products/3240748>



Cable binders for quick and secure bundling, standard version

# CGSA 50 - Cable routing system



3071401

<https://www.phoenixcontact.com/us/products/3071401>

## WT-HF 3,6X200 BK - Cable tie

3240749

<https://www.phoenixcontact.com/us/products/3240749>



Cable binders for quick and secure bundling, standard version

---

## WT-HF 3,6X290 - Cable tie

3240752

<https://www.phoenixcontact.com/us/products/3240752>



Cable binders for quick and secure bundling, standard version

# CGSA 50 - Cable routing system

3071401

<https://www.phoenixcontact.com/us/products/3071401>



## WT-HF 3,6X290 BK - Cable tie

3240753

<https://www.phoenixcontact.com/us/products/3240753>



Cable binders for quick and secure bundling, standard version

---

Phoenix Contact 2023 © - all rights reserved

<https://www.phoenixcontact.com>

Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)