

# CGSA 50 - Cable guiding system

3071401

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



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Cable guiding system, with swivel joint for opening, depth: 140.5 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

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## Technical data

### Notes

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

Ambient conditions	
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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 %

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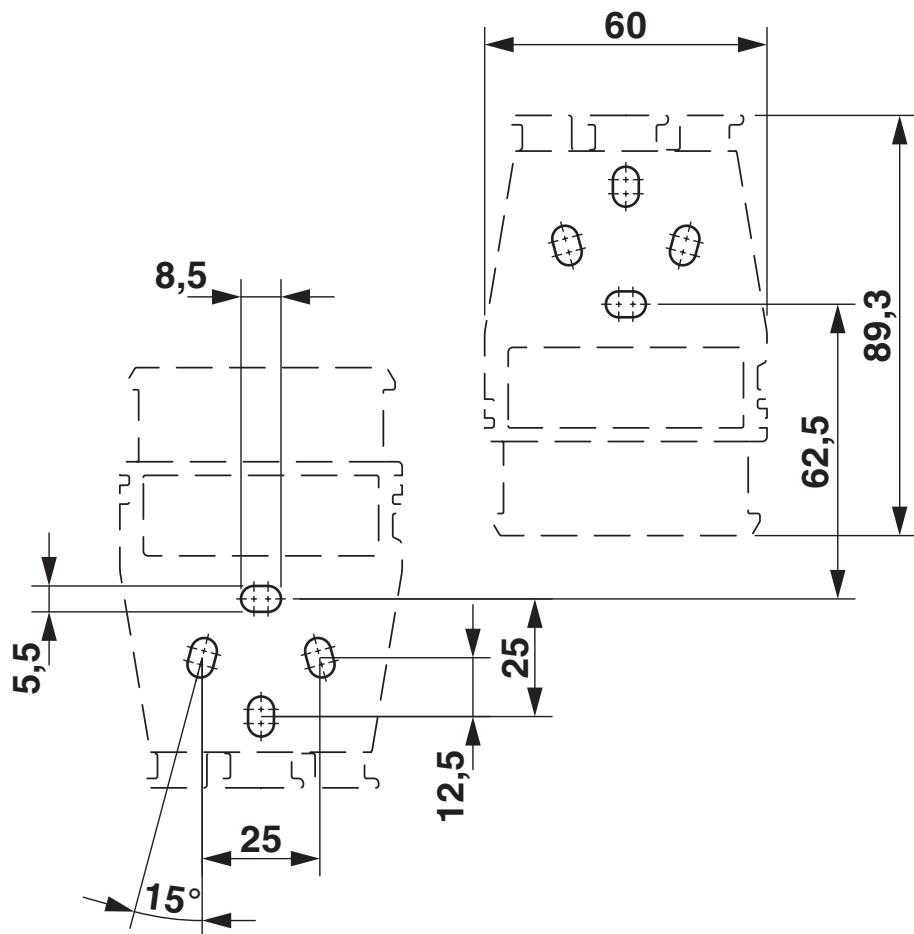
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## Drawings

Dimensional drawing



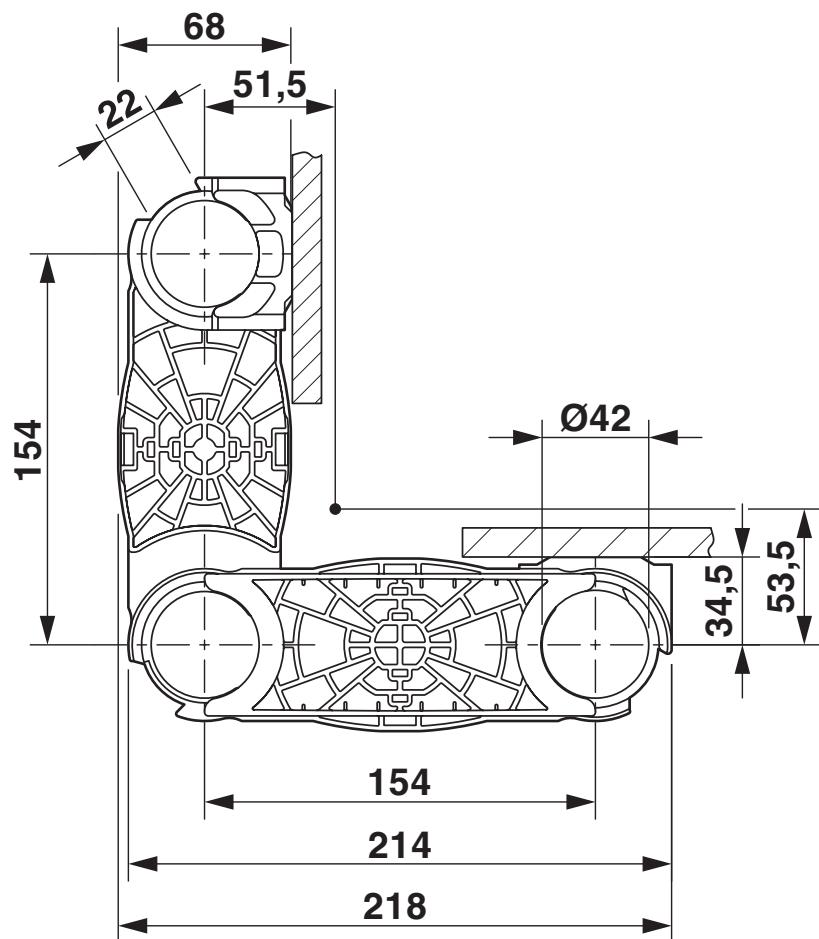
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Dimensional drawing



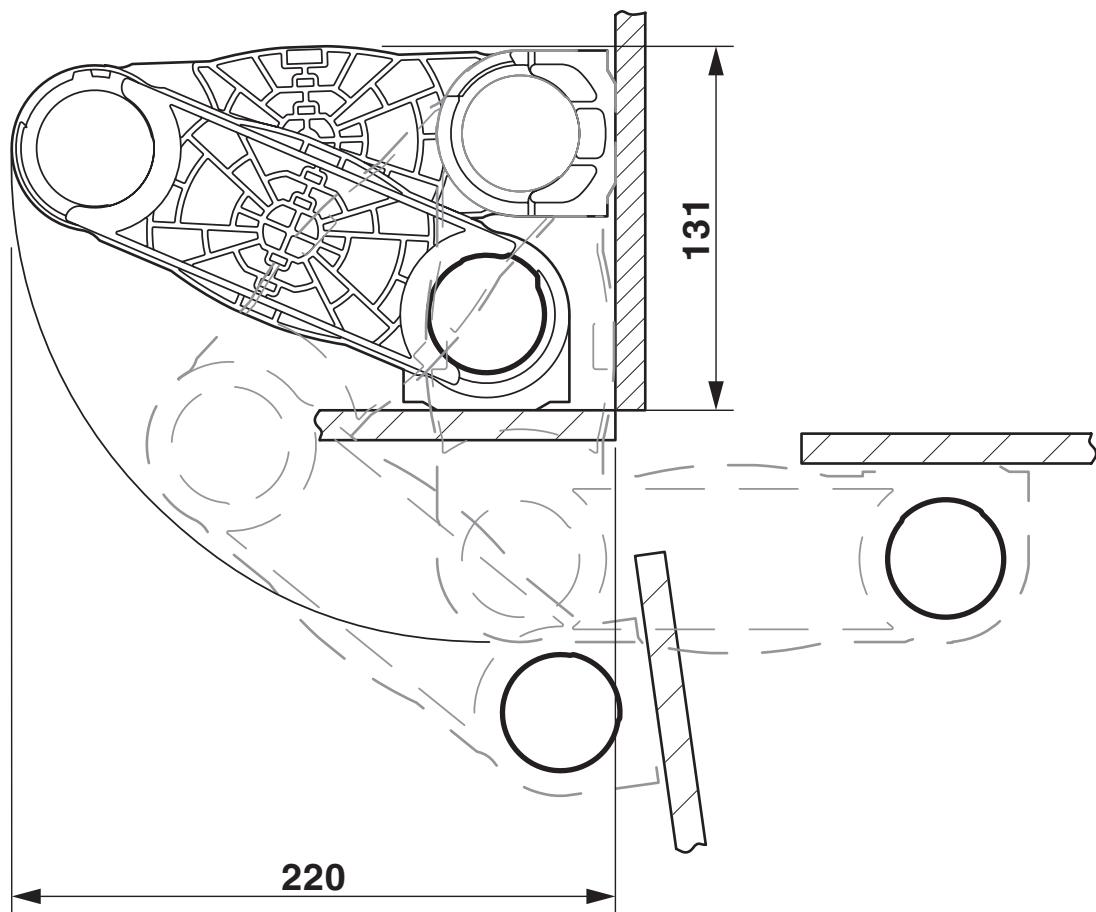
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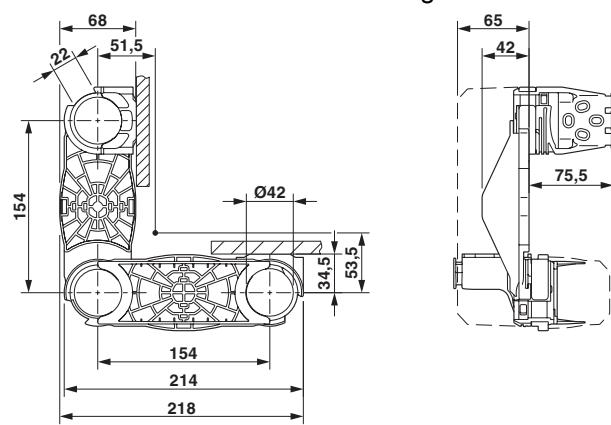
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Dimensional drawing



Dimensional drawing



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## Approvals

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



**VDE Zeichengenehmigung**

Approval ID: 40047466

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## Classifications

### ECLASS

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

### ETIM

ETIM 9.0	EC002620
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### UNSPSC

UNSPSC 21.0	39121700
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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### China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

### EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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## Accessories

### CGS-AH 50 SET - Cover

3071410

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

Cover, packed in pairs, depth: 54.5 mm, width: 63 mm, height: 214 mm, color: gray



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

3240744

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

Cable binders for quick and secure bundling, standard version



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

3240745

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Cable binders for quick and secure bundling, standard version

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

3240748

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Cable binders for quick and secure bundling, standard version

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

3240749

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Cable binders for quick and secure bundling, standard version

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

3240752

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



Cable binders for quick and secure bundling, standard version

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

3240753

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