

# CombiNorm-Compact



Detailed product information can be found on [www.bopla.de](http://www.bopla.de)



- 3 sizes
- 2 lid types
- Patented pre-mounted rail snap foot
- Matching connection terminals as accessories
- Comprehensive range of accessories

**Colour:**

Light grey, similar to RAL 7035; special colours on request

**Protection class:**

IP 40/DIN EN 60529; with air vents IP 30/DIN EN 60529; clamps IP 20/DIN EN 60529

**Enclosure material:**

PA 6.6-FR (UL 94 V0); for details see Technical Information

# The design of this DIN rail enclosure considerably reduces mounting work and time.



CN..GK with CN-DK: This combination requires the PCB to have a stepped profile. There is optimal access to the terminals of enclosures which are connected to each other.



CN..GK with CN-DU: This combination permits the use of a rectangular circuit board (minimisation of production costs).



CN..GU with CN-DU: Universal enclosure without pre-set terminal positions, permitting the use of larger connectors parallel to the circuit board.



CN..FP: Front panel (coded in its direction of insertion). Customer-specific front panels e.g. made of aluminium, are also available as alternatives.



CN..FK: Front flap – can be removed for operation of the components behind it.



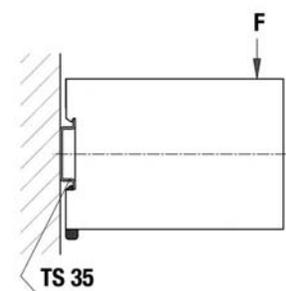
CN...FKG: Crystal-clear front flat which makes LEDs visible without additional processing.



PCB plug-in slot parallel to the front panel for the fitting of front operating elements etc.



Possible terminal insertion for the enclosures (suitable terminals as accessories): CN 19-4 x 2 poles, CN 22-4 x 3 poles, CN 26-4 x 3 poles.



Foot catch for rail fitting (factory-fitted); load capacity, F = static load max. 40 N

# CombiNorm-Compact | contoured for DIN rail acc. to DIN EN 60715 TH 35



## Enclosure shells

Model	Order no.	A	B	C	a1	a2
CN 19 GK	65019100	19	75	110,8	13	15
CN 22 GK	65022100	22,5	75	110,8	16,5	18,5
CN 26 GK	65026100	26	75	110,8	20	22

Scope of delivery: PU = 1 piece



## Enclosure shells with air vents

Model	Order no.	A	B	C	a1	a2
CN 19 GK-L	65019110	19	75	110,8	13	15
CN 22 GK-L	65022110	22,5	75	110,8	16,5	18,5
CN 26 GK-L	65026110	26	75	110,8	20	22

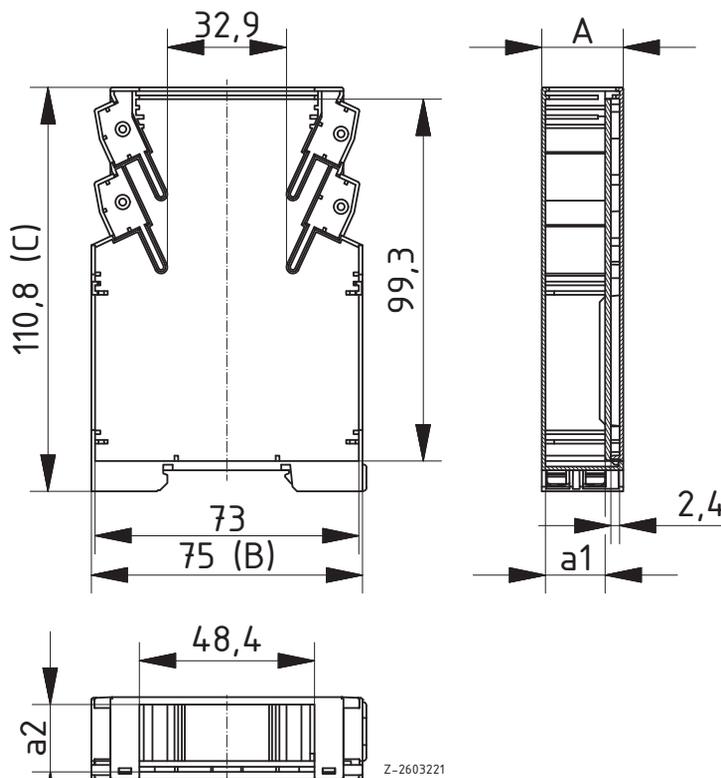
Scope of delivery: PU = 1 piece



## Contoured enclosure lid for CN..GK

Model	Order no.
CN-DK	65000200

Scope of delivery: PU = 1 piece



Z-2603221

\* = Available on request

# CombiNorm-Compact | for DIN rail acc. to DIN EN 60715 TH 35

## Enclosure shells

Model	Order no.	A	B	C	a1	a2
CN 19 GU	65019000	19	75	110,8	13	15
CN 22 GU	65022000	22,5	75	110,8	16,5	18,5
CN 26 GU	65026000	26	75	110,8	20	22

Scope of delivery: PU = 1 piece



## Enclosure shells with air vents

Model	Order no.	A	B	C	a1	a2
CN 19 GU-L	65019010*	19	75	110,8	13	15
CN 22 GU-L	65022010*	22,5	75	110,8	16,5	18,5
CN 26 GU-L	65026010*	26	75	110,8	20	22

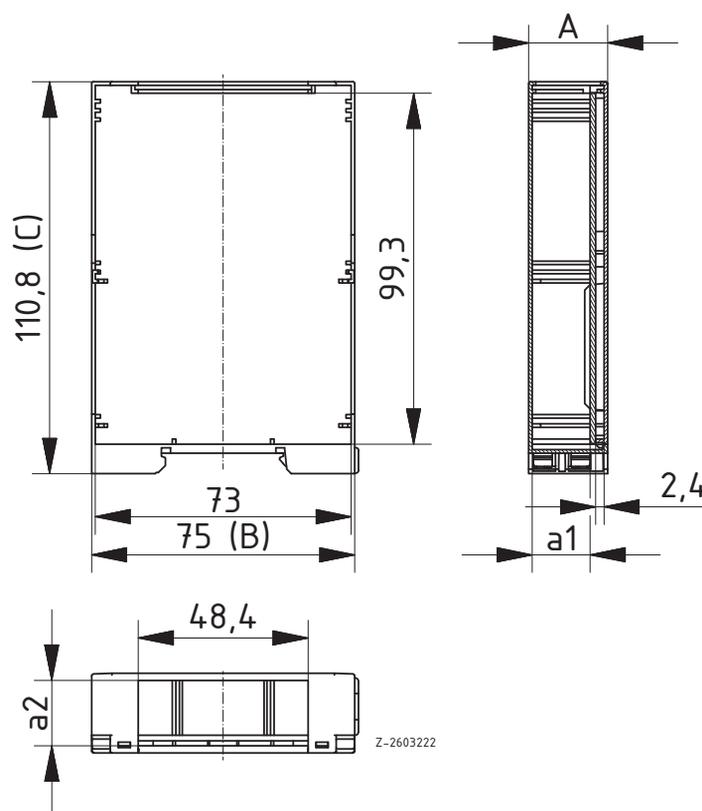
Scope of delivery: PU = 1 piece



## Universal enclosure lid for CN..GU and CN ..GK

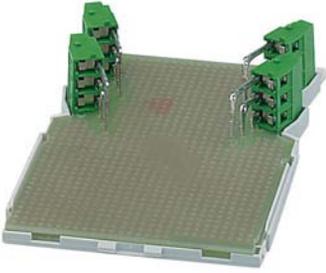
Model	Order no.
CN-DU	65000100

Scope of delivery: PU = 1 piece



For accessories, please see the end of the chapter

## CombiNorm-Compact | Connection terminals



### Connection terminals, 2 and 3 poles, IP 20

Model	Order no.	Note
AK 8191/2DL	66000052	2-pole, on left of component side (seen from front), PCB vertical
AK 8191/2DR	66000062	2-pole, on right of component side (seen from front), PCB vertical
AK 8191/3DL	66000072	3-pole, on left of component side (seen from front), PCB vertical
AK 8191/3DR	66000082	3-pole, on right of component side (seen from front), PCB vertical

Scope of delivery: 1 connection terminal

Rated cross-section:	2.5 mm <sup>2</sup>
Max. conductor cross-section:	single-wire (rigid) 0.2 – 4 mm <sup>2</sup> , fine-strand (flexible) 0.2 – 2.5 mm <sup>2</sup>
Rated current:	16 A
Rated voltage acc. to VDE 110/01.89:	250V/4KV/3 overvoltage category III 690V/4KV/2 overvoltage category II (max. 600 V for earthed equipment or expected overvoltage) 1000V/4KV/1 overvoltage category I
Dimensions:	Pitch 5.0 mm Drill hole Ø 1.3 mm Wire stripping length 6.5 mm
Colour:	Green, similar to RAL 6017
Materials:	Insulating material: PA, inflammability class UL 94 V0 Contact bow: tinned ETP copper Soldering pin: tinned ETP copper

# CombiNorm-Compact | Accessories

## Plug-in front panels, direction of insertion coded, PA 6.6-FR

Model	Order no.	Note
CN 19 FP	65019500	For CN 19
CN 22 FP	65022500	For CN 22
CN 26 FP	65026500	For CN 26

Scope of delivery: 1 front panel



## Front flaps, snap-on, PA 6.6-FR

Model	Order no.	Note
CN 19 FK	65019600	For CN 19
CN 22 FK	65022600	For CN 22
CN 26 FK	65026600	For CN 26

Scope of delivery: 1 front flap



## Front flaps, snap-on, crystal-clear, PC-FR

Model	Order no.	Note
CN 19 FKG	65019700	For CN 19
CN 22 FKG	65022700	For CN 22
CN 26 FKG	65026700	For CN 26

Scope of delivery: 1 front flap



## Marking plate for clipping onto upper and lower section of enclosure front, polycarbonate

Model	Order no.
CN-BZ	66000022

Scope of delivery: 1 marking plate



## Covers for unused terminal locations for CN..GK (L), PA 6.6-FR

Model	Order no.	Note
CN-BL 1	66000032	1-pole
CN-BL 2	66000042	2-pole

Scope of delivery: 1 cover



## Terminal identification strip, self-adhesive

Model	Order no.
AK-BS	66000100

Scope of delivery: Terminal identification strip AK-BS



## Wall adapter for all CombiNorm-Compact enclosures

Model	Order no.	Note
CN-WA	66000012	DIN rail DIN EN 60715 TH 35

Scope of delivery: 1 adapter

Note: For individual mounting on wall surfaces. Matches all types.

