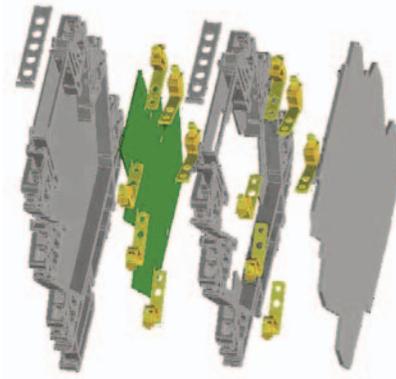


# Housing for custom applications CK series

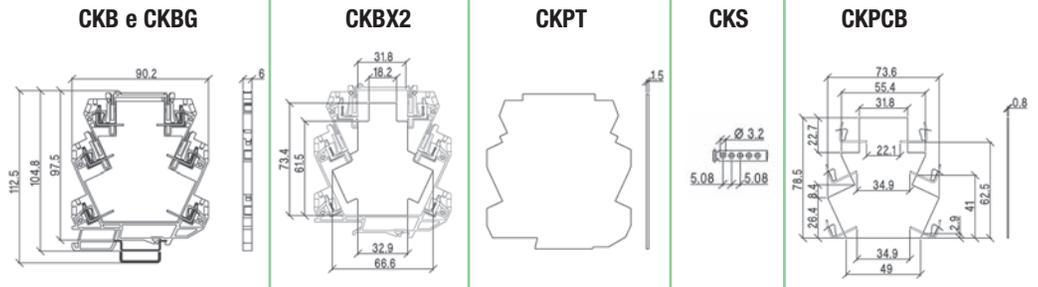
- 6 mm wide, expandable modules
- 6 spring-clamp 2,5 mm<sup>2</sup> / AWG 26 ÷ 14 terminal blocks
- Jumper insertion possibility on each of the 4 levels
- Hinged front cover access to the printed circuit board



## NOTES

- (1) 6 spring-clamp terminal blocks included with solder contact
- (2) In order to assure the IP20 protection degree, the last module must be protected and insulated using the CK/PT end section

## BLOCK DIAGRAM



## VERSIONS

- Standard base
- Base element with ground contact
- Expansion module
- End section
- Front hinge cover
- Printed circuit board

Item	Cat. No.
CKB (1)	XCKB
CKBG (1)	XCKBG
CKBX2 (1)	XCKX2
CK/PT	XCKPT
CK/S	XCKS
CK/PCB	8901028

## APPLICATIONS

With the CK series modular housings, Cabur offers a modular system that provides housings with increasing dimensions in width for simple components as diodes, resistors or more complex circuits with or without the support of a printed circuit board. For the composition of an housing the following items are necessary:

- a base support element, available in two versions: CKB and CKBG; the latter is provided with an electric metal contact on the DIN rail that allows to connect the internal circuit to the ground. Ground contact towards the DIN rail can carry an impulsive current value of 5 KA (8/20 peak). Both models have an external width of 6 mm and internal width of 5 mm; they are also equipped with 6 springclamp terminal blocks and 4 slots for the insertion of a jumper;
- one or more CKBX2 type expansion modules similar to the base support element, having therefore an external width of 6 mm and a central slot that allows the housing of the bulky components with a height exceeding the overall height of the base support element; the expansion module is also equipped with 6 spring-clamp terminal blocks and 4 slots for the insertion of a jumper;
- the CK/S front cover, granting access to the interior of the product, is also available. Once in open position it has such a dimension in order to guarantee a IPXXB degree of protection, even when it is not employed;
- in order to assure the IPXXB protection degree, the last module must be protected and insulated using the CK/PT end section;
- the CK/PCB printed circuit board is also available; it is useful in low volume custom applications where a special pcb is not designed and also where one requires a prototype without tooling a special printed circuit board.

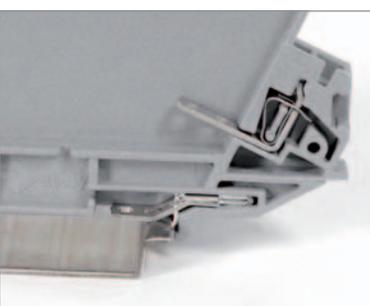
## GENERAL TECHNICAL DATA

Rated voltage of each terminal block	230 Vac/dc ± 10%
Rated current of each terminal block	≤ 24 A
Operating temperature	-40...+ 100°C
Protection degree (2)	IP20 IEC529 EN60529
Connection terminals	2.5 mm <sup>2</sup> , AWG26-14 spring type
Housing material	polyamide UL 94V0
Approx. weight	20 g (CKB, CKBG), 15 g (CKX2, CK/PT) 20 g (CK/PT), 1 g (CK/S), 5 g (CK/PCB)
Parallel bridge	<b>PTC/CK/42</b> Cat. No. PTCCK42 (42 poli)
Marking tags	<b>CNU/8/030</b> Cat. No. NU0851
Mounting information	on rail

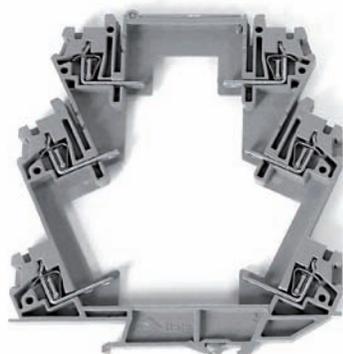
## MOUNTING ACCESSORIES

Mounting rail type according to IEC60715/TH35-7.5	<b>PR/3/AC, PR/3/AC/ZB, PR/3/AS, PR/3/AS/ZB</b>
Mounting rail type according to IEC60715/G32	—
Jumper bridge	red white blue

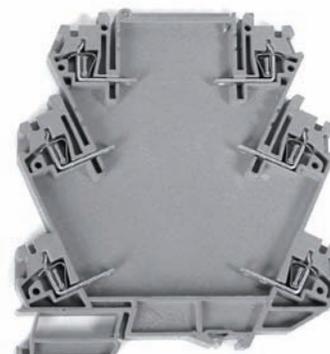
Ground contact on CKBG



CKBX2



CKB



CK/PCB

