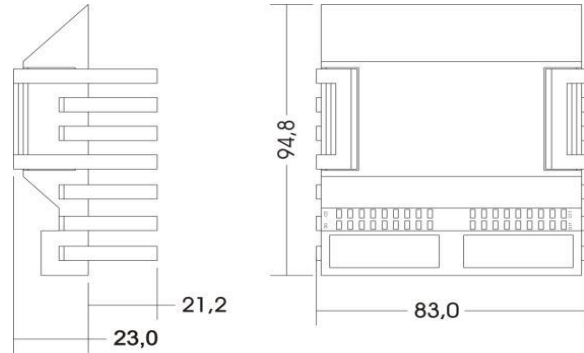


combo control

Data sheet combo extension CE100




symbolic illustration



• 16 digital In- and 16 digital Outputs



Specification	
Interface	1 x combo-extension
Order-No.:	23301.0003
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Environment/ mechanical values	
Protection class	IP20, acc.EN 60529
Mounting	Plug-in mounting on combo master or slave
Outside dimensions in mm (w x h x d)	ca. 83 x 95 x 23
Weight app.	100g
Operating temperature	0 °C...50 °C
Storage temperature	-20°C... 70°C
Relative humidity for operation	10%...85% non-condensing
Relative humidity for storage	5%...85% non-condensing
Diagnostic	
LED's	LEDs for operating- and status reports; LED Power; LED status I/O
Digital Inputs	
Number	16
Input voltage	24 VDC without galvanically isolation
Frequency max.	100 Hz
Over voltage	43 V
Dissipation loss	0,2 watt per input
Digital Outputs	
Number	16
Output voltage	24 VDC without galvanically isolation
Output current	0,5 A
Total current (per DIN)	max. 5 A (at 50% ED)
Ohmic load	10 W
Switching frequency Ohm/inductive	10 kHz
Short circuit - / therm. protection	Current limiting 0,7 A per channel/ 150°C fuse, 5 A for total voltage
Reverse polarity	yes
Cable length	600 m (unshielded), 1000 m (shielded)

Dissipation		0,2 Watt per output	
Connection of the digital inputs and outputs		2 x socket and plug 18-pole, contact spacing 3,5 mm, conductor crosssection up to 0,2 ... 1,0 mm ² , 5 A Weidmüller : B2CF 3.50/18	
Normen			
Product standard	EN61131-2	Programmable controllers - Part 2: Equipment requirements and tests (IEC 61131-2:2007); German version EN 61131-2:2007	
Immunity and interference	EN61000-6-2	Electromagnetic compatibility (EMC) - Part 6-2: Generic standards - Emission standard for industrial environments (IEC 61000-6-2:2005); German version EN 61000-6-2:2005	
	EN61000-6-4	Electromagnetic compatibility (EMC) - Part 6-4: Generic standards - Emission standard for industrial environments (IEC 61000-6-4:2006 + A1:2010); German version EN 61000-6-4:2007 + A1:2011	
Environment audit	EN60068-2-6	Environmental influences - part 2-6: Test procedure - test Fc: Schwingen (sinusoidal) (IEC 60068-2-6:2007); German version EN 60068-2-6:2008	
	EN60068-2-27	Environmental influences - Part 2-27: Test procedure - Test Ea and Guidance: Schocken (IEC 60068-2-27:2008); German version EN 60068-2-27:2009	
Applications			
in many industries such as plastics, medical- and automation technology			

Illustrations, descriptions, dimensions and specifications correspond to the circumstances or intentions at the time of printing this brochure. Changes of any kind, especially those resulting from technological progress, economic performance or a similar will be without notice. The external interconnection of equipment will be on your own responsibility

*Remark: The use of standard memory card (e.g. CF-cards is generally possible. Anyhow elrest GmbH does not take any responsibility thereby.

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