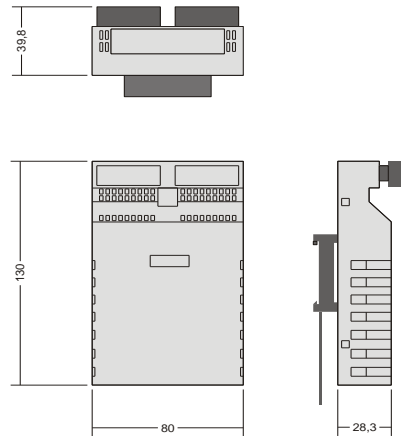


# combo control

## Data sheet combo slave CS100



symbolic illustration




### • 16 digital In-and 16 digital Outputs

Specification	
Processor	Infineon XC167
Software	
	CANopen Slave- Stack
Interface	
Field bus interface	1 x CAN acc. ISO 11898 with galvanically isolation (2 x RJ45)
Extension	1 x combo-extension
Order-No.:	
23200.0000	combo - CS100
Environment/ mechanical values	
Supply voltage	24 VDC (-15% / +20%) SELV with reverse polarity
Protection class	IP20, acc. EN 60529
Mounting	snap-in mounting on top-hat rail DIN50022
Outside dimensions in mm (w x h x d)	approx. 80 x 130 x 28,5
Weight app.	200 g
Betriebstemperatur	0 °C...50 °C
Lagertemperatur	-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, EN61131-2 Typ 3
Frequency voltage	100 Hz
Over voltage	43 V
Dissipation loss	0,2 watt per input
Connection of digital inputs	1 x socket and plug. 18-pole; contact spacing 3,5 mm, conductor crosssection up to 0,2 ... 1,0 mm <sup>2</sup> , 5 A Weidmüller : B2L 3.50/18

# combo control

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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 digital in-and outputs	2 x socket and plug 18-pole; contact spacing 3,5 mm, conductor crosssection up to 0,2 ... 1,0 mm <sup>2</sup> , 5 A Weidmüller : B2L 3.50/18

Standards	
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

Accessories	
240020501	CAN/ESB terminating resistor for combo control, green
240020205	RJ45/RJ45, 0,3 m, green
240020204	RJ45/RJ45, 2,0 m, green

Anwendungen	
	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

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