

combo control slave CS1xx



Compact combo slave I/O module, connectable to combo master modules and visio control panels

- Up to 32 digital I/O- signals or 16 digital und 8 analogue I/O-signals within one module
- Expandable by
 - pluggable combo CE extension modules
 - combo CS slave modules
- ESB communication interface

Specifications

Interface	ESB , combo extension
Diagnostic	LEDs for operating and status messages; LED Power; LED Status I/O

Digital input

Input voltage	24 V _{DC}
Frequency max.	1000 Hz
Overvoltage	43V
Dissipation loss typ.	0,2 watt per channel

Digital output

Output voltage	24 V _{DC} / 0,5 A
Total current (acc. to. DIN)	max. 5 A (with 50 % duty ratio)
Resistive load	10W
Switching frequency ohm / induktive	100 Hz / 0,5 Hz / step motor control max. 10 kHz
Short circuit / thermal protection	Current limiting typ. 0,7 A per channel / 150°C, 5A fuse for total current
Reverse battery protection	included
Wire length max.	600m (unshielded), 1000m (shielded)
Dissipation loss typ.	0,2 Watt per channel

Analogue input

Working range	Refer to table
A/D converter	12 Bit
Measurement categories	Current, voltage, temperature (PT100)
Sensor type	2-wire
Processing time per channel	10 ms

Analogue output

D/A converter	12 Bit
Voltage	0 – 10V, optional -10 – +10 V _{DC}

General	
EMC examinations	EN61000-6-2, EN61000-6-4
Housing	IP20
Mounting	Snap-fit on top hat rail DIN50022
Outside dimension in mm (W x H x D)	80 x 130 x 28,5
Weight approx.	100 g
Operating temperature	0° to 50°C

Working range			
measure	type	range	
Voltage		0...10V	
Current		0...20 mA	
Temperature	PT100	-30 ... 500°C	

Note: Do not separate plugs under load!

Overview: combo slave modules

	DIN/DOUT alternatively	DIN	DOUT	AIN 0-10 V / 0-20 mA, Pt100	AOUT 0-10 V	AOUT -10 V / + 10 V (Axis)	DMS	CF-Card
CS100	-	16	16	-	-	-	-	-
CS101	32	-	-	-	-	-	-	-
CS110	16	-	-	4	4	-	-	-
CS111	16	-	-	4	-	4	-	-

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