

## notion.IO.ethercat-slave\_56dio\_2ssi

OrderNo.:795-10003-02  
29.1.2024 / 0

### Technical data

Model	notion.IO CATIO
Interfaces	56 digital in/out, 2 SSI
Signal voltage dig. in	High 11-24VDC
Signal voltage dig. in	Low 0-5VDC
Output current dig. out	0,5A contin. current per Dout
Output current dig. out	2,5A short-circuit current min
Grouping dig. out	IOn0 - IOn3
Grouping dig. out	IOn4 - IOn7
Dynamic dig. in	High: ca. 80us intern
Dynamic dig. in	Low: ca. 180us intern
Dynamic dig. in	Pay attention to the bus cycle
Dynamic dig. in	with Sync1
Dynamic dig. out	High: ca. 160us intern
Dynamic dig. out	Low: ca. 650us intern
Dynamic dig. out	Pay attention to the bus cycle
Dynamic dig. out	unloaded
Dynamic dig. out	with Sync0
Self-protection device	overvoltage protection
Self-protection device	reverse polarity protection
Self-protection device	thermal overload
Error message	LED
Error message	SPS IO
Error message	maskable
SSI voltage level	SSI In 5V optocoupler
SSI voltage level	SSI Out 5V differential
SSI signal frequency	1MHz max.
SSI signal frequency	20us break
SSI signal frequency	pay attention to cable length
SSI mode	*specify when ordering
SSI mode	SSI Device*
SSI mode	SSI Master*
SSI synchronization	SSI to DC Mode
SSI synchronization	SSI0 with SSI1
SSI configuration	SPS
EtherCAT	100MBit LAN
EtherCAT mode	Distributed clock mode
EtherCAT mode	Station alias: rotary switch
EtherCAT mode	Sync0 + Sync1
EtherCAT mode	Sync0: update outputs
EtherCAT mode	Sync1: update inputs
EtherCAT cycle	min. 750us
Options	3*HEX-rotary switch 16 steps
Firmwareupdate	EtherCAT

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WEEE-Reg. No. DE 11414956

#### Subject to changes

TRsystems GmbH  
Eglishalde 16  
78647 Trossingen  
Phone: +49 (0) 7425 228-0  
info@trsystems.de

[www.trsystems.de](http://www.trsystems.de)

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### Technical data continuation

Galvanic isolation	VIOx to VIOy
Galvanic isolation	VLogic to VIOxy
Connector	FK-MCP 1,5/n-STF-3,81
Operating voltage	24VDC +/-20% IO
Operating voltage	24VDC +/-20% Logic
Temperature range	0°...45°C
Cooling system	passive (fanless)
Dimension	214*128*65mm
Front color	blue anodized aluminum
Housing color	aluminum natural
Design type	aluminum casing
Labeling	abrasion resistant
Labeling	laser marking
Housing assembly	DIN rail
Protection type	IP20
Certificate	CE compliant

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