

	VIA MAESTRI DEL LAVORO,30 (ZONA INDUSTRIALE) 56021 CASCINA (PI) ITALY CAPITALE SOCIALE 100.000,00 € C.F. E P.I. 01252870504	 +39 050 711131  +39 050 711472  isacsrl@isacsrl.it  http://www.isacsrl.it/
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OPRIODOM00

Digital Output Board

Reduced Data sheet

Version: 1

Date: 27.01.2026

Overview



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Part Number

Code

Code	Description
OPRIODOM00	AlphaRIO 16 PMP Digital Output Module + 4 Commons

Product status

Item	Value
Status	In production: suitable for new application
In production from:	March 2019
In production at least until:	Dec 2028

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Technical data summary

Power requirements	
Input Power	Powered by internal bus
BUS Power Consumption	30mA
Internal Bus	
Protocol	I-BUS
Digital Input	
Number of channels	16
Common lines	4 (1 common every 4 outings)
Max current per channel	500 mA
Max current per quatrain	2°
Output type	PNP
Environment	
Operating temperature	0 ... 50 °C
Storage Temperature	-10 ... 70 °C [The environment during transportation and storage must be dry and free from dust]
Humidity	Up to 90% without condensation
Overall Dimension	Approx. 108.5mm (H) x 18mm (W) x 80mm (D)
Weight	110 gr.
Protection Class	IP20
Mounting	Standard 35mm DIN rail
Hardware Diagnostics	
Output Status	Orange LED
Software Diagnostic	
GND	Earth connection presence
Temperature	High temperature detection
Load	Open Load detection Over current detection Short circuit to GND detection Short circuit to VCOM detection
Common Voltage	No power detection
Installation and Weight	

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Installation	DIN rail 35mm standard EN 60715
Weight	110 gr.

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Certifications

Certification	Description
CE	EU Declaration of Conformity: EMC Directive 2014/30/UE Standards used: EN 61000-6-2:2019 EN 61000-6-4:2019
UL	Compliant with UL 61010-1, UL 61010-2-210 SAFETY SU-CA: E543724
RoHS	Declaration of Conformity: RoHS Directive 2011/65/EU
Origin	Italy
CRA	Yes (pending)

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Layout and dimension

Height	108.5 mm
Width	18 mm
Depth	80 mm

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Reference documents

Full technical data sheet: OPRIODOM00