

BlueLinQ DO-8 module (CA 821)

BlueLinQ DO-8 is an output expansion module for the BlueLinQ Pro concept and does not work stand alone.






BlueLinQ DO-8 allows for connection of up to 8 digital outputs. The digital outputs are externally powered in 2 groups of 4 outputs, with each output having a max. load of 1 A (4 A total for all outputs).

The unit is connected to the system via a field bus. The field bus connection is achieved by means of a back-plane DIN rail solution, which is also used to power the individual modules.



Technical specifications

Description

Ambient operating temperature	-20 to +50 °C (-4 to +122 °F)	
Ambient storage temperature	-30 to +80 °C (-22 to +176 °F)	
Mounting	DIN rail 35 mm (1.378 inch)	
Degree of protection	IP20	
Housing material	Polyamide, UL 94 V-0	
Dimension W x H x D	17.6 x 99 x 113.65 mm (3.90 x 0.69 x 4.74 inch)	
Humidity	0-95 % RH non-condensing	
Power and Field Bus connection	Back-Plane DIN Rail connection	
Power supply	10-30 VDC, Device is supplied by Class 2, SELV, Limited Energy Source.	
Power consumption	<1 W	
Installation category	CAT I	
Pollution degree	2	
Number of channels	8 (2 groups of 4 externally powered channels)	
Channels power supply	10-30 VDC, Device is supplied by Class 2, SELV, Limited Energy Source.	
Output voltage level	10-30 VDC (externally supplied by channel power supply)	
Output load	Maximum 1 A per channel, sourcing only. Maximum 4 A for all outputs	
Power/Bus connectivity indicator	Dual color LED: Steady red = Offline. Flashing red = Comms error. Steady green = Connected. Flashing Green = Waiting to connect.	
Channel indicator	LED state	Off On
	Channel state	Low High
Max. Altitude	2000 m (6560 ft)	
Compliance	    	

[sulzer.com](https://www.sulzer.com)

BlueLinQ DO-8 module (CA 821) en 04.2024, Copyright © Sulzer Ltd 2024

This data sheet is a general product presentation. It does not provide a warranty or guarantee of any kind. Please contact us for a description of the warranties and guarantees offered with our products. Directions for use and safety will be given separately. All information herein is subject to change without notice.