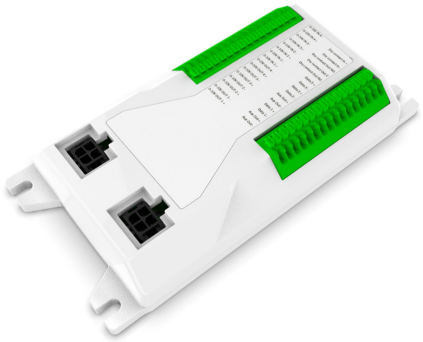
DATASHEET

CoreSync Interface Module ›

The CoreSync Interface Module allows a wide selection of non-CoreSync controllers to be part of the CoreSync ecosystem by enabling two-way communication with CoreSync control software.



The Interface Module provides connection with 0-10V inputs (source) as well as 0-10V outputs (sinks), dry contact input and output, three independent RS485 connections, and a 24V, 1A supply output.

CoreSync daisy chaining technology is also included, allowing for more than one interface module to connect to the same CoreSync PoE Gateway.

FEATURES AND ADVANTAGES

CoreSync enabled	Uses low voltage PoE infrastructure for power and communication
Up to four 0-10V inputs	Integrate up to 4 individual 0-10 dimmers
Up to four 0-10V outputs	Integrate up to 4 individual channels for 0-10V LED control
Dry Contact input	Input senses a dry contact input signal from a general sensor / relay; seamless integration of third party low voltage devices
Dry Contact output	Drives a low voltage external relay
Up to 3 individual RS485 channels	Provides two ways to communicate with other third party connected products over RS485
24V supply output	Provides auxiliary power to external low voltage devices (24 watts max.)
NFPA (NEC, Life Safety Code) IBC	Compliant with important building safety requirements

SPECIFICATIONS

Commercial Standards

UL 60730-1
IEC 60730
IEC 60929 Annex E
UKCA, CE, BIS

Mechanical

Operating Temperature:
0° C to +30° C (32°F to 86°F)

Power Source:
PoE
Enclosure:
ABS plastic, plenum rated

Electrical

0-10V Input Source Current:
2mA each channel

0-10V Sink Current:
50mA each channel
Dry Contact Input:
Sources 3.3V, 1mA
Dry Contact Output:
Relay Switches 30VDC, 1A
24V Supply:
24V up to 1A

ORDERING INFORMATION

Order No.	Description
182135-1001	CoreSync Interface Module

www.molexces.com/products/coresync/

Order No. DS-1821351001 SK/2024.04