

Product name	DIN DIMMER 6 EXTENSION MODULE
Product ID	CH-CDN-DM6-110
Product version	V1.1.0

Product features

To be mounted on DIN rail
 CAN port
 6 dimmable outputs (max. 4A per channel, total max. 10A)



The product photo is an illustration.

Parameter	Condition	Value			Unit
		Min	Typical	Max	
Supply voltage		15	24	30	V
Current consumption	without high current output	12,5		100	mA
High current input					
Input voltage		110	230	250	V rms
Input max load				4	A
Dimmed output					
Output voltage		110	230	250	V rms
Controlled max. load	by channel			1	A
Controlled max. load	total			4	A

Connector label		Function
Top row		
+24V		power supply
GND		ground
CANH		CAN bus
CANL		
INPUT	N	230Vac input (zero)
	L	230Vac input (phase)
Bottom row		
CHANNEL 1	OUT	Dimmer 1 output (current-control)
	OUT	
CHANNEL 2	OUT	Dimmer 2 output (current-control)
	OUT	
CHANNEL 3	OUT	Dimmer 3 output (current-control)
	OUT	
CHANNEL 4	OUT	Dimmer 4 output (current-control)
	OUT	
CHANNEL 5	OUT	Dimmer 5 output (current-control)
	OUT	
CHANNEL 6	OUT	Dimmer 6 output (current-control)
	OUT	

Status LED	Indication
red blink	No connection
green flash	CAN communication

Environmental parameters	
Safety rating	IP 20
Temperature resistance	0-40 °C

Logistics information	
Weight	176 g
EAN	5999572900410
Dimensions (incl. connectors)	114 x 62 x 108 mm



CISPR 24 /IEC 61000-4-3/ 2006-09
 CISPR 24 /IEC 61000-4-6/ 2014-05
 CISPR 32 2015-11
 IEC 62368-1:2014 2014-08
 EN 505812013-02

Warnings precautions

According to the electrical parameters indicated on the module's technical datasheet, it is necessary to provide it with appropriate protective fuse or circuit breaker!

The installation must be carried out by a qualified electrician in accordance with the relevant regulations, which must be followed based on the electrical sizing and the technical datasheet!

If multiple modules are installed above each other, the minimum distance between rows should be 50 mm!

When installing multiple modules, they should be placed next to each other, not above each other!

The ventilation openings must be kept clear!

The airflow around the module must not be obstructed!

No other heat source should be installed below the module!

Before installation, please study the Electrical installation guide!



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