

DIN SHUTTER 5 EXTENSION MODULE

CH-CDN-SH5-113

Product features:

To be mounted on DIN rail
CAN port
5x2 shutter motor control outputs
(max. 10A per channel)



Parameter	Condition	Value			Unit
		Min	Typical	Max	
Power supply		15,0	24,0	30,0	V
Power uptake		12,5		200,0	mA
Relay output					
Connected voltage	DC		30,0	300,0	V
	AC		250,0	440,0	V
Max load				10,0	A
Control-contact lining	50/60Hz, 1 min.		5 000,0		Vac
Contact lining			1 000,0		Vac
Operating time				15,0	ms
Release speed				5,0	ms
Switching frequency				4,0	Hz
Electrical service life	12 A at 250 VAC (cosφ=1), 1s ON, 9s OFF.	100 000			switch
Mechanical service life		20 000 000			switch

Connection layout			Function
Top row			
+24V			Power supply
GND			Ground
CAN+			CAN bus High
CAN-			CAN bus Low
SHUTTER 1	↑	COM	Shutter 1, up direction, input
		NO	Shutter 1, up direction, output (switched)
	↓	COM	Shutter 1, down direction, input
		NO	Shutter 1, down direction, output (switched)
SHUTTER 2	↑	COM	Shutter 2, up direction, input
		NO	Shutter 2, up direction, output (switched)
	↓	COM	Shutter 2, down direction, input
		NO	Shutter 2, down direction, output (switched)
Bottom row			
SHUTTER 3	↑	COM	Shutter 3, up direction, input
		NO	Shutter 3, up direction, output (switched)
	↓	COM	Shutter 3, down direction, input
		NO	Shutter 3, down direction, output (switched)
SHUTTER 4	↑	COM	Shutter 4, up direction, input
		NO	Shutter 4, up direction, output (switched)
	↓	COM	Shutter 4, down direction, input
		NO	Shutter 4, down direction, output (switched)
SHUTTER 5	↑	COM	Shutter 5, up direction, input
		NO	Shutter 5, up direction, output (switched)
	↓	COM	Shutter 5, down direction, input
		NO	Shutter 5, down direction, output (switched)

Status LED	Indication
red blink	Normal operation
green flash	CAN communication

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

Logistic data	
Weight	280 g
EAN	5999572900052
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 50581/2013-02

Before installation, please study the
Chameleon Electrical installation guide!



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Dimensions and Connection Diagram

