

DIN RELAY 10 EXTENSION MODULE

CH003

v1.1

Product features:

- To be mounted on DIN rail
- CAN port
- 10 relay 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		250,0	mA
Relay output					
Connected voltage	DC		30,0	300,0	V
	AC		250,0	440,0	V
Max load			10,0	12,0	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

Connector layout		Function
+24V		power
GND		ground
CAN+		CAN bus H
CAN-		CAN bus L
10A RELAY 1-10	NO	Relay1 Output (switched)
	COM	Relay1 input (phase)

Status LED	Indication
red blink	No connection
green flash	CAN communication

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



CISPR 24 /IEC 61000-4-3/2006-09
CISPR 24 /IEC 61000-4-6/2014-05
CISPR 322015-11
IEC 62368-1:20142014-08
EN 505812013-02

Before installation, please study the
Chameleon Electrical installation guide!



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Dimensions and Connection Diagram

