

Murrelektronik Inc. | 1327 Northbrook Parkway, Suite 460 | Suwanee, GA 30024 | Fon +1 770 497-9292 | Fax +1 770 497-9391 | shop@murrinc.com | shop.murrinc.com

ECLASS-12.0	27371802
ECLASS-13.0	27371802
ECLASS-14.0	27371802
ETIM-5.0	EC001440
ETIM-6.0	EC001440
ETIM-7.0	EC001440
ETIM-8.0	EC001440
customs tariff number	85363010
EAN	4048879552745
Packaging unit	1

Electrical data | Supply

Total current max.	40 A
--------------------	------

Electrical data | Input

Input voltage DC min.	9 V
Input voltage DC max.	30 V
Input voltage 1 DC	12 V
Input voltage 2 DC	24 V
Total current bridge set max.	40 A
ON input voltage control inputs min.	9 V
ON input voltage control inputs max.	30 V
CTRL signal	ON/OFF
CTRL input voltage control inputs high min.	9 V
CTRL input voltage control inputs high max.	30 V
ON pulse length control inputs high min.	120 ms

Electrical data | Output

Number of output channels	4
Triggering current DC full load per channel	10 A
Tolerance trigger current min.	0 %
Tolerance trigger current max.	15 %
Switch-on capacity max.	30 mF

Installation

Connection cross-section static min.	0.2 mm ²
Connection cross section static max.	2.5 mm ²
Connection cross-section dynamic min.	0.2 mm ²
Connection cross section dynamic max.	4 mm ²
AWG number static min.	14
AWG number static max.	24
AWG number dynamic min.	12
AWG number dynamic max.	24

Installation | Connection

Connection	Bridge system
------------	---------------

Device protection | Electrical

Degree of protection (EN IEC 60529)	IP20
-------------------------------------	------

Mechanical data | Mounting data

Height	130 mm
Width	24 mm
Depth	114 mm
Mounting method	geschnappt
Suitable for mounting type	Mounting rail TH35, (EN 60715)

Environmental characteristics | Climatic

Operating temperature min.	-25 °C
----------------------------	--------

Operating temperature max.	55 °C
Storage temperature min.	-40 °C
Storage temperature max.	80 °C

Connection type 10

Family construction form	Bridging Contact
No. of poles	1
Gender	female
Color contact carrier	black
PIN 1	UB In + 24 V DC
Family construction form	Bridging Contact
No. of poles	1
Gender	female
Color contact carrier	black
PIN 1	0 V
Family construction form	Bridging Contact
No. of poles	4
Gender	female
Color contact carrier	black
PIN 1	On
PIN 2	Ctrl
PIN 3	Alarm
PIN 4	0.9
Family construction form	Bridging Contact
No. of poles	4
Gender	male
Color contact carrier	black
PIN 1	On
PIN 2	Ctrl
PIN 3	Alarm
PIN 4	0.9
Family construction form	terminal
No. of poles	4
Gender	female
Color contact carrier	green
Connection	Spring clamp terminals FK
PIN 1	Alarm 1
PIN 2	Alarm 2
PIN 3	Alarm 3
PIN 4	Alarm 4
Family construction form	terminal
No. of poles	4
Gender	female
Color contact carrier	green
Connection	Spring clamp terminals FK
PIN 1	Out 1
PIN 2	Out 2
PIN 3	Out 3
PIN 4	Out 4
Family construction form	terminal
No. of poles	4
Gender	female
Color contact carrier	green
Connection	Spring clamp terminals FK
PIN 1	0 V 1

PIN 2	1 V 2
PIN 3	2 V 3
PIN 4	3 V 4
Family construction form	terminal
No. of poles	4
Gender	female
Color contact carrier	green
Connection	Spring clamp terminals FK
PIN 1	90% 1
PIN 2	90% 2
PIN 3	90% 3
PIN 4	90% 4
Family construction form	terminal
No. of poles	4
Gender	female
Color contact carrier	green
Connection	Spring clamp terminals FK
PIN 1	On 1
PIN 2	On 2
PIN 3	On 3
PIN 4	On 4
Family construction form	terminal
No. of poles	4
Gender	female
Color contact carrier	green
Connection	Spring clamp terminals FK
PIN 1	Ctrl 1
PIN 2	Ctrl 2
PIN 3	Ctrl 3
PIN 4	Ctrl 4