

AMS 10-43/5 OPTO-COUPLER MODULE

N: 53 VDC - OUT: 53 VDC / 4 A

Art.No.: 50044

Weight: 0.100 kg

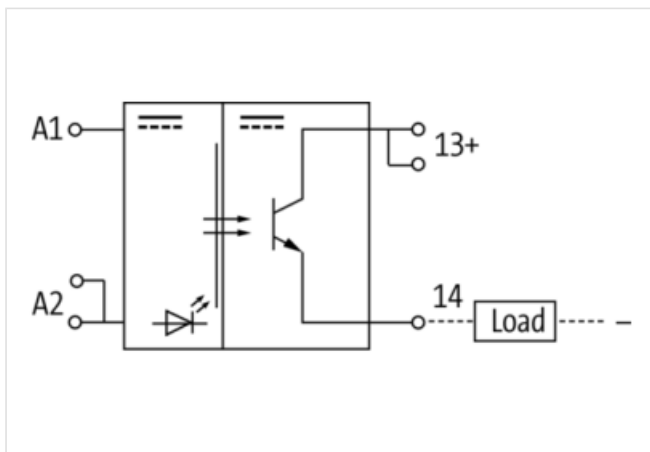
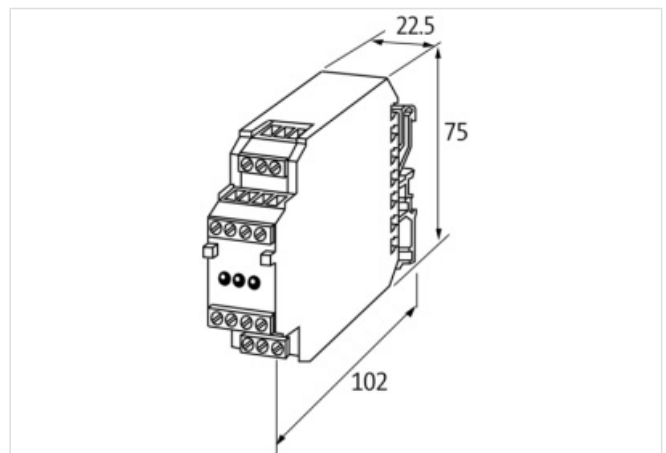
Country of origin: CZ

Model designation: AMS 10-43/5

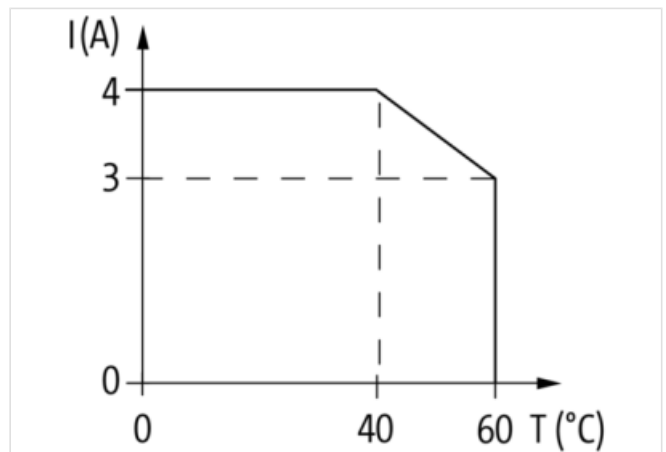
Transistor 4 A

24 V DC

Control voltage 230 V AC on request

[Link to Product](#)**Illustration**

Product may differ from Image

**Commercial data**

URL Webshop	https://shop.murrelektronik.com/50044
GTIN	4048879028028
Customs tariff number	85414900
ECLASS-6.0	27371604

The information in this Product-PDF has been compiled with the utmost care.

Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2026-07-15

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ECLASS-6.1	27371604
ECLASS-7.0	27371604
ECLASS-7.1	27371604
ECLASS-8.0	27371604
ECLASS-8.1	27371604
ECLASS-9.0	27371604
ECLASS-9.1	27371604
ECLASS-10.0.1	27371604
ECLASS-10.1	27371604
ECLASS-11.0	27371604
ECLASS-11.1	27371604
ECLASS-12.0	27371604
ECLASS-13.0	27371604
ECLASS-14.0	27371604
ETIM-5.0	EC001504
ETIM-6.0	EC001504
ETIM-7.0	EC001504
ETIM-8.0	EC001504
customs tariff number	85414900
EAN	4048879028028
Packaging unit	1

Electrical data | Input

Input voltage DC min.	10 V
Input voltage DC max.	53 V
Input voltage OFF DC min.	0 V
Input voltage OFF DC max.	3 V
Input current	14,5 mA

Electrical data | Output

Voltage drop DC max.	1,5 V
Switch on delay max.	4 µs
Switch off delay max.	7 µs
Voltage switching DC min.	4,5 V
Switching voltage DC max.	53 V
Switching current min.	10 mA
Switching current max.	4 A
Switching frequency ohmic max.	2.000 Hz
Switching frequency inductive max.	1 Hz

Diagnostics

Status indication LED	red
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Device protection | Electrical

Rated insulation voltage	3.750 V
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Device protection | Media

Flame resistance	flame retardant
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Mechanical data | Material data

housing	Plastic
Color housing	black

Mechanical data | Mounting data

Height	75 mm
Width	22,5 mm
Depth	85 mm
Mounting method	geschnappt

Suitable for mounting type Mounting rail TH35, (EN 60715), G32

Environmental characteristics | Climatic

Operating temperature min. -20 °C

Operating temperature max. 60 °C

Connection type 2

Connection type 1 ~3

Connection type 2 RES

Family construction form terminal

No. of poles 4

Gender female

Connection Screw terminals SK

PIN 1 14

PIN 2 13

PIN 3 13

Family construction form terminal

No. of poles 4

Gender female

Connection Screw terminals SK

PIN 1 A 1

PIN 2 A 2

PIN 3 A 2