

**AMMS 10-44/1 OPTO-COUPLER MODULE**

IN: 53 VDC - OUT: 53 VDC / 1,2 A

Art.No.: 50040

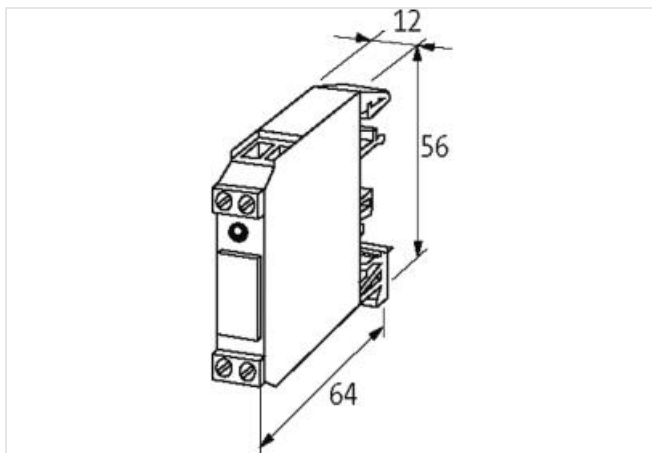
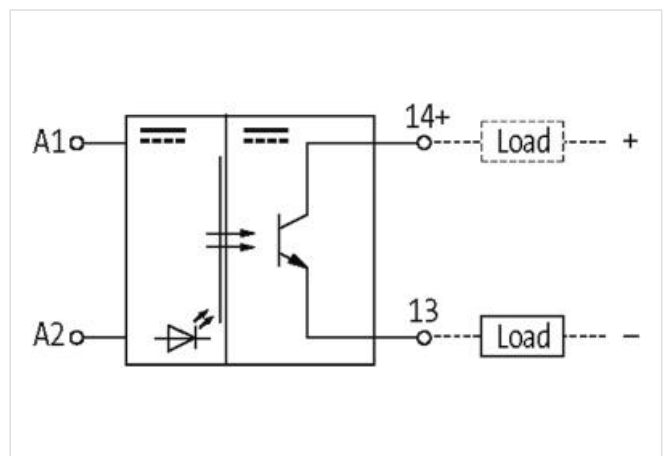
Weight: 0.028

Country of origin: CZ

Model designation: AMMS 10-44/1

Transistor 1.2 A

24 V DC

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

Product may differ from Image

**Commercial data**

|            |          |
|------------|----------|
| ECLASS-6.0 | 27371604 |
| ECLASS-6.1 | 27371604 |
| ECLASS-7.0 | 27371604 |
| ECLASS-8.0 | 27371604 |

|                       |               |
|-----------------------|---------------|
| ECLASS-9.0            | 27371604      |
| ECLASS-10.1           | 27371604      |
| ECLASS-11.1           | 27371604      |
| ECLASS-12.0           | 27371604      |
| ETIM-5.0              | EC001504      |
| ETIM-6.0              | EC001504      |
| ETIM-7.0              | EC001504      |
| ETIM-8.0              | EC001504      |
| customs tariff number | 85414900      |
| customs tariff number | 85414900      |
| GTIN                  | 4048879028059 |
| GTIN                  | 4048879028059 |
| Packaging unit        | 1             |
| 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             | 6 mA |

#### Electrical data | Output

|                                    |        |
|------------------------------------|--------|
| Switch off delay max.              | 700 µs |
| Switch on delay max.               | 100 µs |
| Quiescent current OFF max.         | 0,3 mA |
| Switching frequency inductive max. | 30 Hz  |
| Switching frequency ohmic max.     | 500 Hz |
| Voltage switching DC min.          | 4,5 V  |
| Switching voltage DC max.          | 53 V   |
| Switching current min.             | 1 mA   |
| Switching current max.             | 1,2 A  |
| Voltage drop DC max.               | 1,2 V  |

#### Diagnostics

|                       |     |
|-----------------------|-----|
| Status indication LED | red |
|-----------------------|-----|

#### Device protection | Electrical

|                          |        |
|--------------------------|--------|
| Rated insulation voltage | 3750 V |
|--------------------------|--------|

#### Device protection | Media

|                  |                 |
|------------------|-----------------|
| Flame resistance | flame retardant |
|------------------|-----------------|

#### Mechanical data | Material data

|                  |         |
|------------------|---------|
| Material housing | Plastic |
| Color housing    | black   |

#### Mechanical data | Mounting data

|                            |                                     |
|----------------------------|-------------------------------------|
| Mounting method            | geschnappt                          |
| Suitable for mounting type | Mounting rail TH35, G32, (EN 60715) |
| Height                     | 56 mm                               |
| Width                      | 12 mm                               |
| Depth                      | 64 mm                               |

#### Environmental characteristics | Climatic

|                            |        |
|----------------------------|--------|
| Operating temperature min. | -20 °C |
| Operating temperature max. | 60 °C  |

#### Connection type 2

|                   |       |
|-------------------|-------|
| Connection type 1 | Input |
|-------------------|-------|

| Connection type 2        | Output             |
|--------------------------|--------------------|
| Connection               | Screw terminals SK |
| Family construction form | terminal           |
| Gender                   | female             |
| No. of poles             | 2                  |
| PIN 1                    | A 1                |
| PIN 2                    | A 2                |
| Connection               | Screw terminals SK |
| Family construction form | terminal           |
| Gender                   | female             |
| No. of poles             | 2                  |
| PIN 1                    | 13                 |
| PIN 2                    | + 14               |