

ААМ, ВАМ

Технические характеристики

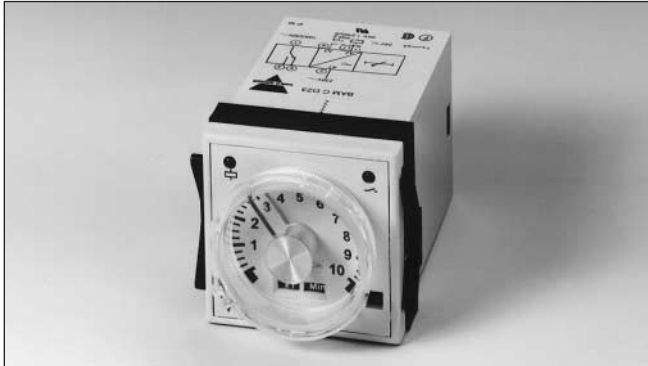
По вопросам продаж и поддержки обращайтесь:

| | | | |
|-----------------------------|---------------------------------|--------------------------------|---------------------------|
| Алматы (7273)495-231 | Казань (843)206-01-48 | Новокузнецк (3843)20-46-81 | Смоленск (4812)29-41-54 |
| Архангельск (8182)63-90-72 | Калининград (4012)72-03-81 | Новосибирск (383)227-86-73 | Сочи (862)225-72-31 |
| Астрахань (8512)99-46-04 | Калуга (4842)92-23-67 | Омск (3812)21-46-40 | Ставрополь (8652)20-65-13 |
| Барнаул (3852)73-04-60 | Кемерово (3842)65-04-62 | Орел (4862)44-53-42 | Сургут (3462)77-98-35 |
| Белгород (4722)40-23-64 | Киров (8332)68-02-04 | Оренбург (3532)37-68-04 | Тверь (4822)63-31-35 |
| Брянск (4832)59-03-52 | Краснодар (861)203-40-90 | Пенза (8412)22-31-16 | Томск (3822)98-41-53 |
| Владивосток (423)249-28-31 | Красноярск (391)204-63-61 | Пермь (342)205-81-47 | Тула (4872)74-02-29 |
| Волгоград (844)278-03-48 | Курск (4712)77-13-04 | Ростов-на-Дону (863)308-18-15 | Тюмень (3452)66-21-18 |
| Вологда (8172)26-41-59 | Липецк (4742)52-20-81 | Рязань (4912)46-61-64 | Ульяновск (8422)24-23-59 |
| Воронеж (473)204-51-73 | Магнитогорск (3519)55-03-13 | Самара (846)206-03-16 | Уфа (347)229-48-12 |
| Екатеринбург (343)384-55-89 | Москва (495)268-04-70 | Санкт-Петербург (812)309-46-40 | Хабаровск (4212)92-98-04 |
| Иваново (4932)77-34-06 | Мурманск (8152)59-64-93 | Саратов (845)249-38-78 | Челябинск (351)202-03-61 |
| Ижевск (3412)26-03-58 | Набережные Челны (8552)20-53-41 | Севастополь (8692)22-31-93 | Череповец (8202)49-02-64 |
| Иркутск (395)279-98-46 | Нижний Новгород (831)429-08-12 | Симферополь (3652)67-13-56 | Ярославль (4852)69-52-93 |
| Россия (495)268-04-70 | Киргизия (996)312-96-26-47 | Казахстан (7172)727-132 | |

Timers

Delay on Operate

Types AAM, BAM



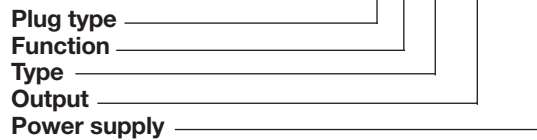
- 6 selectable time ranges: 0.1 s to 10 h
- Knob-adjustable time setting
- Switch selection of time range
- 8- or 11-pin circular plug
- Output: 8 A SPDT
- LED-indications for relay and power supply ON
- 48 x 48 mm housing

Product Description

Mono-function, plug-in, delay on operate time relay. Adjustable time range from 0.1 s to 10 h divided into 6 individual ranges. Easy frontpanel mounting if necessary. Often used to prevent overloading the power distribution system, when e.g. pumps or motors should not be switched on at the same time.

Ordering Key

AAM C D23



Type Selection

| Plug | Output | Time range | Power supply | Ordering no. |
|--------|--------|--------------|-----------------------|------------------|
| 11-pin | SPDT | 0.1 s - 10 h | 24 VAC/DC & 48 VAC/DC | AAM C D48 |
| 11-pin | SPDT | 0.1 s - 10 h | 24 VAC/DC & 115 VAC | AAM C D11 |
| 11-pin | SPDT | 0.1 s - 10 h | 24 VAC/DC & 230 VAC | AAM C D23 |
| 8-pin | SPDT | 0.1 s - 10 h | 24 VAC/DC & 48 VAC/DC | BAM C D48 |
| 8-pin | SPDT | 0.1 s - 10 h | 24 VAC/DC & 115 VAC | BAM C D11 |
| 8-pin | SPDT | 0.1 s - 10 h | 24 VAC/DC & 230 VAC | BAM C D23 |

Time Specifications

| | |
|--|--|
| Time ranges Selectable by 2 switches | |
| Range | Sec., min., hrs. |
| Scale | x 0.1 or x 1 |
| Time range accuracy | ±10% |
| Repeat accuracy At constant parameters Within ambient temperature | ± 0.2% ± 1.5% |
| Reset After timing During timing | Power supply interruption ≥ 50 ms ≥ 100 ms |

Output Specifications

| | |
|--|---|
| Output | SPDT relay |
| Rated insulation voltage | 250 VAC |
| Contact ratings (AgCdO) Resistive loads AC 1 | μ (micro gap) 8 A, 250 VAC |
| Mechanical life | ≥ 2 x 10 ⁷ operations |
| Electrical life | ≥ 2 x 10 ⁵ operations (at 5 A, 250 VAC) |
| Operating frequency | ≤ 600 operations/h (at max. load) |

Supply Specifications

| | |
|--|-------------------------------------|
| Power supply Rated operational voltage through pins 2 & 10 (AAM) or pins 2 & 7 (BAM) | (IEC 38) |
| | D48 48 VAC/DC & 24 VAC/DC, -15/+15% |
| | D11 115 VAC & 24 VAC/DC, -15/+10% |
| | D23 230 VAC & 24 VAC/DC, -15/+15% |
| Frequency | 50/60 Hz |
| Rated operational power | 7 VA @ 220 VAC |

General Specifications

| | |
|--|--|
| Indication for Power supply ON Output ON | LED, green LED, red |
| Environment Degree of protection Operating temperature Storage temperature | IP 50 -20° to +60°C (-4° to +140°F) -25° to +70°C (-13° to +158°F) |
| Housing material | ABS, grey |
| Weight | 100 g |
| Approvals | UL |
| CE Marking | Yes |

Mode of Operation

The delay period begins when power supply is applied and the green LED is ON.

At the end of the timing period, the relay operates and the red LED is ON - the load is activated.

To reset the output relay the power supply must be interrupted for at least 100 ms (du-

ring timing) or 50 ms when the timing period has elapsed.

Time Setting

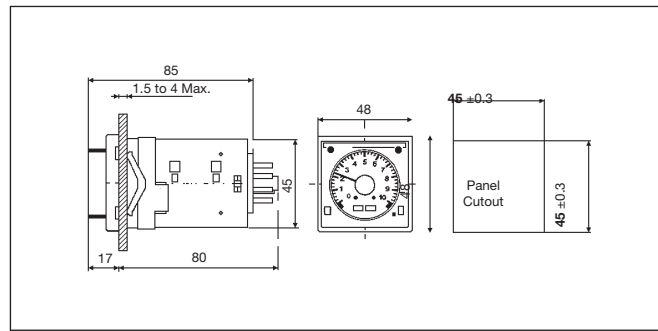
Selection and adjustment of time ranges

Left switch:
2-position switch
(x 0.1, x 1).

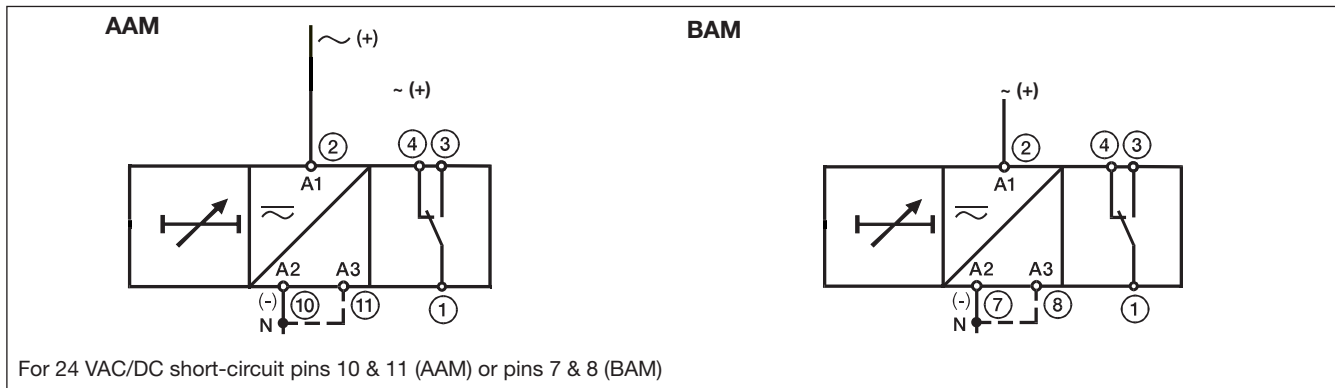
Right switch:
3-position switch
(sec., min., hrs.).

Centre knob:
Relative scale 1-10.

Dimensions



Wiring Diagrams



Operation Diagram



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