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INFO REQUEST

Webmaster


RESULT OF YOUR SEARCH

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Selling points of the range :

- Solid state output
- Panel-mounted pushbutton-type timer
- Function A delay on energisation
- 10 timing ranges : 0.05 s to 60 min
- Supply 24 V DC and 110 → 240 V DC AC 50 → 60 Hz
- Fast adjustment of timing period on PLCs (compatible with IEC1131)
- IP 65



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Specifications

| | |
|---|---|
| Functions | A |
| Time ranges | 0,5 s → 10 s |
| Output | State |
| Supply voltage | 24 V DC |
| Nominal rating | 200 mA |
| Drift Voltage | +/- 0,2%/V |
| Material housing | |
| Display accuracy | ± 5% |
| Voltage drop at terminals | MBA2F : ⚡ 5 V AC MBA3F : ⚡ 3 V DC |
| Protection against polarity inversions | - |
| Display of output state by LED : output in operation | - |
| Varistor protection against overvoltage | - |
| Conformity to standards VDE 0435 / ICE 255 / ICE 1131 / ICE 801 4 | - |
| Protection class according to NFC C 20010-IEC 529-DIN 40050 Panel-mounted | IP65 |
| Protection class according to NFC C 20010 - IEC 529 - DIN 40050 Terminal | IP10 |
| Terminal screws | M3 |
| Leakage current | MBA2F : ⚡ 5 mA AC MBA3F : ⚡ 0,1 mA DC |
| Tightening torque (Nm) | 0,5 Nm |
| Ripple | ± 10% |
| Dielectric strength (Vrms) | 1500 V / 50 Hz / 1 min |
| Temperature limits stored (°C) | -20 → +80 |
| Drift Temperature | +/- 0,05%/°C |
| Maximum reset time by de-energisation MBA2F after timing | 60 ms |
| Maximum reset time by de-energisation MIN BOU after timing | 5 ms |
| Maximum reset time by de-energisation MBA2F after timing | 30 ms |
| Nominal rating | MBA2F: 400 mA at 200C (derating 5 mA/°C) MBA3F: 200 mA at 20 °C (derating 1.5 mA/°C) |
| Electrical life (number of operations) | > 10 ⁸ |
| Repetition accuracy (with constant parameters) | +/-0,2% |
| Protection against load short circuits | - |
| Terminal capacity Single-wire | 1 x 4 mm ² |
| Terminal capacity Multi-wire with ferrule | 1 x 2,5 mm ² |
| Weight (g) | 27 |
| Temperatures limits use (°C) | -20 → +60 |
| Maximum reset time by de-energisation MIN BOU during timed | 7 ms |

| | |
|---|------|
| delay | Time |
| Display of output state by LED : Power on | - |
| Solid state open collector PNP output | - |

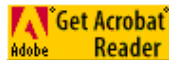
Products in the same range

MBA2F

| Functions | Time ranges | Output | Supply voltage | Nominal rating |
|-----------|------------------|--------|-------------------|----------------|
| A | 0,1 s → 1 s | state | 100 → 240 V AC/DC | 400 mA |
| A | 0,5 s → 10 s | state | 100 → 240 V AC/DC | 400 mA |
| A | 3 s → 60 s | state | 100 → 240 V AC/DC | 400 mA |
| A | 0,5 min → 10 min | state | 100 → 240 V AC/DC | 400 mA |
| A | 3 min → 60 min | state | 100 → 240 V AC/DC | 400 mA |

MIN BOU

| Functions | Time ranges | Output | Supply voltage | Nominal rating |
|-----------|------------------|--------|----------------|----------------|
| A | 0,1 s → 1 s | State | 24 V DC | 200 mA |
| A | 0,5 s → 10 s | State | 24 V DC | 200 mA |
| A | 3 s → 60 s | State | 24 V DC | 200 mA |
| A | 0,5 min → 10 min | State | 24 V DC | 200 mA |
| A | 3 min → 60 min | State | 24 V DC | 200 mA |



The product pages of the Crouzet catalogue are in Adobe Acrobat (PDF) format.
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