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**BT series**  
**TIMER BTMF-Z**

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 16  
 D-32758 Detmold  
 Germany  
 Fon: +49 5231 14-0  
 Fax: +49 5231 14-292083  
 www.weidmueller.com



The BTMF timing relay has 5 different timing functions. These are set via a rotary switch on the front. The delay and pulse times are selectable between 0.1sec. and 1 hour.

The timing relay is built into an Insta enclosure just 17.5 mm wide.

On the output side there is a relay contact with a switching capacity of 250 V/ 5 A.

**General ordering data**

Order No.	<a href="#">8647690000</a>
Type	TIMER BTMF-Z
Version	BT series, Timing relay, No. of contacts: 1, CO contact, AgNi 90/10, Rated control voltage: 24...230 V AC, 24...48 V DC, Continuous current: 5 A, Tension clamp connection
GTIN (EAN)	4032248308897
Qty.	10 pc(s).

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**Technical data**
**Ratings**

Conductor connection system	Tension clamp connection	Humidity	35...85 % rel. humidity, no condensation
UL 94 flammability rating	V-2		

**Dimensions and weights**

Width	17.5 mm	Height	80 mm
Depth	73 mm	Net weight	71.9 g

**Temperatures**

Operating temperature	-10 °C...+55 °C	Storage temperature	-25 °C...+65 °C
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**Input**

Rated control voltage	24...230 V AC, 24...48 V DC	Power rating	≤ 0.4 VA, 1.6 W
Time ranges	0.10 s - 120 h	Repeat accuracy	± 1 %

**Output**

Max. switching voltage, AC	250 V	Continuous current	5 A
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**Contact specifications**

No. of contacts	1	Contact design	CO contact
Contact material	AgNi 90/10	Mechanical service life	10 <sup>7</sup> switching cycles (no load, 1800/h)
Electrical service life, DC coil	10 <sup>5</sup> switching cycles (5A at 250 Vac, ohm load at 1800/h)	Contact resistance	100 MΩ min., at 500 V DC

**Insulation coordination**

Protection degree	IP 30 // terminals IP 20
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**Other technical data**

Version	Timing relay
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**Further details of approvals / standards**

Certificate No. (UR)	E223474OMR	Standards	UL508
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**Rated data UL**

Certificate No. (UR)	E223474OMR
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**Classifications**

ETIM 2.0	EC001439	ETIM 3.0	EC001439
UNSPSC	30-21-19-17	eClass 4.1	27-14-23-10
eClass 5.1	27-14-23-10	eClass 6.0	27-14-23-10
eClass 7.0	27-14-23-10		

**Data sheet...**

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**Technical data**

**Approvals**

Approvals



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