



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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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.	8647690000
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 ⁷ switching cycles (no load, 1800/h)
Electrical service life, DC coil	10 ⁵ 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		

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Data sheet...

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Technical data

Approvals

Approvals



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