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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 BTDS-S**
**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 16

D-32758 Detmold

Germany

Fon: +49 5231 14-0

Fax: +49 5231 14-292083

www.weidmueller.com



BTDS installation timing relays for star/delta switchover in machine applications.

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

The relay contact is designed as a changeover contact with 250 V/5 A switching capacity.

**General ordering data**

Order No.	<a href="#">8647660000</a>
Type	TIMER BTDS-S
Version	BT series, Timing relay, No. of contacts: 2, NO contact, AgNi 90/10, Rated control voltage: 24...230 V AC, 24...48 V DC, Continuous current: 5 A, Screw connection
GTIN (EAN)	4032248308866
Qty.	1 pc(s).

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**Technical data**
**Ratings**

Conductor connection system	Screw 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	80 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	2	Contact design	NO 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



**Downloads**

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