



32 07102B00

32 07302B01

LEAN COLLECTION

Compact single-phase rectifiers

These compact half-wave and bridge rectifiers are ideal for installation in space restricted connection boxes of brake motors. They can be delivered with flying leads or terminals for connection. Various accessories are available for different installation conditions.

Technical specifications

Type	Rectification	Rated input voltage (max.) U_1 / VAC (+10%)	Output voltage U_2 / VDC	Max. output current I / ADC	Possible DC side switching	Installation	Connection
32 07102B00	half-wave	500	$U_2 = 0.445 \cdot U_1$	1.0	no	screws, accessories	flying leads, AWG20, 0.5 mm ²
32 07102B01			screws, accessories, clip				
32 07103B00			screws, accessories				
32 07103B01	bridge	500	$U_2 = 0.890 \cdot U_1$	2.0	no	screws, accessories, clip	terminals, 1.0 mm ²
32 07302B00			screws, accessories				
32 07302B01	half-wave	500	$U_2 = 0.445 \cdot U_1$	1.0	no	screws, accessories, clip	terminals, 1.0 mm ²
32 07303B00	bridge		$U_2 = 0.890 \cdot U_1$	2.0		screws, accessories	
32 07303B01	bridge	500	$U_2 = 0.890 \cdot U_1$	2.0	no	screws, accessories, clip	terminals, 1.0 mm ²
32 07312B00	half-wave		415	$U_2 = 0.445 \cdot U_1$		1.0	
32 07312B01	half-wave	415	$U_2 = 0.445 \cdot U_1$	1.0	screws, accessories, clip		
32 07313B03	bridge		240	$U_2 = 0.890 \cdot U_1$	1.0	screws, accessories	
32 07313B04		bridge		screws, accessories, clip			

CE

EMC Directive 2004/108/EEC:
Compliance with the following standards is confirmed:
EN 50081-2 (Emission):
EN 55011 (VDE 0875, part 11, 1992)
Group 1, Class A conducted interference
Group 1, Class B radiated interference
EN 61000-6-2 (Immunity):
EN 61000-4-3 (1997) severity level 3
EN 61000-4-4 (1996) severity level 3
EN 61000-4-5 (1996) severity level 3
Low Voltage Directive 2006/95/EEC:
Compliance with the following standards is confirmed:
HD 625.1S1 (1996), (VDE 0110) insulation coordination, EN 60529 (1991) IP 54 external mounting
Machinery Directive 2006/42/EC: These products are considered components in the sense of Machinery Directive

2006/42/EC and must not be put into service until the machinery in which they are incorporated has been declared in conformity with the provisions of the EC Directives.

ROHS

The specified products comply with Directive 2002/95/EC (ROHS).

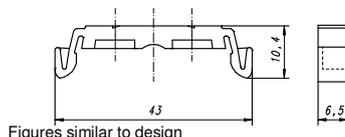
WEEE

The specified products are not intended for sale to end users. Manufacturers and users who incorporate the specified products into equipment and systems subject to Directive 2002/96/EC are not allowed to place them on the market unless they are declared to conform to the requirements of the EC Directives. The products are identified with the disposal symbol required under the Directive.

Accessories

Mounting rail clip: 32 07322A00103

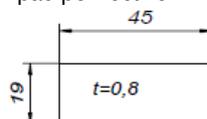
Set of mounting clips for 35 mm mounting rails to EN 50022.
1 set per rectifier



Figures similar to design

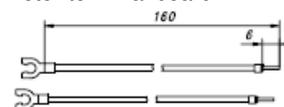
Adhesive pad: 32 07322A00104

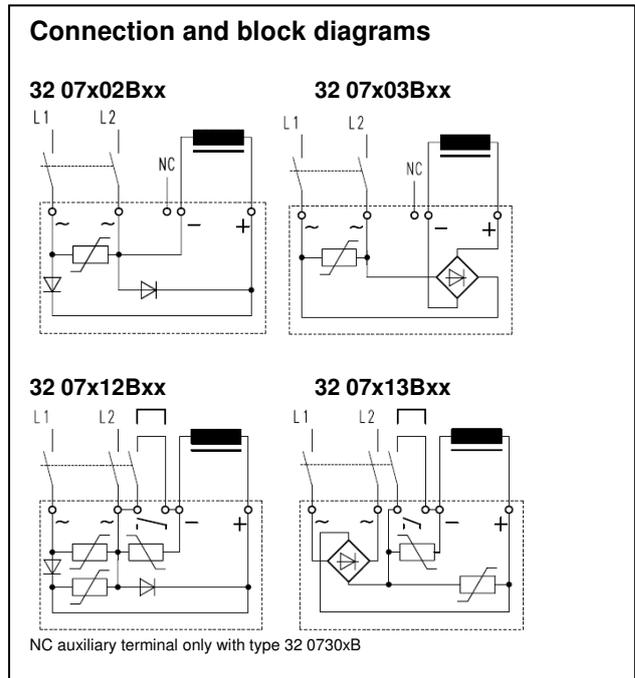
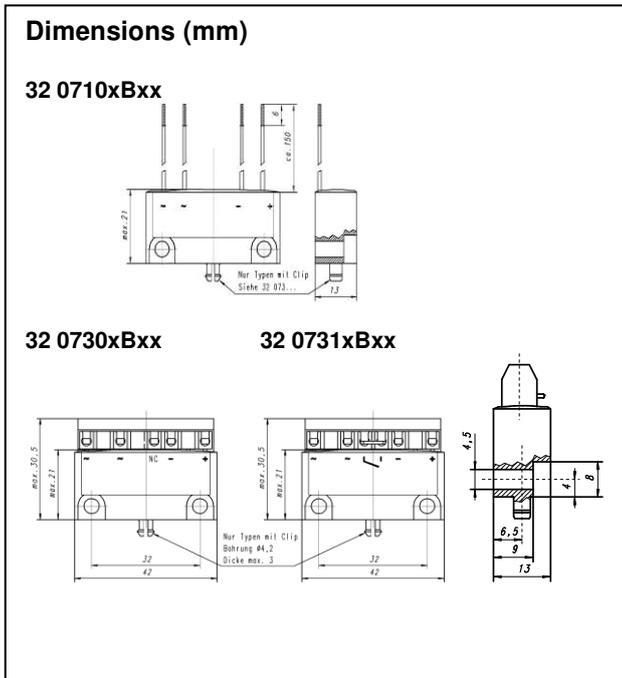
Double-sided adhesive tape for installation on smooth surfaces.
Dimensions 45 x 20 x 1mm³.
1 pad per rectifier



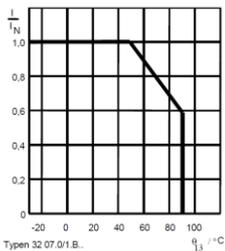
Flying leads: 32 17221A03004

Set of 2 flying leads with self-retaining fork cable lug M4, preferably for rectifier connection to motor terminal board.





Max. current load



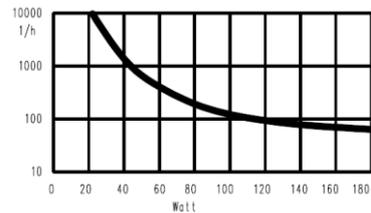
Ambient temperature

-25 to 50°C for rated load (up to 90°C with reduced load)

DC side switching

Specifications apply to types 32 07312B.. and 32 07313B.. with resistive/inductive load (KENDRION brakes series 76 431..H..)

Max. no. of switching operations:



Load max. 180 W
Disconnection voltage max. 700 V

Protection:

IP 00 to EN 60529

**Subject to change without notice.
Please observe ordering data!**

