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ITEM # TSBSB10, TSBSB SHOCK RELAY FOR OVERLOAD PROTECTION

TSBSB Shock Relay series – Overload protection has built-in reset button, test button, fail-safe contacts with manual and automatic reset feature

TSBSB Shock Relay senses the problem before downtime, maintenance, and equipment damage occur, saving you time and money. Install it on a line, set the overload parameters, and Shock Relay takes care of the rest. If an overload is detected, the Shock Relay can send a warning or shut down the line – quick and reliably.

more

Specifications

Motor HP 230 VAC	2 to 3 hp
Motor HP 460 VAC	3 to 5 hp
Operation Power	24 to 240 V AC/DC +/- 10%, 50/60 Hz
Maximum Motor Voltage	600 VAC at 50/60 Hz

Load Current Setting Range	1 to 12 A
Trip Output Relay Status - Energized/Fail Safe to Open	Manual Setting
Trip Output Relay Status - Energized/Fail Safe Close	Automatic Setting
Trip Output Relay Contact Rating	3A Load
Start Time Setting Range	0.2 to 10 s
Shock Time Setting Range	0.2 to 5 s
Allow. Input Voltage Fluctuation (Full Scale)	10 %
Output Contact	3A/250 VAC, Resistive
Test Button	Yes
Test Function	Built In
Withstanding Voltage	2000 VAC, 5 mA at 60 Hz for 1 min. between terminal and enclosure
Weight	0.440 lb 0.20 kg
Shock Relay Power Supply	90 to 240 VAC
Power Consumption (or less)	2 W
Operating Temperature Range	-4 to 140 ºF -20 to 60 ºC
Max. Elevation	2000 m 6500 ft
Operating Humidity	45 to 85% R.H. with no condensation
Atmosphere	Free of corrosive gas and dust. Pollution degree 3 or below when installed in control box
Protection Rating	IP20
	Material Upper Housing - PA6

Construction Material	Material Lower Housing - PA66 Terminal Cover - PA6
Certifications	CE Marking - Europe RoHS Compliant CCC - China UL/cUL - North America
Mounting	35 mm DIN Rail or Mounting Plate
Storage Temperature Range	-22 to 158 ºF -30 to 70 ºC