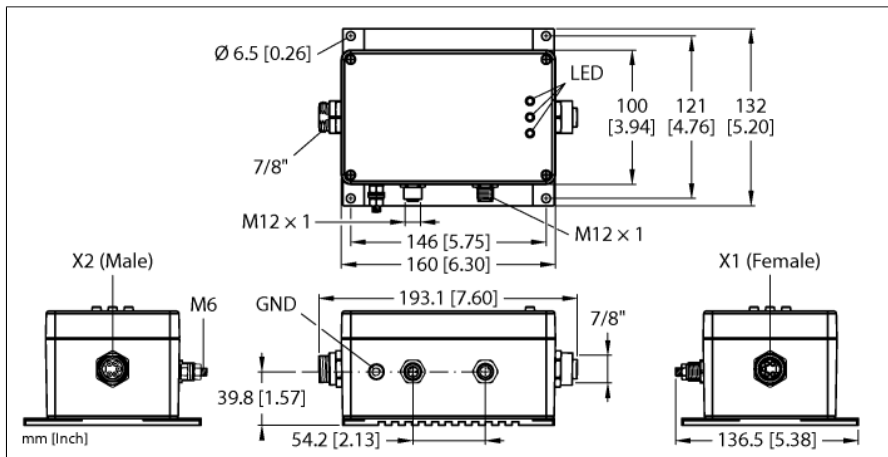


Safety Technology

Switch Box for Disconnecting the Actuator Voltage V2

TBSB-L5-CS09



- Die-cast aluminum housing
- 7/8" males, 5-pin, for power supply
- Electromechanical switch-off box
- Voltage V2 disconnected by external safety module via M12 input
- Feedback circuit for monitoring by external safety module via M12 output
- Disconnection up to PLe in accordance with EN ISO 13849-1 possible

Type	TBSB-L5-CS09
ID	100002112
Supply	
Supply voltage	24 VDC
Admissible range	19.2...27.6 VDC
System power supply	24 VDC
Voltage supply connection	7/8", 5-pin
Switching current	9 A
Electrical isolation	Galvanic isolation of the voltage groups V1 and V2; voltage resistant up to 500 VDC
Power dissipation, typical	≤ 5 W

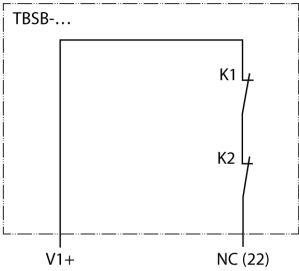
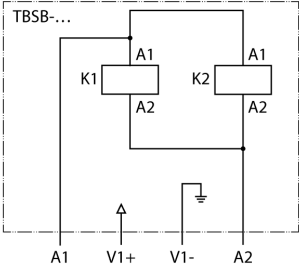
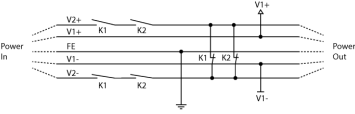
Safety Data	
	B10d = 300.000 cycles contactor with nominal load conforming to EN/ISO 13849-1
PL acc. to EN ISO 13849-1	Level e
Category acc. to DIN EN 13849-1:2008	4
DC acc. to ISO 13849-1:2008	0-99
SIL acc. to IEC 61508	3
Useful Lifetime	20 years
Max. power on time	3600 cyc/h

Connectivity inputs	M12, 5-pin
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Connectivity outputs	M12, 5-pin
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Standard/Directive conformity	
Directive	2006/42/EC Machine Directive 2014/30/EC EMC Directive 2014/35/EC Low Voltage Directive
Shock test	acc. to EN 60068-2-27
Drop and topple	acc. to IEC 60068-2-31/IEC 60068-2-32

General Information	
Ambient temperature	-25...+40 °C
Storage temperature	-25...+50 °C
Altitude	Max. 2000 m
Protection class	IP65
Housing material	Die-cast aluminum housing
Material screw	303 stainless steel
Ground label material	Aluminum
Halogen-free	yes
Mounting	Bolted die-cast aluminum housing

	Note EDM — feedback circuit	
	Note ES — switch-off circuit for connecting a secure switch-off signal	
	Note Operation of the switch-off box, power unit	
	Note Pin assignment for 7/8" power supply	