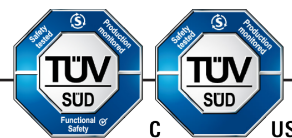


## Operating Instructions: Blue Independently Wired Change Over Switch



Core Elements

Description	TSZ
<ul style="list-style-type: none"> <li>Restart switch operating on 1 Normally Open (N/O) and 1 Normally Closed (N/C).</li> <li>For safety relay reset.</li> <li>Works on own separate dual safety circuit.</li> <li>Safety circuit 1 opens on button depression.</li> </ul> <p>Location:</p> <ul style="list-style-type: none"> <li>Highest control element after E-Stop's.</li> </ul>	<p><b>Laser Engraving Information</b> Engraving for each button is 2 lines of 8 characters.</p>

Technical Specifications	
Housing Materials	Painted die cast aluminium
Colour	Dark Grey
Ingress Protection	IP65*
Mechanical Life	1,000,000 Operations
Electrical Life	1,000,000 Operations
Ambient Temperature	-25°C to 40°C (-13°F to 104°F)
Environment	Indoor use only
Switches Conformance	IEC 60947-5-1
Switching Contact Element	1 N/O / 1 N/C
Switching Principle	Positive Break
Switching Current	1mA MIN / 100mA MAX
Switching Voltage	24V
Isolating Distance	2mm per switch element
Contact Material	Gold

\*IP protection is to the tGard stack that this module attaches to, when correctly fitted according to installation and maintenance instructions.

Safety Data		
Standards	EN60957-5-5 (Low-voltage switchgear and control gear).	
Approvals	TÜV SÜD for Europe, Canada & USA	
Functional Safety Data	B10d	1,300,000

Part Number Options	
Description	Part No.
Independently Wired Change Over Switch - Blue	TSZ

Electrical Guidance			
Inputs	Outputs	Module operates on the safety circuits	Order of pin assignment from base to head
1	2	No	Common, N/O, N/C

# Operating Instructions: Blue Independently Wired Change Over Switch

Figure 1: Wiring Diagram

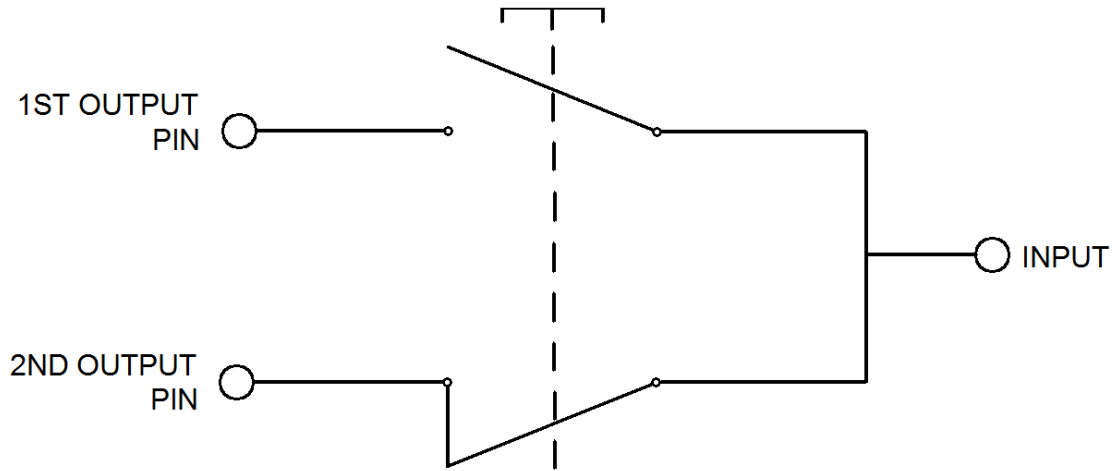


Figure 2: Dimensional Drawing - TSZ

