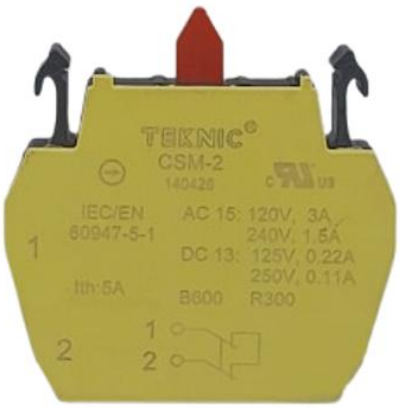
DATA SHEET FOR SELF MONITORING CLIP ON CONTACT ELEMENT

Model No.: **CSM-2**
Description: **Self-Monitoring Clip on Contact element.**

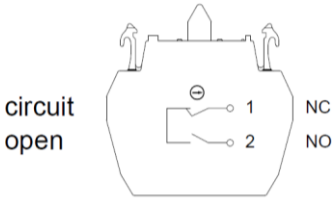


Salient Features:

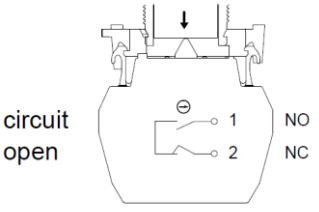
- Aesthetically elegant
- Robust Construction
- Simple to fix
- **Extra Safe** operation
- Good flame resistance
- Fully Shrouded Terminals
- Long life
- Direct Opening
- Designed to provide enhanced operational safety

General Characteristics:

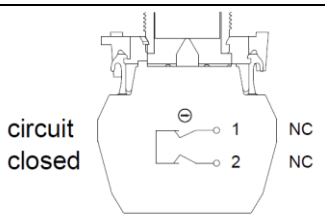
It's a cover mounting type, Normally Closed (NC) contact element. This can be fitted with any illuminated/non-illuminated metallic or plastic operating Emergency Stop Actuator. Compatible with 4P Series and P4 Series emergency stop actuators. These contact elements are interchangeable. A maximum of 3 elements can be assembled with non-illuminated operating actuator & 2 elements can be assembled with illuminated Operating actuator.
They have fully shrouded terminals and are protected against the ingress of small objects during assembly and wiring.
In the event when actuator or CSM2 contact element is dislodged



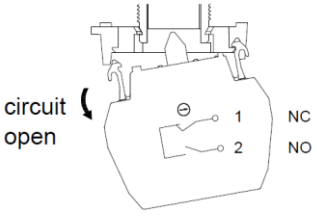
Before assembly



E. Stop Actuated

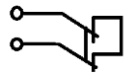
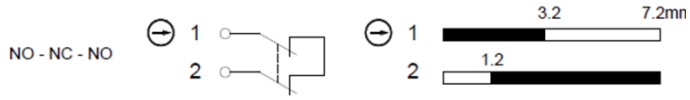
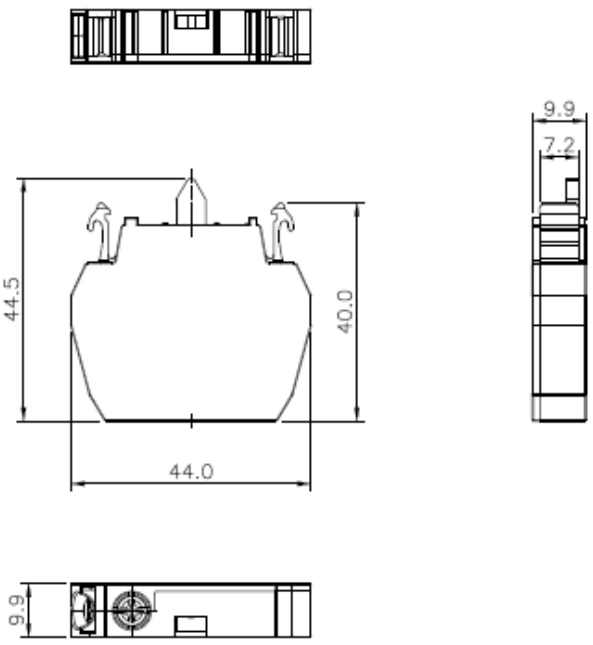


E. Stop Un Actuated



Disengaged

Mechanical Characteristics:

Terminal marking		: 1  2
Diagram		
Terminal Torque	Nm	: 0.8 screw head compatible with posi drive or Philips screw driver
Contact material		: Fixed Contact- Brass- Silver tips. Moving Contact- PB - Silver tips
Operation		: Slow Action
Operating torque	Nm	: NA
Operating force	N	: 5
Positive operation Conforming to IEC/EN 60947-5-1 Appendix K		: All functions incorporating a NC contact are positive opening operation
Operating travel	mm	: 7
Mechanical life		: 1 million cycles
Ambient	°C	: -25°C to +70 °C
Storage	°C	: -25°C to +40 °C
Overall Dimensions with sketch (LXBXH)	mm	: 44.50X44X9.9 

Mechanical Characteristics :(Contd.)

Weight	gms	:16
Operating force	N	: 5
Connections	Terminal type	: M3.5 Captive clamp connection
Terminal Capacity	mm²	: Maximum 2X1.5mm² or 1X 2.5mm² : Minimum 1X0.5mm² (solid/stranded)
	Wire peeling length	: 10mm
Contacts:		: Slow action double breaking
Degree of protection		: IP20 for Terminals
Degree of Pollution		: 3
Applicable standards		: IEC/EN 60947-5-1
Product Certification		:

Electrical Characteristics of contacts:

Electrical life time (AC15)	1A	: 1 million cycles
	2A	: 0.5 million cycles
	3A	: 0.25 million cycles
Make & Break Capacity		: AC 15: 120V, 3A : AC 15: 240V, 1.5A : DC13 :125V, 0.22A : DC13 :250V, 0.11A : B600 R300
Rated insulation voltage (Ui)	V	: 500 V(As per IEC 60947-5-1)
Rated thermal current	A	: 5 A (As per IEC 60947-5-1)
Frequency	Hz	50-60
Low power application		: 5V.5mA
Short circuit protection		: 10A HRC cartridge fuse, rated for resistive loading at 1000A prospective current
Fuse rating (Type gG)		: 500
Dielectric Test	kV	: 2.5KV , 1sec
Polymeric parts		: UL-Recognized material
Rated Impulse Withstand	kV	: 4
Contact resistance	mΩ	: <25