
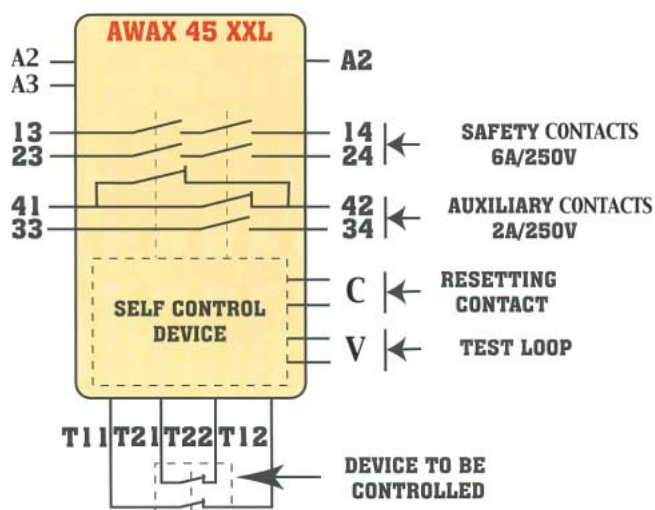


SPECIFICATIONS	KEY FEATURES	CATEGORY 4
<p>C UL, UL, CE</p> <p>Input voltage 120, 230V AC</p> <p>Category 4 safety level per EN 954-1</p> <p>≤ 20ms response time</p> <p>Safety contacts 6A @ 250V,</p> <p>Auxiliary contacts 2A @ 250V</p> <p>AWAX 45XXL - 100mm wide</p>	<ul style="list-style-type: none"> • 2 N.O. safety contacts, 1 N.O., 1 N.C. auxiliary contacts • Used as safety switch module or monitor of emergency stop • Inputs from mechanical switches, interlocking systems and BTI switches • Exclusive DLC* short circuit monitoring • Auto or manual^① reset configuration switch 	 <p>AWAX 45XXL Series \$390 List Price</p>

① Use in manual mode *only* if OPTO 2S is switch of choice.

Part#	Safety Contacts	Aux. Contacts	Input Devices	List
AWAX 45XXL	2 N.O.	1 N.O. 1 N.C.	1 or 2	\$390

Electrical Diagram



Note: The AWAX 45XXL provides 24V DC for control of the BTI magnetic coded switches. Refer to page 31 for maximum switches allowed.

P/N Example: AWAX45XXL-AC (120/230V AC)

Resetting

A) Manual Resetting

Pushbutton N.O. is connected between C and V. The resetting is done at releasing. If the PB remains closed, no resetting is possible.

B) Option, Automatic Resetting

Direct connection between C and V. Resetting done immediately after the disappearance of the fault. It is possible to connect a pushbutton between C and V if required.

Technical Characteristics

	AWAX45XXL
Power supply	120/230V AC
Voltage tolerance	±10% AC
DC/AC Consumption	≤ 2.5 VA (AC)
Electrical Protection	DLC*
Frequency	50Hz / 60Hz @ 24V AC
Max. switching capacity	6A - 250V AC with cos phi = 1
Operation life	10 million
Response time	≤ 20ms
Resetting time	< 500ms
Operating temperature	-20°C to 60°C
Protection class	IP30
Size L x W x H	22.5 x 100 x 82 mm
Weight	180g

* **DLC:** BTI's DLC process monitors load short circuit. This eliminates the need for current limiting fuses, reduces welded contacts, avoids damage to the switch. DLC also detects resistive short-circuit occurrences.