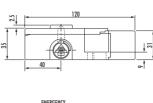
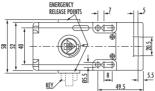
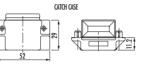
GUARDMASTER

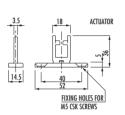
Locking Guard Switch 'Spartan', 1200N Force

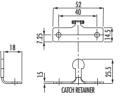






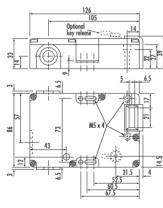


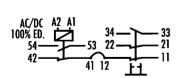


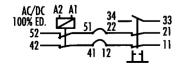


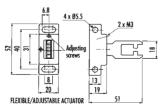
Locking Guard Switch 'TLS-GD2', 2000N Force

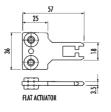












The Spartan is a small tongue operated interlocking safety switch which locks the guard closed until machine power is isolated and ensures it remains isolated whilst the guard is open. Designed with two entry slots and a rotating head to give four actuator entry positions, a blanking plug is also provided for the unused slot. The guard may only be opened when a signal is applied to the internal solenoid, which releases the locking mechanism, however in the event of a total power failure, an emergency override key is available as a optional extra, Note: the key should only be available to authorised personnel. The Spartan is ideal for machines which do not stop immediately or when premature interruption of the machine could cause damage. A catch kit with actuator alignment is supplied to relieve stress on the locking solenoid and to protect the unit from actuator damage due to poor guard alignment. The Spartan is available with 2 N/C safety contacts and 1 N/O auxiliary contact in 3 different voltages.

Contact arrangement Contact rating Temperature IP Rating

Imperature IP Rating Locking force Housing material Actuator material Approvals Built in LED Conduit entry 2 N/C (safety), 1 N/O (auxiliary) 1 A at 500VAC, 2A at 250VAC, 5A at 100VAC 2 A at 24 Vdc -20°C to + 60°C IP67 1200 N Glass reinforced PBT Stainless steel UL, CUL Solenoid status indicator 1 x M20

			Unit Price		
Stock No.	Manf Ref'	Туре	1-4	5-9	10-24
5106531	440G-S36001	24V AC/DC	100.00	97.50	95.00
5106537	440G-S36003	110V AC	100.00	97.50	95.00
5106543	440G-S36005	230V AC	100.00	97.50	95.00
5106564	440G-A36050	SPARE ACT & LATCH	12.00	11.70	11.40
5106561	440G-A36026	OVERRIDE KEY	6.00	5.85	5.70

The TLS-GD2 is a positive mode, tongue operated machine guard locking interlock switch. It locks the guard closed until the machine power is isolated and ensures that the machine remains isolated whilst the guard is open. In operation (machine running), the TLS-GD2 remains in the locked position until the internal solenoid is energised. The optional key release allows the TLS-GD2 locking mechanism to be quickly overridden in an emergency, Note: the key should only be available to authorised personnel. The head rotates 180° to give four actuator entry points. A stainless steel actuator guide is fitted, to protect the unit from actuator damage due to poor alignment or guard wear. The TLS-GD2 is available with five sets of contacts in different configurations and in three different voltages. They are suitable for use with PLC's.

The TLS-GD2 actuator is supplied separately in three versions, standard actuator, flexible actuator and flat actuator.

Contact arrangement TLS1 TLS3 Contact rating

Voltages TLS1 TLS3 Temperature IP Rating Locking force Housing material Actuator material Built in LED Conduit entry Approvals 3 N/C (safety), 2 N/O (auxiliary) 4 N/C (safety), 1 N/O (auxiliary) 1 A at 500VAC, 2A at 250VAC, 5A at 100VAC 2 A at 24 Vdc

24V ac/dc, 110V ac, 230V ac 24V ac/dc, 110V ac, 230V ac -20°C to + 60°C IP67 2000 N Glass reinforced PBT Stainless steel Solenoid status indicator 1 x M20 UL, CUL

			Unit Price		
Stock No.	Manf Ref'	Туре	1-4	5-9	10-24
5106354	440G-T27121	TLS1-24V DC/AC	108.00	105.30	102.60
5106363	440G-T27124	TLS1-110V AC	108.00	105.30	102.60
5106360	440G-T27123	TLS1-230V AC	108.00	105.30	102.60
5106171	440G-A27011	STND GD2 ACT	4.00	3.90	3.80
5106417	440G-A27143	FULLY FLEX ACT	9.00	8.78	8.55
5105694	440K-A11112	FLAT ACTUATOR	3.00	2.93	2.85
5106561	440G-A36026	OVERRIDE KEY	6.00	5.85	5.70