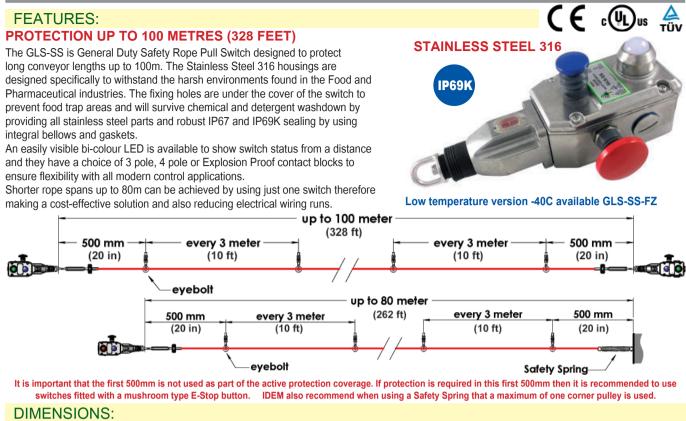
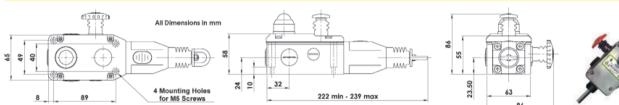
## Guardian Line Standard Duty Type: GLS-SS





## Standards: EN60947-5-1 EN60947-5-5 EN62061

э.	LIN0034	7-3-1	LINU	0347	-3-3	LINO.
	UL508	ISO13	850	ISO1	3849	)-1

Safety Classification and Reliability Data:	UL508 ISU13850 ISU13849-1	SALES NUMBER	CONDUIT	CONTACTS	FITTINGS	
	1.5 x 10 <sup>6</sup> operations at 100mA load	-	0.1400	010 010		
ISO13849-1	Up to PLe depending upon system architecture	144001	3 x M20	3NC 1NO		
EN62061	Up to SIL3 depending upon system architecture	144002	3 x 1/2" NPT	3NC 1NO		
Safety Data – Annual Usage	8 cycles per hour/24 hours per day/365 days	144003	3 x M20	2NC 2NO		
	<1.0 x 10 <sup>-7</sup>	144004	3 x 1/2" NPT	2NC 2NO		
Proof Test Interval (Life) MTTFd	214 years	144005	3 x M20	4NC		
Enclosure/Cover Material		144006	3 x 1/2" NPT	4NC		
		144007	3 x M20	3NC 1NO	LED	
		144008	3 x 1/2" NPT	3NC 1NO	LED	
	Up to 100m (2 switches) 80m (1 switch)	144009	3 x M20	2NC 2NO	LED	
Rope Tension Device	IDEM Tensioner/Gripper (quick fixing)	144010	3 x 1/2" NPT	2NC 2NO	LED	
	4.00mm outside dia. Steel inner - PVC sheath	144011	3 x M20	4NC	LED	
Mounting		144012	3 x 1/2" NPT	4NC	LED	
Mounting Position		144012	3 x M20	3NC 1NO	E-Stop	
Tongue Settings	3 x M20 or 3 x 1/2" NPT (by Sales Number) Mounting M5 4.0Nm	144013	3 x 1/2" NPT	3NC 1NO	E-Stop	
Tongue Settings	Lid T20 Torx M4 1.5Nm	144014		2NC 2NO		
	Terminals 1.0Nm		3 x M20		E-Stop	
Ambient Temperature	-25C +80C (100C cleaning)	144016	3 x 1/2" NPT	2NC 2NO	E-Stop	
Vibration Resistance		144017	3 x M20	4NC	E-Stop	
Shock Resistance	11ms 15g	144018	3 x 1/2" NPT	4NC	E-Stop	
Tension Force (typical mid setting)	130N	144019	3 x M20	3NC 1NO	E-Stop & Led	
Typical Operating Force (Rope pulled)		144020	3 x 1/2" NPT	3NC 1NO	E-Stop & Led	
	1810g approx.	144021	3 x M20	2NC 2NO	E-Stop & Led	
Contact Type	EN60947-5-1 double break type Zb	144022	3 x 1/2" NPT	2NC 2NO	E-Stop & Led	
	Snap Action up to 4NC (positive break) 2NO (Auxiliary)	144023	3 x M20	4NC	E-Stop & Led	
Contact Material		144024	3 x 1/2" NPT	4NC	E-Stop & Led	
Termination	Clamp up to 2.5mm <sup>2</sup> conductors	144040	Replacen	nent Lid		
	Utilisation category AC15 A300	144041	Replaceme	Replacement Lid/LED LED		
Operational Rating		For LED Models add voltage code to Sales Number see below				
Thermal Current (Ith)	10A	Steady Green/Flashing Red				
Rated Insulation Voltage (U)	500V	A - 24Vdc B - 110Vac C - 230Vac				
Withstand Voltage (Uimp)		Steady Green/Steady Red				
Short Circuit Overload Protection	ruse externally IUA(FF)	AS - 24Vdc BS - 110Vac CS - 230Vac				

## STAINLESS STEEL SALES 316 GLAND NUMBER M20 140120 1/2" NPT 140121



IDEM recommend using our Stainless Steel 316 Gland with this switch.

Gold Plated Contacts available for low power circuits (5V 5mA). Add GC to Sales Number e.g. 144001-GC

For all IDEM switches the normally closed (NC) circuits are closed when the system is tensioned correctly and the switch has been reset.

Pre-wired EX versions

(see Explosion Proof section)

**SECTION 18**