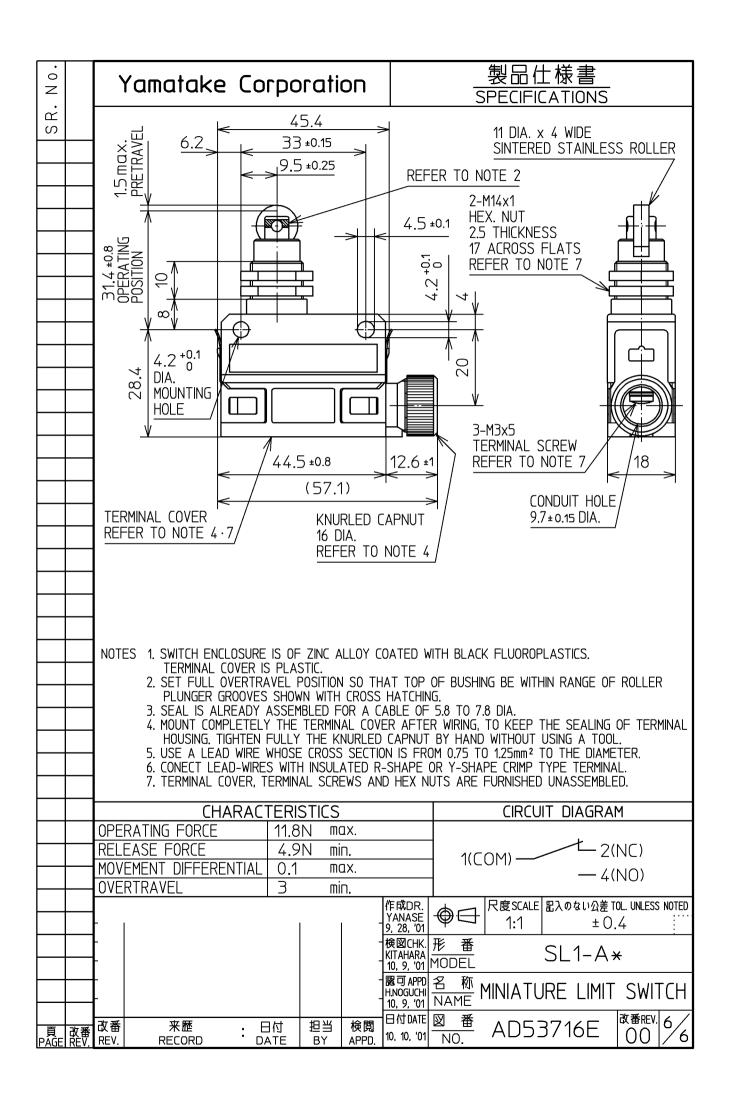


Νο.		Yamatake Corporation						_製品仕様書_ SPECIFICATIONS				
SR.		1.	STANDARDS ·Conform to: IE JIS	C 60947 S C 8201	-5-1 -5-1	҈А∙ Арр	rove	CS () EN () <u>(</u>)	. 508 JL, File E' SA C22.2 N JL, File E' I 60947-5 TÜV No. : F S14048.5 : 20 CQC No. : 20	No.14 (C-U 96090) -1 R 2-500063 2001	349)	
		2.	STRUCTURE · Contact Form: · Shape of Conti- · Type of Termir · Degree of Proti- · Protection Class · Pollution degree	act: Ri nal: So tection: IP s: Cl			head		with lock wa			
		3.	Rated operatio Rated operatio Rated operation Rated operation control Rated operation control Rated operation courrent(le) Rated frequency	nal voltag ational ategory ational cy: stance	e (Ue), Ut Silv C250V AC-15 3A	ilization ver cont AC25(AC-1 5A	acts DV [DC48V DC-12 2A	Gold plated AC125V AC-12 0.* to 65Hz	DC48V DC-12 1A and d.c.	rent (le)	
		Between terminals of different polarities: 100 Ma min. As Between each terminal and the enclosure: 100 Ma min. As Rated insulation voltage (Ui): 250V Notes 1, Dielectric test voltage between each terminal and the enclosure: 2000VAC (50 to 60Hz, for 5 seconds, leak current 1mA) Dielectric test voltage between the open contacts: 1000VAC (50 to 60Hz, for 1 minute, leak current 1mA) Rated impulse withstand voltage (Uimp): Between terminals of different polarities: 2500V Between each terminal and the enclosure: 2500V Switching over voltage: Category II Contact Resistance Silver Contacts:										
		- - - 03	50 mΩ ma Gold Plated (100 mΩ ma ADDITION ADDED STANDARDS	x. (initial) Contacts:	Measured	d by the 作 作 分 一 段 10 SAITO HI	がDR. ANASE 28, 'O' 図CHK TAHARA), 9, 'O' 可 APP NOGUCH), 9, 'O'	age drop 形 番 MODEL A 称 NAME		6 to 8 VD0 記入のない公差1 ~ SL1-A:	O.1 A. TOL. UNLESS NOTED * SWITCH	
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	<u>. </u>
, 0 Z	Yamatake Corporation製品仕様書
S	·Operational Currents: (in amperes) Silver Contacts
	Current Voltage Resistive Inductive NC NO
	AC 125 VAC 5 3 1 2 250 VAC 5 3 0.5 1
	8 VDC 5 3 14 VDC 5 3 DC 30 VDC 5 3 115 VDC 0.5 0.1 230 VDC 0.25 0.05
	Gold Plated Contacts
	Current Voltage Pacietive Industive Motor
	AC 125 VAC 0.1 \sim \sim \sim
	B VDC 0.1 ~ DC 14 VDC 0.1 ~
	Notes 2. Inductive load: Power factor 0.4 (AC). 3. Motor load: With inrush current 6 times as high as the rated current.
	• Minimum operational current and voltage Silver Contacts: 5mA-24VDC, 10mA-12VDC Gold Plated Contacts: 5mA-5VDC
	Conventional free air thermal current (Ith) Silver Contacts: 5A Gold Plated Contacts: 1A Notes (Temporatuse size limit, 45 % max)
	Notes 4. Temperature-rise limit: 65°C max. •Short-circuit protective device: TÜV; M10A (IEC 60127, fuse) • CQC; Silver Contacts: 10A (cartridge fuse) Gold Plated Contacts: 3A (cartridge fuse)
	• Conditional short-circuit current: 1000A (Power factor 0.5 to 0.7)
	 - -
	作成DR. YANASE 9, 28, '01 一様図CHK. 形 番 MODEL SL1-A*
	Tax appl 名称 MINIATURE LIMIT SWITCH 10.9, '01 NAME NAME
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. N o.		Yama	atake	Corpord	ation		-		上様書 TATIONS	
SR		4. MECHANICAL CHARACTERISTICS · Actuator Strength: Withstand 5 times 0.F. in the operating · Terminal Strength: Withstand 0.6N·m tightening torque ap · Shock: 300 m/s² Misoperation of the contact shall be 1 ms max. in the travel position.						e applied	for 1 minute.	
		·Vibration: Peak-to-peak amplitude 1.5 mm Vibration frequency 10 to 55 Hz for continuous 2 hours.								
		Misoperation of the contact shall be 1 ms max. in the free position and the total travel position.							and the	
		 Allowable Operating Speed: 0.02 mm/s to 0.5 m/s The lowest speed: Unstable condition of the contact shall be 0.1s max. The highest speed: The actuator shall not damage. Mechanical Operating Frequency: 120 cycles/minute max. 5. LIFE Mechanical Life: 20000k cycles min. at overtravel of 70 to 100% of the specified value with 30° cam angle. 						cified value		
		·Elec	trical Life:	Contact mater			Operatio	ın cycle		
				Silver	5A-250V 2A-48VD 5A-30VD	C	300k c	ycles min.		
					1A-125V <i>A</i> 0.1A-125V			ycles min.		
				Gold plated	0.1A-48V		5000k c	ycles min.		
		· Oper	ating Temp	At operating fall CHARA perature: -10 to this indicate the second of the	CTERISTI	cs		ninute and	at resistive	load
		7. REFE	RENCE :	TEST COND						
		Fo Fo	ommended or mounting or mounting	Fightening Tord the switch to the terminal t the nut to sw	panel: 1. to switch: 0	.4 to	1.7N·m 0.6N·m 6N·m	(M4) (M3) (M14)		
		- - -			-	存成DR. YANASE 9, 28, '0'		~	記入のない公差T ~ SL1-A+	
		-				ᇶᆔᄱ	0 47 1/-	MINIATU	JRE LIMIT	SWITCH
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Νο.		Yamatake Corporation	_製品仕様書_ SPECIFICATIONS
SR.		PRECAUTIONS	
		SPECIFICATION. OVER-TIGHTENING MA	TCH AT REASONABLE TORQUE SPECIFIED IN THIS Y DAMAGE THE SCREW OR OTHER PARTS. E TO PUSH THE SWITCH ACTUATOR UNDER FREE
		DO NOT USE SILICONE ADHESIVES OR IT MAY CAUSE ELECTRICAL CONTACT	· · · · · · · · · · · · · · · · · · ·
		(2) WIRING DO NOT PERFORM WIRING WHILE POWE ELECTRICAL SHOCK OR SUDDEN MACH	R IS CONNECTED. IT MAY CAUSE OPERATOR'S INF START
		·SNAP TERMINAL-COVER TIGHT. LOOSE SNAP MAY CAUSE INSULATION PERFORMANCE. AS A RESULT, THE S	FAILURE DUE TO DECREASE IN SEALING WITCH WOULD NOT SATISFY ITS OPERATION
		. ACTUATOR. IT MAY BREAK THE SWITC	DRE THAN 5 TIMES OF OPERATING FORCE) TO THE H.
		<u>ふ</u> ・ SMALL OVERTRAVEL MAY CAUSE CH <i>A</i> VIBRATION OR SHOCK.	TTERING OF CONTACT OR CANTACT FAILURE BY
		<u> </u>	作成DR. YANASE 9, 28, '01 个 R度SCALE 記入のない公差 TOL. UNLESS NOTED ~ ~ ·
			検図CHK. 形 番 KITAHARA 10. 9, '01 MODEL SL1-A×
		02 DELETE 11,12,'02 TATSUHARA TOMITA	國可APPD 名称 MINIATURE LIMIT SWITCH 10, 9, '01 NAME
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NO.		Yamatake Corporation	製品仕様書 SPECIFICATIONS
SP.NO		"RESTRICTIONS ON USE" This product has been designed, developed application in machinery and equipment. Accordingly, when used in applications outli implement a fail-safe and/or redundant desi program. • Safety devices for plant worker protect • Start/stop control devices for transport • Aeronautical/aerospace machines	and manufactured for general-purpose ned below, special care should be taken to gn concept as well as a periodic maintenance ion
		•Control devices for nuclear reactors Never use this product in applications where	human safety may be put at risk.
		Never use this product in applications where	naman sarety may be put at risk.
1	00	00 First issue 12-2-`02 Harada Miura	
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