BIGTIOCECINE													
Autonics				Specifications								Wire Connections	
	Model	ACL-20			CL-50L	ACL-20T	ACL-40T	ACL-50T	ACL-20L				
		Rated voltage Rated current	≤10A	=, 250VAC~ 50/60	JHZ								
		Common type Terminal type	Left +CC Screwles	B1 B2 B3 B4 B5 B6 B7 B8 + + + + + - - -									
	INS	The number of termina		40	50)	20	40	50				
	Terminal pitch Applicable Solid wire	e Ø0.6 to 9	Ø1.25mm (60℃ onl						A1 A2 A3 A4 A5 A6 A7 A + + + + + +				
	D	wires Stranded wire UL: AWG22-16 (0.30 to 1.25mm²) (60 °C only) Stripped wire length 8 to 10mm											
		Insulation resistance ≥1,000MΩ (at 500VDC megger) Dielectric strength 3,000VAC 50/60Hz for 1 minute (between open terminals)								● ACL-40L			
(PRODUCT)	Vibration Mechanical 0.75mm amplitude at frequency of 10 to 55Hz (for 1 min) in each X, Y, Z direction for 2 hours Malfunction 0.75mm amplitude at frequency of 10 to 55Hz (for 1 min) in each X, Y, Z direction for 10 minutes								B1 B2 B3 B4 B5 B6 B7 B8				
						Shock Mechanical 1,000m/s ² (approx. 100G) in each X, Y, Z direction for 3 times Malfunction 100m/s ² (approx. 10G) in each X, Y, Z direction for 3 times Ambient temp. -15 to 55°C, storage: -25 to 65°C							
													A1 A2 A3 A4 A5 A6 A7 A
						Ambient humi. 35 to 85%RH, storage: 35 to 85%RH Material Terminal: polyamide 66, conductive plate: copper, tin plated, case: polycarbonate, base: polycarbonate							
	Protection structure IP20 (IEC standard) Approval C € · ® · see								ACL-50L				
[20-pin]	['	40-pin]		[50-pin]	Weight ^{*1}	Approx. (approx.			oprox. 164g pprox. 97g)	Approx. 71g (approx. 42g)	Approx. 146g (approx. 79g)	Approx. 164g (approx. 97g)	
	Thank	you for choosir	ng our Autonics prod	uct	%1: The weight includ %Environment resista				or unit only.				
1	Please read the	Dimensions (unit: mm)											
	aidarationa				■ Dimensions (unit min) ● ACL-20L(T) 57.5								
Safety Cons Serve all safe				53						+ + + + + + +			
x x symbol represents	,			5	5					ACL-20T			
Warning Failure									8 22				
Caution Failure to						38 46. 48.				B1 B2 B3 B4 B5 B6 B7 B8 + + + + + + + +			
1. Fail-safe device must b				<u><u><u> </u></u></u>	<u>5555</u>	ļļļ							
loss. (e.g. nuclear powe equipment, crime/disas					<u>`</u>	_/	д						
Failure to follow this instr 2. Do not connect, repair, Failure to follow this instr													
3. Do not disassemble or Failure to follow this instr								● ACL-40T					
▲ Caution													B1 B2 B3 B4 B5 B6 B7 B8
Use the unit within the rated specifications. Failure to follow this instruction may result in fire or product damage. Use dry cloth to clean the unit, and do not use water or organic solvent.						● ACL-40L(T) / ACL-50L(T)							
Failure to follow this instr 3. Do not use the unit in t	B →								A1 A2 A3 A4 A5 A6 A7 A8				
impact, or salinity may Failure to follow this instr													
4. Keep metal chip, dust, Failure to follow this instr	and wire residue from									ACL-50T			
Model	Item	Hodel A B							B1 B2 B3 B4 B5 B6 B7 B8 + + + + + + + + + + + +				
ACL-20L		Terminal type	20	Common type Left-Right Common	1000	<u> 44444</u>		<u>4444</u>	↓ ↓	ACL-40L	. ,		
ACL-20T ACL-40L	2	Screwless		Top-Bottom Common Left-Right Common							<u> </u>		A1 A2 A3 A4 A5 A6 A7 A8
ACL-40T	Common terminal block		40	Top-Bottom Common		₽₽₽₽₽ ₹				32.9			
ACL-50L ACL-50T			50	Left-Right Common Top-Bottom Common									Cautions during Use I. Follow instructions in 'Cautions during Use
ACL-501				тор-воцот соттоп		I II.		<u> </u>					 2. Keep away from high voltage lines or power line and input significant sign
Crimp Terminal Specifications						Installation DIN rail Connection part I. Mounting and removal at DIN rail							
A (unit: mm)						Mounting 1) Pull the rail lock towards direction ①.							
	*		A	B C Applicable wire	2) Attach the DIN rail (3) Push the unit towar	connection pa	art onto the DIN rail.	il lock in to lo	ock				 ②Altitude max. 2,000m ③Pollution degree 2
В		C End Sleeve (Ferrule Ter	minal) crimp 10 to 12.0		toward the unit.					1	Rai	lock	Installation category II
≜		terminal XUse the U	L certified crimp terminal.	(60°C only)	Removal							m < ³	Major Products
· · · ·						1) Insert a screwdriver into the rail lock hole and push it towards direction ③. 2) Remove the unit by pulling the unit towards direction ④.							Photoelectric Sensors Fiber Optic Sensors Temperature C Temperature/H
Connecting Crimp Terminals						-					(4) ♠	W	Door Sensors SSRs/Power C Door Side Sensors Counters
© Connecting and removing end sleeve (ferrule terminal) crimp terminal													Area Sensors Timers Proximity Sensors Panel Meters Tablegraduat
Connecting1) Push the end sleeve (fer	wile terminel) erimen te								Pressure Sensors Tachometer/Pu Rotary Encoders Connector/Sockets Sensor Control				
Removing	, ,	2. Mounting with scr	ews					Mounting h	nole	Switching Mode Power Supplies Control Switches/Lamps/Buzzers			
1) Press and hold the catch 2) Pull and remove the end	above the terminal in sleeve (ferrule termina	al) crimp terminal to	tiathead screwdriver. owards direction ③.		1) The unit can be more 2) M4×10mm spring w	asher screws	s are recommended	for installation			/		 I/O Terminal Blocks & Cables Stepper Motors/Drivers/Motion Controllers
		flat washers, use Ø8 to 1.5N·m.	3mm diameter	washers. The tighte	ening torque s	should be from				Graphic/Logic Panels Field Network Devices			
*The above specification									Laser Marking System (Fiber, Co ₂ , Nd:YAG) Laser Welding/Cutting System				
 The above specifications are subject to change and some models may be discontinued without notice. Be sure to follow cautions written in the instruction manual and the technical descriptions (catalog, homepage). 										1111111	<u></u>		



A8 A9 A10 A11 A12 A13 A14 A15 A16 A17 A18 A19 A20

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B9 B10 + + A8 A9 A10

A8 A9 A10 A11 A12 A13 A14 A15 A16 A17 A18 A19 A20

Use'. Otherwise, it may cause unexpected accidents.

power lines to prevent inductive noise.

signal line closely, use line filter or varistor at power line and shielded wire at input signal line. generates strong magnetic force or high frequency noise.

environments.

n rated in 'Specifications')

Controllers Humidity Transducers Controllers

Pulse(Rate)Meters

rollers



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