EasyPact TVS 4-pole Contactors
Accessories

LAEN22

LAETSD

Instantaneous auxiliary contact blocks for connection by screw clamp terminals

For use in normal operating environment			
Clip-on mounting	Number of contacts per block	Cat. no.	Weight kg
Front	1 NO+1 NC	LAEN11	0.035
	2 NO	LAEN20	0.035
	2 NC	LAEN02	0.035
	2 NO+2 NC	LAEN22	0.060
	4NO	LAEN40	0.060

Time delay auxiliary contact blocks for connection by screw clamp terminals 8 A - 690 V

Clip-on mounting	Number of contacts per block	Time delay Type	Setting range	Cat. no. [1]	Weight kg
Front	1 NO+1 NC	On-delay	1...30 s	LAETSD	0.060

(1) Available LC1E2500* onwards

Instantaneous and time delay contact characteristics

Contact block type			LAEN11,20,02,22,40			LAETSD		
Number of contacts			2 or 4			2		
Rated operational voltage (Ue)	Up to	VAC	690					
Rated insulation voltage (Ui)	Conforming to IEC 60947-5-1		690					
Conventional thermal current (Ith) For ambient temperature $\theta \le 60°C$		A	8					
Minimum switching capacity	U min	VAC	17					
	I min	mA	5					
Short-circuit protection	Conforming to IEC 60947-5-1	A	10					
Rated making Capacity (Irms)	Conforming to IEC 60947-5-1	A	$\sim$ 140					
Short-time rating	Permissible for 1 s	A	100					
	500 ms		120					
	100 ms		140					
Insulation resistance		mΩ	> 10					
Non-overlap time	Guaranteed between NC and NO contacts	ms	1.5 (on energisation and on de-energisation)					
Overlap time	Guaranteed between LAE N22 N/C and N/O contacts	ms	–					
Time delay	Ambient air temperature for operation	°C	–			-20...+70		
	Repeat accuracy		–			±2 %		
	Drift up to 0.5 million operating cycles		–			+15 %		
	Drift depending on ambient air temperature		–			0.25 % per °C		
Mechanical durability		In millions of operating cycles	10			4		
Rated operational power of contacts (Conforming to IEC 60947-5-1)	a.c. supply categories AC14/15	V	24	48	115	230	400	440
	1 million operating cycles	VA	60	120	280	560	960	1050
	3 million operating cycles		16	32	80	160	280	300
	10 million operating cycles		4	8	20	4	70	80

Environment				
Contact block type			LAEN11,20,02,22,40	LAETSD
Conforming to standard			IEC 60947-5-1	
Product certifications			GOST	
Protective treatment	Conforming to IEC 60068		"TH"	
Degree of protection	Conforming to IEC 60529		IP20	
Ambiant air temperature	Storage	°C	-60...+80	
	Operation		-5...+55	
	Permissible for operation at Uc		-20...+70	
Maximum operating altitude	Without derating	m	3000	
Connection by cable	Philips N 2 and Ø 6 mm. Flexible or solid cable with or without cable end	mm²	Min: 1 x 1 Max: 2 x 2.5	

4-pole Accessories compatibility			
Contactor	LAEN●●	LAETSD	LAERC●
LC1E0600*	1	-	
LC1E0900*			
LC1E1200*			
LC1E1800*			
LC1E2500*	1 or 1		1
LC1E3200*			
LC1E3800*			
LC1E4000*			
LC1E5000*			
LC1E6500*			
LC1E8000*			
LC1E9500*			

EasyPact TVS 4-pole contactors
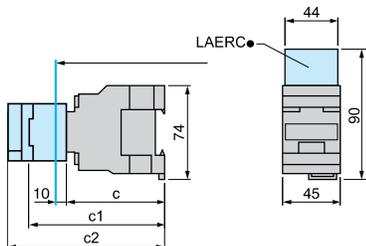
LC1E0600*...1800*

LC1	E0600*...E1800*
c	80
c1 with LAEN	113

LC1E2500*...3800*
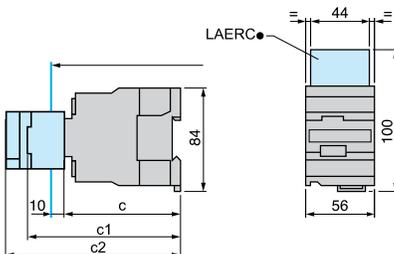
LC1	E2500*...3800*
c	93
c1 with LAEN	125
c2 with LAETSD	147

LC1E0600*...1800*
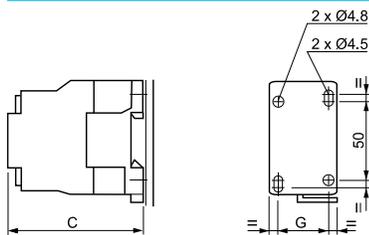
LC1	E0600*	E0900*	E1200*	E1800*
c	80	80	80	80
G	35	35	35	35

LC1E2500*...3800*
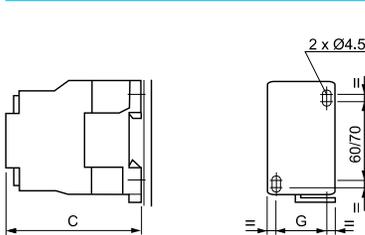
LC1	E2500*...3800*
c	93
G	40

LC1E4000*...E6500*
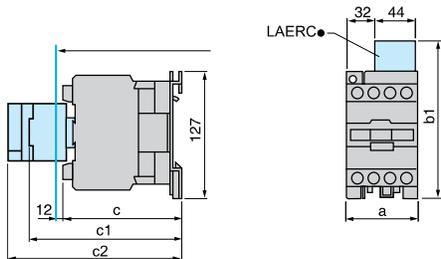
LC1		E4000*...E6500*
a		85
b1	with LAERC●	135
c		110/125
c1	with LAEN●	143
c2	with LAETSD	165

LC1E8000*...9500*
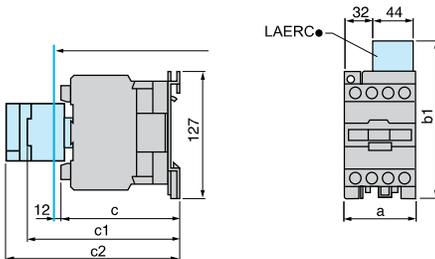
LC1		E8000*...9500*
a		95
b1	with LAERC●	135
c		120/135
c1	with LAEN●	160
c2	with LAETSD	172

2XLC1E0600*…E6500* with LAEM1
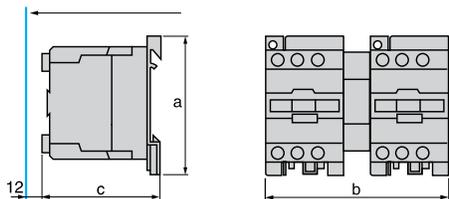
LC1	E0600*...1800*	E2500*...3800*	E4000*..6500*
a	74	84	127
b	104	126	184
c	80	93	110/125

2XLC1E8000*...9500* with LAEM4
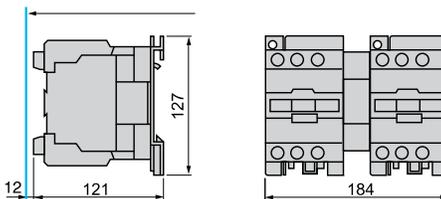
LC1	E8000*…LC1E9500*
a	95
b	204
c	120/155

Schneider Electric

EasyPact TVS contactors
LC1E0600*...9500*

Contactors (4-pole)
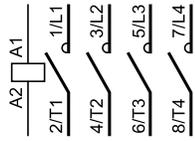
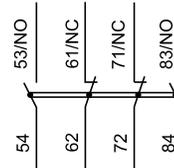| LC1E0600*...9500*	LC1E0600*...3800*	LC1E4000*...9500*
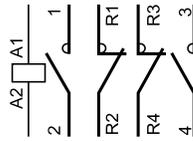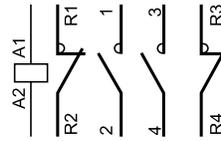
Front mounting add-on contact blocks
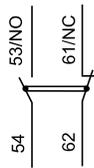
1NO+1NC (LAEN11)	2NO (LAEN20)	2NC (LAEN02)	2NO+2NC (LAEN22)	4NO (LAEN40)
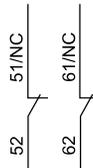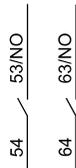
Time delay auxiliary contacts

On delay 1NO+1NC (LAETSD)

Mechanical interlock

LAEM●