

EasyPact TVS contactors

Accessories for LC1E contactor



LAEN22

Instantaneous auxiliary contact blocks for connection by screw lamps 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



LAETSD

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⁾ For use only LC1E25 to LC1E630.

Instantaneous and time delay contact characteristics

Contact block type			LAEN11, 20, 02, 22	LAETSD				
Number of contacts			2 or 4	2				
Rated operational voltage (Ue)	Up to	V	690					
Rated insulation voltage (Ui)	Conforming to IEC 60947-5-1		690					
Conventional thermal current (Ith)	For ambient temperature $\theta \leq 60^\circ\text{C}$	A	8					
Frequency of the operational current		Hz	50/60					
Minimum switching capacity	U min	V	17					
	I min	mA	5					
Short-circuit protection	Conforming to IEC 60947-5-1	A	10					
Rated making capacity	Conforming to IEC 60947-5-1	I _{rms}	~ 140					
Short-time rating	Permissible for	1 s	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
		VA	60	120	280	560	960	1050
			16	32	80	160	280	300
			4	8	20	4	70	80