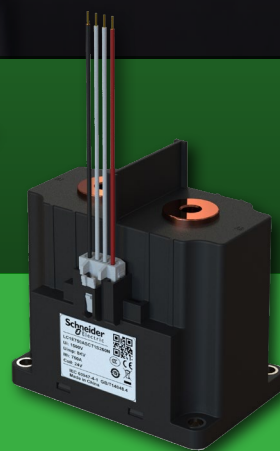




EasyTeSys

Catalog 2026
New Energy DC Connector



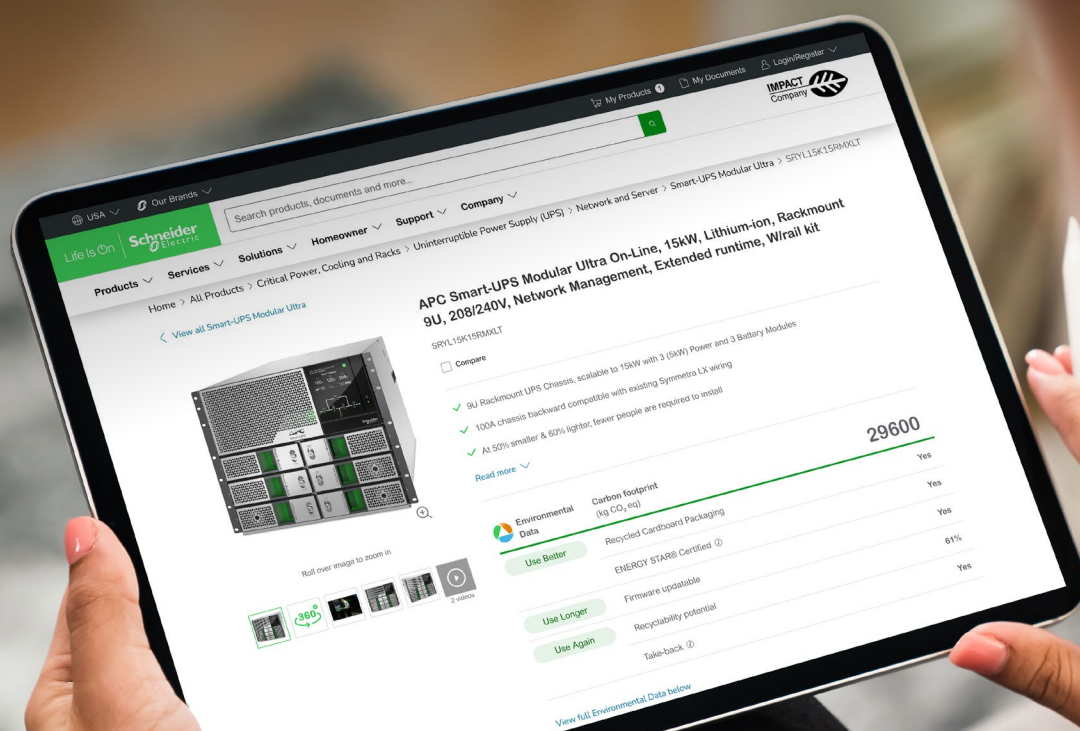
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Environmental Data Program

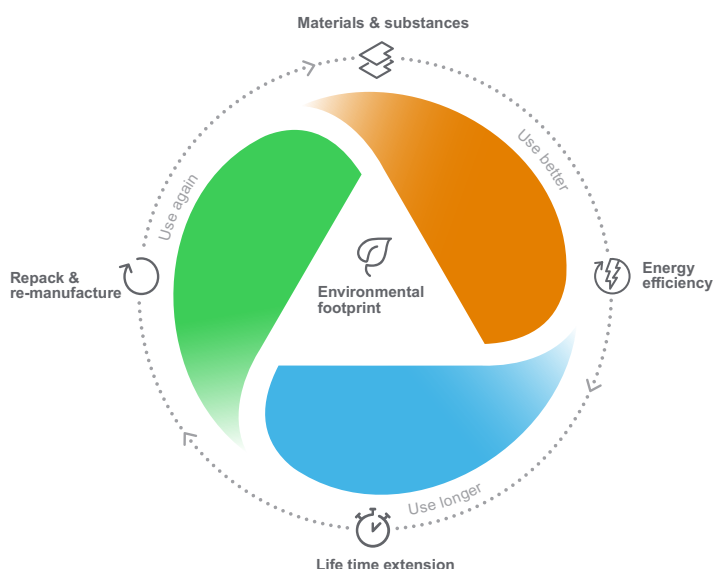


Next-level transparency for better-informed product choices

The Environmental Data Program is a framework for how we measure, categorize, and compare the environmental attributes and footprint of our products.

Using a rigorous, fact-based methodology, the program provides environmental data from across the product life-cycle.

Five data categories across the product life-cycle



Use Better: How sustainable a product is, including environmental footprint, materials and substances, packaging, and energy efficiency.

Use Longer: How a product's life time can be effectively extended in terms of repairability and updatability.

Use Again: How a product can be reused, from dismantling and re-manufacturing to recyclability and manufacturer take back.

With this transparent, verified data, customers and partners are empowered to make conscious environmental choices and accurately evaluate and report on sustainability performance.

All our hardware offers have an associated environmental data available on se.com product pages.



Learn more about the
Environmental Data Program

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General contents

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EasyTeSys Ceramic Packaged

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EasyTeSys DC Contactor Selection Guide

LC1	E	300	A	D	C		H	2	S260	N
Contactor										Coil connection N: Without connector
Easy TeSys										
Rating										Segments Offer S260: New Energy
50A, 100A, 150A, 200A, 250A, 300A										
Coil Voltage										Terminal screw 1:Internal Thread 2:External Thread
A: 12 Vdc										
B: 24 Vdc										
C: 48 Vdc										
Blank: 12~32 Vdc										
Coil type										
D: Standard coil										
S: Low consumption coil										
P: Wide-band coil										
Auxiliary										
A: No Auxiliary										
B: 1 NC										
C: 1 NO										

Example: LC1E300ADCH2S260N

Represents an Easy TeSys series 300 A, 12 Vdc control single coil, 1 NO auxiliary contact, main circuit terminal screw: external thread connection, epoxy package DC contactor.

Note:

1. For the 50A-100A range: Only internal threads are available; the coil control method is limited to single-coil.
2. For the 150A-300A range: Only external threads are available.
3. When the coil control method adopts wide voltage, the coil voltage can only be selected as 12-32VDC.
4. Single-coil products do not have an energy-saving board; double-coil and wide-voltage products come with a built-in energy-saving board. Products with a built-in energy-saving board are equipped with a device for suppressing the reverse electromotive force of the coil.

EasyTeSys DC Contactor Selection Guide

LC1	E	350	B	S	C		T	1	S260	N
Contactor										Coil connection
										N: Without connector
Easy TeSys										
Rating										Segments Offer
20 A,50A,250A,350A,400A										S260: New Energy
500 A,600A,750A,800A										
Coil Voltage										Terminal screw
A: 12 Vdc										1:Internal Thread
B: 24 Vdc										
Coil type										Sealing
D: Standard coil										T: Ceramic
S: Low consumption coil										
Auxiliary										
A: No										
C: 1 NO										

Example: LC1E350BSCT1S260N

Represents an Easy TeSys series DC contactor with the following specifications: 350 A current rating, 24 Vdc controlled double coil, 1NO auxiliary contact, main circuit with internal threaded terminals, and ceramic packaging.

Note:

1. For products with a current rating of 20 A-50 A: No auxiliary contacts are available; the coil control method is limited to single-coil.
2. For products with a current rating of 250 A-800 A: The coil control method is limited to double-coil.
3. Single-coil products do not have an energy-saving board; double-coil products come with a built-in energy-saving board. Products equipped with a built-in energy-saving board include a device for suppressing the reverse electromotive force of the coil.

***Note:** For single-coil products, to suppress the reverse electromotive force of the coil, it is recommended to connect a bidirectional TVS diode or a varistor (with a voltage of 1.5-2 times the rated voltage) in parallel with the coil. The use of a diode is not recommended.

EasyTeSys Epoxy packaged single coil



EasyTeSys Epoxy Packaged Single Coil

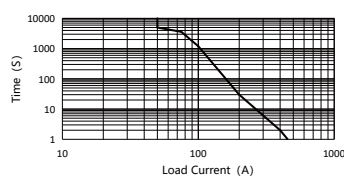
Circuits Characteristics

Contactor type		LC1E 50*D*H	LC1E 100*D*H	LC1E 150*D*H	LC1E 200*D*H	LC1E 250*D*H	LC1E 300*D*H
Main Circuits Characteristics							
Contact Resistance		≤2 mΩ (@50 A)	≤2 mΩ (@100 A)	≤0.5 mΩ (@150 A)	≤0.5 mΩ (@200 A)	≤0.5 mΩ (@250 A)	≤0.5 mΩ (@300 A)
Conventional Thermal Current Ith		50 A	100 A	150 A	200 A	250 A	300 A
Maximum Breaking Current		1000 A/ 320 Vdc 1 cycle	1000 A/ 320 Vdc 1 cycle	2000 A/ 320 Vdc 1 cycle	2000 A/ 320 Vdc 1 cycle	2000 A/ 320 Vdc 1 cycle	2000 A/ 320 Vdc 1 cycle
Maximum load voltage		1000 Vdc					
Mechanical Durability		300 k cycles					
Electrical Durability (resistive loads, 0.6s on 5.4s off, breaking only)		750 V/50 A	750 V 100 A	750 V/150 A	750 V/200 A	750 V/250 A	750 V/300 A
		1000 cycles	1000 cycles	1500 cycles	1500 cycles	1500 cycles	500 cycles
		1000 V/50 A	1000 V/100 A	1000 V/150 A	1000 V/200 A	1000 V/250 A	1000 V/300 A
		1000 cycles	1000 cycles	1000 cycles	1000 cycles	1000 cycles	500 cycles
Rated Insulation Voltage (Ui)		1000 Vdc		1500 Vdc			
Rated Impulse Withstand Voltage (Uimp)		6 kV		8 kV			
Insulation Resistance		1000 MΩ (1000 Vdc)					
Insulation Withstand Voltage		AC3000 V 1min					
Main Circuit Tightening Torque	Internal Thread	50-100 A, internal thread, M5: 3.5-4.5 NM					
	External Thread	150-300 A, external thread, M8: 8-10 NM					
Control Circuits Characteristics							
Coil Polarity		Non-polarized					
Coil Voltage		Optional: 12 Vdc, 24 Vdc, 48Vdc					
Coil Type		Single Coil					
Pickup Range		85%-110%					
Drop-out Voltage Range		10%-75%					
Pick-up Time		≤ 50 ms					
Release Time		≤ 30 ms					
Coil Consumption		≤ 5.5 W	≤ 5.5 W	≤ 7.2 W	≤ 7.2 W	≤ 7.2 W	≤ 7.2 W
Auxiliary Circuits Characteristics							
Contacts Type		Optional: 1NO, 1NC, Without Auxiliary Contact					
Contact Resistance		≤ 500 mΩ					
Minimum Load on		8 Vdc 100 mA					

EasyTeSys Epoxy Packaged Single Coil

short-time withstand

LC1E50*D*H



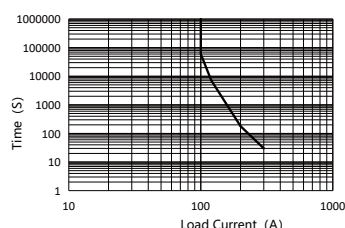
Current (A)

50
75
100
200
400
500

Time (s)

Continuous
3600
1200
30
2
0.6

LC1E100*D*H



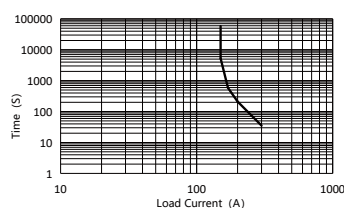
Current (A)

100
120
200
300

Time (s)

Continuous
7200
180
30

LC1E150*D*H



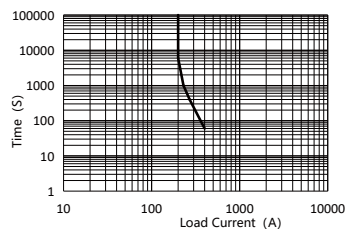
Current (A)

150
170
200
300

Time (s)

Continuous
1000
360
60

LC1E200*D*H



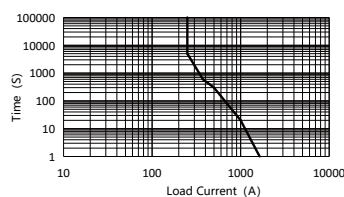
Current (A)

200
230
270
400

Time (s)

Continuous
1000
400
60

LC1E250*D*H



Current (A)

250
375
500
1000
2000

Time (s)

Continuous
600
300
20
0.3

LC1E300*D*H



Current (A)

300
400
600
1000

Time (s)

Continuous
600
300
30

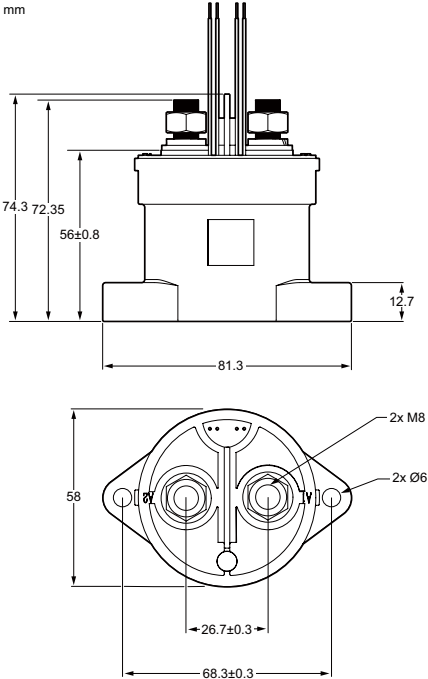
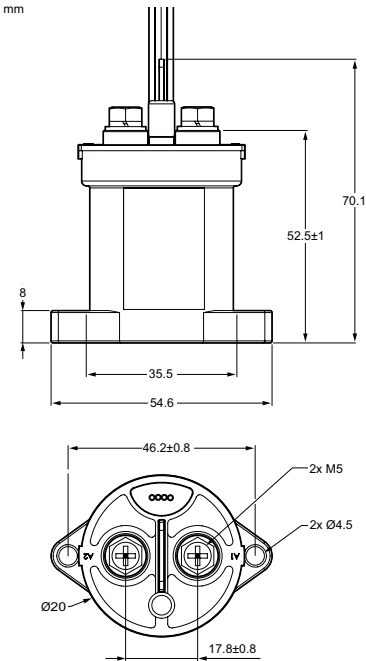
EasyTeSys Epoxy Packaged Single Coil

Dimensions and Wiring Diagram

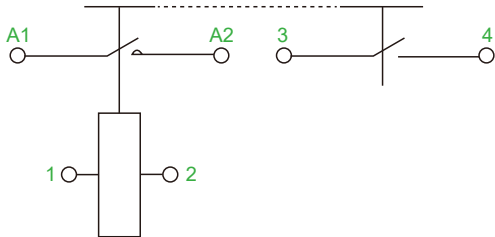
Dimensions

LC1E50*D*H to LC1E100*D*H

LC1E150*D*H to LC1E300*D*H



Wiring Diagram

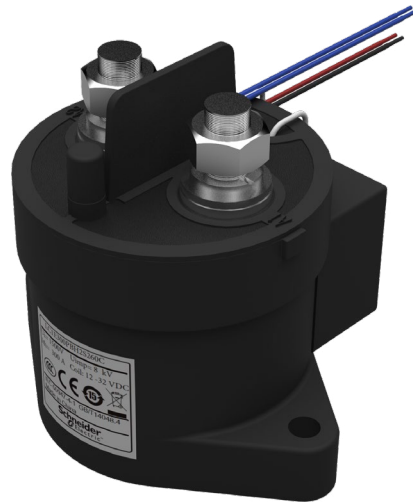


1, 2	Coil terminals: Without PCBA (Non-polarized)
A1, A2	Main contactor (NoN-polarized)
3, 4	Auxiliary contactor terminals 1 x NO

EasyTeSys Epoxy Packaged Double Coil and Wide Voltage DC Contactor

Environmental Characteristics

EasyTeSys Epoxy Packaged Double Coil and Wide Voltage DC Contactor



Environmental Characteristics

Contactor Type		LC1E 150*S*H	LC1E 150*P*H	LC1E 200*S*H	LC1E 200*P*H	LC1E 250*S*H	LC1E 250*P*H	LC1E 300*S*H	LC1E 300*P*H
Compliance With Standards		GB/T 14048.4, IEC 60947-4-1, UL 60947-4-1							
Product Certifications		CCC/CE/CB/UL/RoHs & Reach							
Connections	Coil	Pin-out							
	Load	External Thread							
Coil, Auxiliary Wire Length		40 cm							
Shock Resistance (11 ms)		20 g							
Vibrations Resistance (10...500Hz)		5 g							
Operating Altitude		Up to 4000 m							
Overvoltage Category		III							
Pollution Degree (IEC 60664-1)		3							
Mounting		Vertical/Horizontal							
									
Screws		Installed on Product							
Operation and Storage Conditions	Humidity	5%~95% RH							
	Temperature	-40°C~85°C							

EasyTeSys Epoxy Packaged Double Coil and Wide Voltage DC Contactor

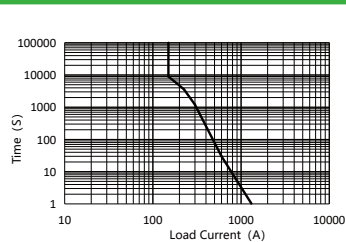
Circuits Characteristics

Contactor type		LC1E 150*S*H	LC1E 150*P*H	LC1E 200*S*H	LC1E 200*P*H	LC1E 250*S*H	LC1E 250*P*H	LC1E 300*S*H	LC1E 300*P*H
Main Circuits Characteristics									
Contact Polarity		non-polarized							
Contact Resistance		≤0.5mΩ (@150A)		≤0.5mΩ (@200A)		≤0.5mΩ (@250A)		≤0.5mΩ (@300A)	
Conventional Thermal Current (Ith)		150 A		200 A		250 A		300 A	
Maximum Breaking Current		2000A/320 Vdc 1 cycle							
Maximum Load Voltage		1000 Vdc							
Mechanical Durability		300 k cycles							
Electrical Durability (resistive loads, 0.6s on 5.4s off, break only)		750 V /150 A		750 V /200 A		750 V /250 A		750 V /300 A	
		1500 cycles		1500 cycles		1500 cycles		1500 cycles	
		1000 V /150 A		1000 V /200 A		1000 V /250 A		1000 V /300 A	
		1000 cycles		1000 cycles		1000 cycles		1000 cycles	
Rated Insulation Voltage (Ui)		1500 Vdc							
Rated Impulse Withstand Voltage (Uimp)		8 kV							
Insulation Resistance		1000 MΩ (1000 Vdc)							
Insulation Withstand Voltage		AC3000 V 1min							
Main Circuit Tightening Torque	External Thread	M8: 8-10 NM							
Control Circuits Characteristics									
Coil Polarity		Polarized							
Coil Voltage		Optional: 12 Vdc /24 Vdc /48 Vdc	12~32 Vdc	Optional: 12 Vdc /24 Vdc /48 Vdc	12~32 Vdc	Optional: 12 Vdc /24 Vdc /48 Vdc	12~32 Vdc	Optional: 12 Vdc /24 Vdc /48 Vdc	12~32 Vdc
Coil Type		Dual Coil	Wide-band	Dual Coil	Wide-band	Dual Coil	Wide-band	Dual Coil	Wide-band
Pick-up Voltage Range		85%-110%							
Drop-out Voltage Range		10%-75%							
Pick-up Cycle		30 ms							
Release Cycle		15 ms							
Coil Consumption		Start-up: ≤ 32 W Holding: ≤ 3.5W	Start-up: ≤ 28 W Holding: ≤ 2.4 W	Start-up: ≤ 32 W Holding: ≤ 3.5 W	Start-up: ≤ 28 W Holding: ≤ 2.4 W	Start-up: ≤ 32 W Holding: ≤ 3.5 W	Start-up: ≤ 28 W Holding: ≤ 2.4 W	Start-up: ≤ 32 W Holding: ≤ 3.5 W	Start-up: ≤ 28 W Holding: ≤ 2.4 W
Auxiliary Circuits Characteristics									
Contacts Method		Optional: 1 NO, 1 NC, without auxiliary contact							
Contact Resistance		≤ 500 mΩ							
Minimum Load on		8 Vdc 100 mA							

EasyTeSys Epoxy Packaged Double Coil and Wide Voltage DC Contactor

short-time withstand

LC1E150*S*H and LC1E150*P*H



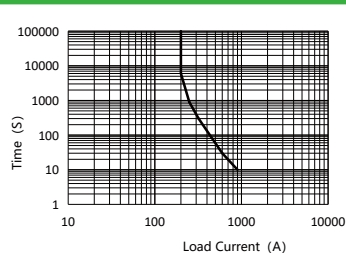
Current (A)

150
225
300
600
1500

Time (s)

Continuous
3600
1200
30
0.6

LC1E200*S*H and LC1E200*P*H



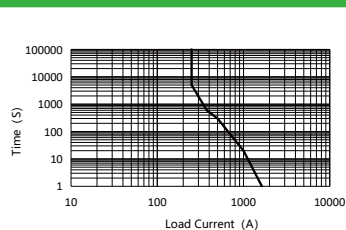
Current (A)

200
250
320
600
900

Time (s)

Continuous
900
300
30
10

LC1E250*S*H and LC1E250*P*H



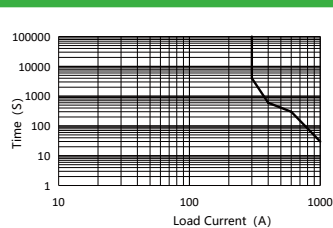
Current (A)

250
375
500
1000
2000

Time (s)

Continuous
600
300
20
0.3

LC1E300*S*H and LC1E300*P*H



Current (A)

300
400
600
1000
2000

Time (s)

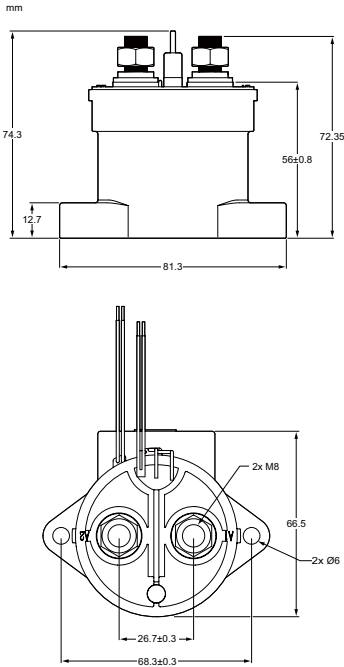
Continuous
600
300
30
0.3

EasyTeSys Epoxy Packaged Double Coil and Wide Voltage DC Contactor

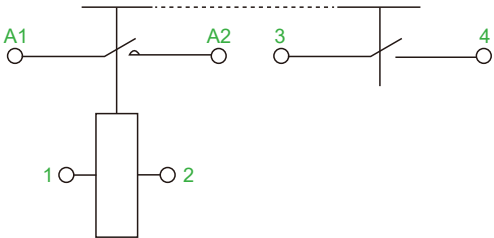
Dimensions and Wiring Diagram

Dimensions

LC1E150*S*H and LC1E150*P*H to LC1E300*S*H and LC1E300*P*H



Wiring Diagram

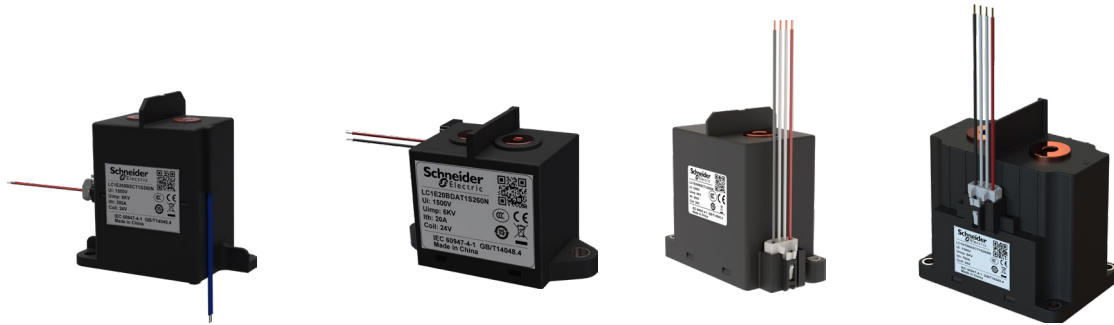


1, 2	Coil terminals: With PCBA (Polarized), Red +, Black -
A1, A2	Main contactor (NoN-polarized)
3, 4	Auxlairy contactor terminals 1 x NO

EasyTeSys Ceramic Packaged

Environmental Characteristics

EasyTeSys Ceramic Packaged



Environmental Characteristics										
Contactor type		LC1E 20*D*T	LC1E 50*D*T	LC1E 250*S*T	LC1E 350*S*T	LC1E 400*S*T	LC1E 500*S*T	LC1E 600*S*T	LC1E 750*S*T	LC1E 800*S*T
Compliance With Standards		GB/T 14048.4 IEC 60947-4-1 UL 60947-4-1								
Product Certifications		CCC/CE/CB/UL/RoHs & Reach								
Connections	Coil	Pin-out								
	Load	Internal Thread								
Coil, Auxiliary Circuit Wire Length		30 cm								
Shock Resistance (11 ms)		20 g								
Vibrations Resistance (10...500Hz)		5 g								
Operating Altitude		Up to 4000 m								
Overvoltage Category		II		III						
Pollution Degree (IEC 60664-1)		3								
Mounting		Vertical/Horizontal								
										
Screws Package		None								
Operation and Storage Conditions	Humidity	5%~95% RH								
	Temperature	-40°C~85°C								

EasyTeSys Ceramic Packaged

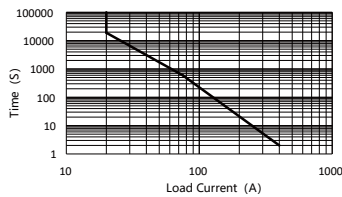
Circuits Characteristics

Contactor Type		LC1E 20*D*T	LC1E 50*D*T	LC1E 250*S*T	LC1E 350*S*T	LC1E 400*S*T	LC1E 500*S*T	LC1E 600*S*T	LC1E 750*S*T	LC1E 800*S*T
Main Circuits Characteristics										
Contact Polarity		non-polarized								
Contact Resistance		≤5 mΩ (@20 A)	≤5 mΩ (@50 A)	≤0.5mΩ (@250 A)	≤0.5 mΩ (@350 A)	≤0.5 mΩ (@400 A)	≤0.5 mΩ (@500 A)	≤0.5 mΩ (@600 A)	≤0.5 mΩ (@750 A)	≤0.5 mΩ (@800 A)
Conventional Thermal Current Ith		20 A	50 A	250 A	350 A	400 A	500 A	600 A	750 A	800 A
Maximum Breaking Current		500 A 750 Vdc /1 cycle		1000 A 1500 Vdc / 1 cycle	2000 A 1500 Vdc / 1 cycle					
Maximum Load Voltage		1500 Vdc								
Mechanical Durability		300 k cycles								
Electrical Durability (resistive loads, 0.6 s on 5.4 s off, break only)		1500 V /20 A 1000 Cycles	1500 V /30 A 1000 Cycles	1500 V /250 A 500 Cycles	1500 V /350 A 1000 Cycles	1500 V /400 A 1000 Cycles	1500 V /500 A 500 Cycles	1500 V /600 A 500 Cycles	1500 V /600 A 500 Cycles	1500 V /600 A 500 Cycles
		1000 V /20 A 1500 Cycles	1000 V /50 A 1500 Cycles	1000 V /250 A 1000 Cycles	1000 V /350 A 1500 Cycles	1000 V /400 A 1500 Cycles	1000 V /500 A 800 Cycles	1000 V /600 A 800 Cycles	1000 V /750 A 800 Cycles	1000 V /800 A 800 Cycles
		750 V /20 A 2000 Cycles	750 V /50 A 1500 Cycles	750 V /250 A 1500 Cycles	750 V /350 A 2000 Cycles	750 V /400 A 2000 Cycles	750V /500 A 1000 Cycles	750V /600 A 1000 Cycles	750 V /750 A 1000 Cycles	750 V /800 A 1000 Cycles
Rated Insulation Voltage (Ui)		1500 Vdc								
Rated Impulse Withstand Voltage (Uimp)		6 kV			8 kV					
Insulation Resistance		1000 MΩ (1000 Vdc)								
Insulation Withstand Voltage		AC3000 V 1min								
Main Circuit Tightening Torque	Internal Thread	M4: 2.5-3.5 NM		M6: 8-10 NM	M8: 8-10 NM					
Control Circuits Characteristics										
Coil Polarity		Non-Polarized			Polarized					
Coil Voltage		Optional: DC 12/24 V								
Coil Type		Singal coil			Dual coil					
Pull-in Voltage Scope		85%-110%								
Release Voltage Scope		10%-75%								
Pull-in Cycle		30 ms			50 ms					
Release Cycle		15 ms			30 ms					
Coil Consumption		≤ 2.6 W		Start-up: ≤ 50 W Holding: ≤ 3.5 W	Start-up: ≤ 55 W Holding: ≤ 6 W		Start-up: ≤ 55 W Holding: ≤ 5 W			
Auxiliary Circuits Characteristics										
Contacts Type		None			1 NO or no auxiliary contact					
Contact Resistance		≤ 500 mΩ								
Minimum Load on		N/A			8 Vdc 100 mA					

EasyTeSys Ceramic Packaged

short-time withstand

LC1E20*D*T



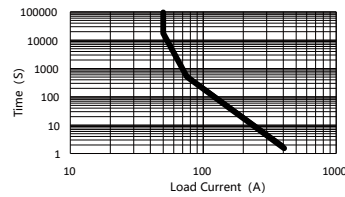
Current (A)

20
75
400

Time (s)

Continuous
600
2

LC1E50*D*T



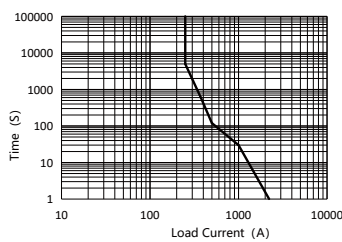
Current (A)

50
75
400

Time (s)

Continuous
600
2

LC1E250*S*T



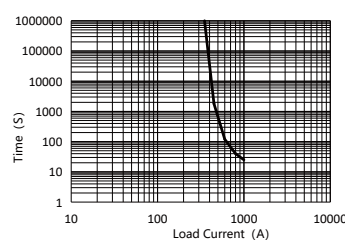
Current (A)

250
375
500
1000

Time (s)

Continuous
600
120
25

LC1E350*S*T



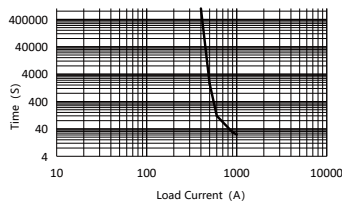
Current (A)

350
450
600
800
1000
2000

Time (s)

Continuous
1800
120
40
25
0.6

LC1E400*S*T



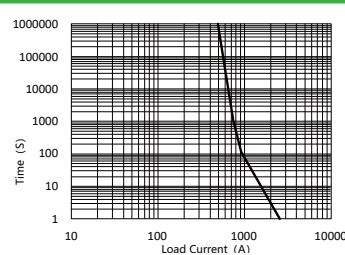
Current (A)

400
500
600
900
1000
2000

Time (s)

Continuous
1800
120
30
25
0.6

LC1E500*S*T



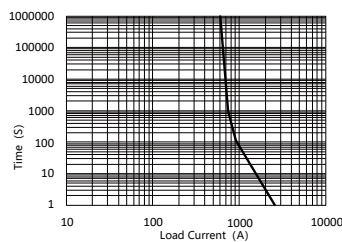
Current (A)

500
750
900
8000*

Time (s)

Continuous
900
120
0.005

LC1E600*S*T



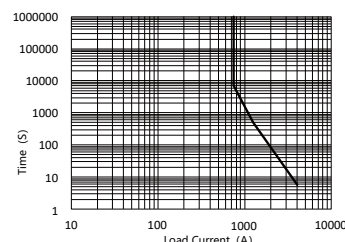
Current (A)

600
750
900
8000*

Time (s)

Continuous
900
120
0.005

LC1E750*S*T



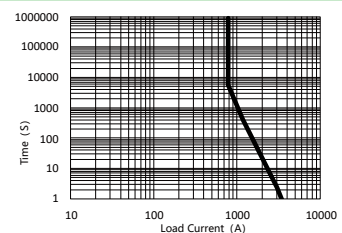
Current (A)

750
1200
4000*

Time (s)

Continuous
600
6

LC1E800*S*T



Current (A)

800
1200
3000
8000*

Time (s)

Continuous
600
4
0.005

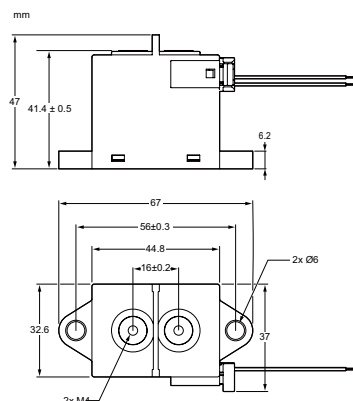
* After testing, no firing and no exploding

EasyTeSys Ceramic Packaged

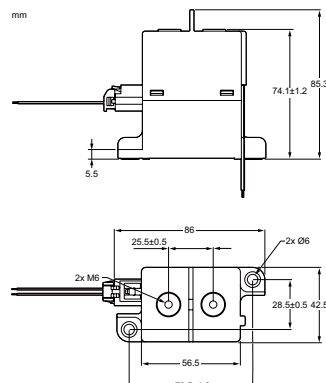
Dimensions and Wiring Diagram

Dimensions

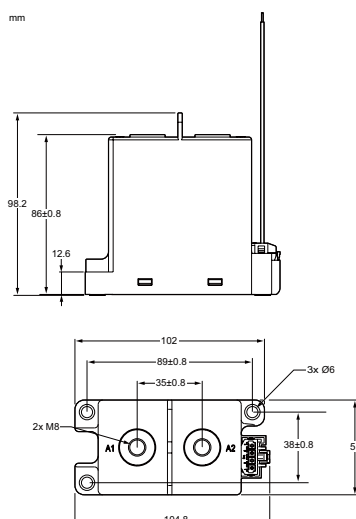
LC1E20*D*T and LC1E50*D*T



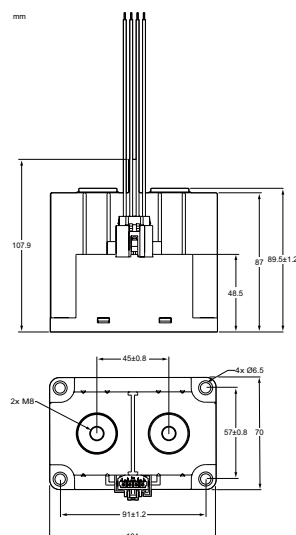
LC1E250*S*T



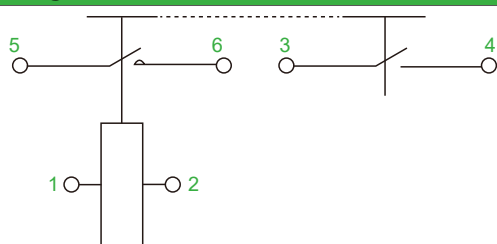
LC1E350*S*T and LC1E400*S*T



LC1E500*S*T and LC1E800*S*T



Wiring Diagram



1, 2 Coil terminals : LC1E250 (Polarized) Red +, Black -

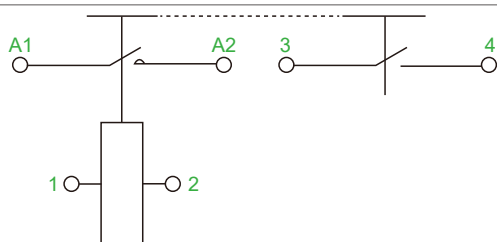
Coil terminals : LC1E20, LC1E50 (Non-polarized)

5, 6 Main Contactor (Non-polarized)

3, 4 Auxlairy Contactor terminals (LC1E20, LC1E50 None)

Auxlairy Contactor terminals (LC1E250 1 x NO)

LC1E20-250***S260*



1, 2 Coil terminals: LC1E350-800 (Polarized) Red +, Black -

A1, A2 Main Contactor (Non-polarized)

3, 4 Auxlairy Contactor terminals 1 x NO

LC1E350-800***S260*



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