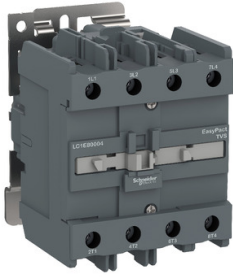


# Product datasheet

Specifications



## EasyPact TVS contactor 4P CTR 125A AC1(4NO)415V 50Hz WB

LC1E95004N5WB

⚠ Discontinued on: 30 Jun 2023

⚠ Discontinued

### Main

Range	Easy TeSys
Range of product	Easy TeSys Control
Product or component type	Contactor
Device short name	LC1E
Contactor application	Resistive load
Utilisation category	AC-1
Poles description	4P
[Ue] rated operational voltage	Power circuit: $\leq 690$ V AC 50/60 Hz
[Ie] rated operational current	125 A (at $\leq 55$ °C) at $\leq 440$ V AC AC-1 for power circuit
[Uc] control circuit voltage	415 V AC 50 Hz

### Complementary

Pole contact composition	4 NO
[Ith] conventional free air thermal current	125 A (at 55 °C) for power circuit
Irms rated making capacity	950 A at 440 V AC for power circuit conforming to IEC 60947-4-1
Rated breaking capacity	760 A at 440 V for power circuit conforming to IEC 60947
[Icw] rated short-time withstand current	135 A 40 °C - 600 s for power circuit 800 A 40 °C - 10 s for power circuit 400 A 40 °C - 60 s for power circuit
Associated fuse rating	160 A gG at $\leq 690$ V coordination type 1 for power circuit
Average impedance	0.8 mOhm - Ith 125 A 50 Hz for power circuit
Power dissipation per pole	12 W AC-1
[Ui] rated insulation voltage	690 V conforming to IEC 60947-4-1
Overvoltage category	III
Pollution degree	3
[Uimp] rated impulse withstand voltage	6 kV conforming to IEC 60947
Mechanical durability	3000000 cycles
Electrical durability	350000 cycles AC-1
Control circuit type	AC at 50 Hz wide range
Control circuit voltage limits	0.3...0.6 U <sub>c</sub> (-5...55 °C):drop-out 50 Hz 0.7...1.25 U <sub>c</sub> (-5...55 °C):operational 50 Hz
Inrush power in VA	200 VA 50 Hz cos phi 0.75 (at 20 °C)

<b>Hold-in power consumption in VA</b>	20 VA 50 Hz cos phi 0.3 (at 20 °C)
<b>Heat dissipation</b>	6...10 W for control circuit
<b>Operating time</b>	6...20 ms on opening 20...35 ms on closing
<b>Maximum operating rate</b>	1200 cyc/h 60 °C
<b>Connections - terminals</b>	Control circuit: screw clamp terminals 1 1...4 mm <sup>2</sup> - cable stiffness: flexible without cable end Control circuit: screw clamp terminals 2 1...4 mm <sup>2</sup> - cable stiffness: flexible without cable end Control circuit: screw clamp terminals 1 1...4 mm <sup>2</sup> - cable stiffness: flexible with cable end Control circuit: screw clamp terminals 2 1...2.5 mm <sup>2</sup> - cable stiffness: flexible with cable end Power circuit: screw clamp terminals 1 4...50 mm <sup>2</sup> - cable stiffness: flexible with cable end Power circuit: screw clamp terminals 2 4...16 mm <sup>2</sup> - cable stiffness: flexible with cable end Control circuit: screw clamp terminals 1 1...4 mm <sup>2</sup> - cable stiffness: solid Control circuit: screw clamp terminals 2 1...4 mm <sup>2</sup> - cable stiffness: solid Power circuit: screw clamp terminals 1 4...50 mm <sup>2</sup> - cable stiffness: solid Power circuit: screw clamp terminals 2 4...50 mm <sup>2</sup> - cable stiffness: solid
<b>Tightening torque</b>	Control circuit: 1.2 N.m Power circuit: 12 N.m
<b>Auxiliary contact composition</b>	Without
<b>Mounting support</b>	Plate DIN rail

## Environment

<b>Standards</b>	EN/IEC 60947-1 EN/IEC 60947-4-1 EN/IEC 60947-5-1 GB/T 14048.1 GB/T 14048.4 GB/T 14048.5
<b>Product certifications</b>	CB Scheme CCC CE EAC
<b>IP degree of protection</b>	IP20 conforming to IEC 60529
<b>Protective treatment</b>	TH conforming to IEC 60068-2-30
<b>Permissible ambient air temperature around the device</b>	-20...70 °C at U <sub>c</sub> -60...80 °C storage -5...55 °C operation
<b>Operating altitude</b>	3000 m without derating
<b>Fire resistance</b>	850 °C conforming to IEC 60695-2-1
<b>Mechanical robustness</b>	Vibrations contactor open (1.5 Gn, 5...300 Hz) Vibrations contactor closed (3 Gn, 5...300 Hz) Shocks contactor open (6 Gn for 11 ms) Shocks contactor closed (7 Gn for 11 ms)
<b>Height</b>	127 mm
<b>Width</b>	95 mm
<b>Depth</b>	135 mm
<b>Net weight</b>	1.6 kg

## Packing Units

<b>Unit Type of Package 1</b>	PCE
-------------------------------	-----

<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	12.5 cm
<b>Package 1 Width</b>	8.5 cm
<b>Package 1 Length</b>	12.5 cm
<b>Package 1 Weight</b>	1650 g
<b>Unit Type of Package 2</b>	S03
<b>Number of Units in Package 2</b>	6
<b>Package 2 Height</b>	30 cm
<b>Package 2 Width</b>	30 cm
<b>Package 2 Length</b>	40 cm
<b>Package 2 Weight</b>	10420 g
<b>Unit Type of Package 3</b>	P06
<b>Number of Units in Package 3</b>	48
<b>Package 3 Height</b>	72.5 cm
<b>Package 3 Width</b>	62 cm
<b>Package 3 Length</b>	81 cm
<b>Package 3 Weight</b>	125040 g

## Contractual warranty

<b>Warranty (in months)</b>	18
-----------------------------	----



## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)



### Environmental footprint

[Environmental Disclosure](#)

[Product Environmental Profile](#)

## Use Better



### Materials and Substances

Packaging made with recycled cardboard

Yes

Packaging without single use plastic

No

SCIP Number

D35ed203-a299-4dcd-95fe-2a4557618485

EU RoHS Directive

[Compliant By Exemption](#)

## Use Longer



### Lifetime extension

Repair

No

## Use Again



### Repack and remanufacture

End of life manual availability

[End of Life Information](#)

WEEE Label



The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins