

Lembar data produk

Spesifikasi



EasyPact TVS contactor 4P(4 NO) - AC-1 - <= 415 V 40A - 220 V AC coil

LC1E25004M7

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: <= 690 V AC 50/60 Hz
[Ie] Rated Operational Current	40 A (at <60 °C) at <= 415 V AC AC-1 for power circuit
[Uc] Control Circuit Voltage	220 V AC 50/60 Hz

Complementary

Pole Contact Composition	4 NO
[Ith] Conventional Free Air Thermal Current	40 A (at 60 °C) for power circuit
Irms Rated Making Capacity	250 A at 440 V AC for power circuit conforming to IEC 60947-4-1
Rated Breaking Capacity	200 A at 440 V for power circuit conforming to IEC 60947
[Icw] Rated Short-Time Withstand Current	240 A 40 °C - 10 s for power circuit 120 A 40 °C - 60 s for power circuit 50 A 40 °C - 600 s for power circuit
Associated Fuse Rating	40 A gG at <= 690 V coordination type 1 for power circuit conforming to IEC 60947-5-1
Average Impedance	2.5 mOhm - Ith 40 A 50 Hz for power circuit
Power Dissipation Per Pole	1.6 W AC-3 3.2 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	10000000 cycles
Electrical Durability	1200000 cycles AC-3 350000 cycles AC-1
Control Circuit Type	AC at 50/60 Hz
Control Circuit Voltage Limits	0.85...1.1 Uc (-5...55 °C):operational 50/60 Hz 0.3...0.6 Uc (-5...55 °C):drop-out 50/60 Hz

Disklaimer: Dokumentasi ini tidak ditujukan sebagai pengganti dan tidak untuk digunakan untuk menentukan kesesuaian atau keandalan produk ini untuk aplikasi pengguna

Inrush Power In Va	95 VA 50 Hz cos phi 0.75 (at 20 °C) 95 VA 60 Hz cos phi 0.75 (at 20 °C)
Hold-In Power Consumption In Va	8.3 VA 50 Hz cos phi 0.3 (at 20 °C) 8.5 VA 60 Hz cos phi 0.3 (at 20 °C)
Heat Dissipation	2...3 W for control circuit
Operating Time	12...22 ms on closing 4...19 ms on opening
Maximum Operating Rate	1800 cyc/h 60 °C
Connections - Terminals	Control circuit: screw clamp terminals 1 1...4 mm² - cable stiffness: flexible without cable end Control circuit: screw clamp terminals 2 1...4 mm² - cable stiffness: flexible without cable end Control circuit: screw clamp terminals 1 1...4 mm² - cable stiffness: flexible with cable end Control circuit: screw clamp terminals 2 1...2.5 mm² - cable stiffness: flexible with cable end Control circuit: screw clamp terminals 1 1...4 mm² - cable stiffness: solid without cable end Control circuit: screw clamp terminals 2 1...4 mm² - cable stiffness: solid without cable end Power circuit: screw clamp terminals 1 1.5...6 mm² - cable stiffness: solid without cable end Power circuit: screw clamp terminals 2 1.5...6 mm² - cable stiffness: solid without cable end Power circuit: screw clamp terminals 1 1...6 mm² - cable stiffness: flexible with cable end Power circuit: screw clamp terminals 2 1...4 mm² - cable stiffness: flexible with cable end
Tightening Torque	Control circuit: 1.2 N.m Power circuit: 1.5 N.m
Insulation Resistance	> 10 MOhm for control circuit
Mounting Support	DIN rail Plate

Environment

Standards	IEC 60947-1 IEC 60947-4-1 IEC 60947-5-1
Product Certifications	EAC CE
Ip Degree Of Protection	IP2X conforming to IEC 60529
Protective Treatment	TH (pollution degree 3) conforming to IEC 60068-2-30 test Db
Permissible Ambient Air Temperature Around The Device	-20...70 °C at Uc -60...80 °C storage -5...55 °C operation
Operating Altitude	3000 m without derating
Fire Resistance	850 °C conforming to IEC 60695-2-1
Mechanical Robustness	Vibrations contactor open (1.5 Gn, 5...300 Hz) Vibrations contactor closed (3 Gn, 5...300 Hz) Shocks contactor closed (10 Gn for 11 ms) Shocks contactor open (6 Gn for 11 ms)
Height	64 mm
Width	56 mm
Depth	93 mm
Net Weight	0.52 kg

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	9.9 cm
Package 1 Width	5.7 cm
Package 1 Length	8.4 cm
Package 1 Weight	554 g
Unit Type Of Package 2	S02
Number Of Units In Package 2	22
Package 2 Height	15 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	12.188 kg
Unit Type Of Package 3	P06
Number Of Units In Package 3	352
Package 3 Height	60 cm
Package 3 Width	80 cm
Package 3 Length	75 cm
Package 3 Weight	203.008 kg

Contractual warranty

Warranty	12 months
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Keberlanjutan

Green Premium™ label adalah komitmen Schneider Electric untuk memberikan produk dengan performa lingkungan terbaik di kelasnya. Green Premium menjanjikan kepatuhan pada peraturan terbaru, transparansi pada dampak lingkungan, serta produk melingkar dan rendah CO₂.

Panduan untuk menilai keberlanjutan produk adalah laporan resmi yang menjelaskan standar label lingkungan global dan bagaimana menafsirkan deklarasi lingkungan.

[Pelajari lebih lanjut tentang Green Premium >](#)

[Panduan untuk menilai keberlanjutan produk >](#)



Transparansi RoHS/REACH

Kinerja kesejahteraan

✓	Reach Free Of Svhc	
✓	Toxic Heavy Metal Free	
✓	Mercury Free	
✓	Rohs Exemption Information	Yes

Sertifikasi & Standar

Reach Regulation	REACH Declaration
Eu Rohs Directive	Compliant EU RoHS Declaration
China Rohs Regulation	China RoHS declaration
Environmental Disclosure	Product Environmental Profile
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Circularity Profile	End of Life Information