

Lembar data produk

Spesifikasi



EasyPact TVS contactor 4P(4 NO) - AC-1 - <= 415 V 60A - 220 V AC coil

LC1E40004M7

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	60 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	60 A (at 60 °C)
Irms Rated Making Capacity	400 A at 440 V AC for power circuit conforming to IEC 60947-4-1
Rated Breaking Capacity	320 A at 440 V for power circuit conforming to IEC 60947
[Icw] Rated Short-Time Withstand Current	320 A 40 °C - 10 s for power circuit 165 A 40 °C - 60 s for power circuit 72 A 40 °C - 600 s for power circuit
Associated Fuse Rating	80 A gG at <= 690 V coordination type 1 for power circuit conforming to IEC 60947-5-1
Average Impedance	1.5 mOhm - Ith 60 A 50 Hz for power circuit
Power Dissipation Per Pole	2.4 W AC-3 5.4 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	5000000 cycles
Electrical Durability	350000 cycles AC-1 900000 cycles AC-3
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

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Inrush Power In Va	160 VA 50 Hz cos phi 0.75 (at 20 °C) 140 VA 60 Hz cos phi 0.75 (at 20 °C)
Hold-In Power Consumption In Va	15 VA 50 Hz cos phi 0.3 (at 20 °C) 13 VA 60 Hz cos phi 0.3 (at 20 °C)
Heat Dissipation	6...10 W for control circuit
Operating Time	20...26 ms on closing 8...12 ms on opening
Maximum Operating Rate	1200 cyc/h 60 °C
Connections - Terminals	Control circuit: screw clamp terminals 1 1...4 mm ² - cable stiffness: flexible without cable end Control circuit: screw clamp terminals 2 1...4 mm ² - cable stiffness: flexible without cable end Control circuit: screw clamp terminals 1 1...4 mm ² - cable stiffness: flexible with cable end Control circuit: screw clamp terminals 2 1...2.5 mm ² - cable stiffness: flexible with cable end Control circuit: screw clamp terminals 1 1...4 mm ² - cable stiffness: solid without cable end Control circuit: screw clamp terminals 2 1...4 mm ² - cable stiffness: solid without cable end Power circuit: screw clamp terminals 1 2.5...25 mm ² - cable stiffness: flexible with cable end Power circuit: screw clamp terminals 2 2.5...10 mm ² - cable stiffness: flexible with cable end Power circuit: screw clamp terminals 1 2.5...25 mm ² - cable stiffness: solid without cable end Power circuit: screw clamp terminals 2 2.5...16 mm ² - cable stiffness: solid without cable end
Tightening Torque	Control circuit: 1.2 N.m Power circuit: 5 N.m
Insulation Resistance	> 10 MOhm for control circuit
Mounting Support	DIN rail Plate

Environment

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 open (6 Gn for 11 ms) Shocks contactor closed (7 Gn for 11 ms)
Height	127 mm
Width	85 mm
Depth	110 mm
Net Weight	1.3 kg

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1

Package 1 Height	12.5 cm
Package 1 Width	8.5 cm
Package 1 Length	12.5 cm
Package 1 Weight	1.4 kg
Unit Type Of Package 2	S03
Number Of Units In Package 2	6
Package 2 Height	30 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	8.92 kg
Unit Type Of Package 3	P06
Number Of Units In Package 3	48
Package 3 Height	72.5 cm
Package 3 Width	62 cm
Package 3 Length	81 cm
Package 3 Weight	107.04 kg

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.

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[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