

Tehničke karakteristike proizvoda

Karakteristike

LC1E1810B7

EasyPact TVS contactor 3P(3 NO) - AC-3 - ≤
440 V 18A - 24 V AC coil



Osnovne informacije

Grupa proizvoda	EasyPact
Ime proizvoda	EasyPact TVS
Tip proizvoda ili komponente	Kontaktor
Kratko ime uređaja	LC1E
Primena kontaktora	Rezistivno opterećenje Upravljanje motorom
Kategorija upotrebe	AC-3 AC-1
Broj polova	3P
Raspored kontakata	3 NO
[ue] nazivni napon	Power circuit: ≤ 690 V AC 50/60 Hz
[ie] nazivna struja	32 A (at <60 °C) at ≤ 415 V AC AC-1 for power circuit 18 A (at <60 °C) at ≤ 440 V AC AC-3 for power circuit
Snaga motora kw	4 KW at 220...230 V AC 50/60 Hz 7.5 KW at 380...400 V 9 KW at 415 V 9 KW at 440 V 10 KW at 500 V 10 kW at 660...690 V
Tip upravljačkog kola	AC at 50/60 Hz
Napon upravljačkog kola	24 V AC 50/60 Hz
Visina	74 mm
Širina	45 mm
Dubina	80 mm
Masa proizvoda	0,3 kg
Boja	Grey (RAL 7011)

Dopunske informacije

Sastav pomoćnog kontakta	1 NO
[uimp] nazivni podnosivi impulsni napon	6 kV coil not connected to the power circuit conforming to IEC 60947
[ui] nazivni napon izolacije	690 V conforming to IEC 60947-4-1
Kategorija prenapona	III
Irms nazivna moć uključanja	180 A at 440 V AC for power circuit conforming to IEC 60947-4-1
Nazivna prekidna moć	144 A at 440 V for power circuit conforming to IEC 60947
[icw] kratkotrajna podnosiva struja kratkog spoja	145 A 40 °C - 10 s for power circuit 84 A 40 °C - 60 s for power circuit 40 A 40 °C - 600 s for power circuit
Pripadajući osigurač	10 A gG at ≤ 690 V coordination type 1 for control circuit conforming to IEC 60947-5-1 35 A gG at ≤ 690 V coordination type 1 for power circuit
Prosečna impedansa	2.5 mOhm - Ith 32 A 50 Hz for power circuit
Snaga disipacije po polu	0.81 W AC-3 2.6 W AC-1
Ograničenje napona upravljačkog kola	Operational: 0.85...1.1 Uc at 50/60 Hz (at <55 °C) Drop-out: 0.3...0.6 Uc at 50/60 Hz (at <55 °C)

Vreme uključenja/isključenja	12...22 ms on closing 4...19 ms on opening
Mehanička trajnost	10000000 ciklusa
Maksimalni radni ciklus	1800 cyc/h 60 °C
Udar na snagu u va	95 VA 50 Hz cos phi 0.75 (at 20 °C) 95 VA 60 Hz cos phi 0.75 (at 20 °C)
Snaga držanja u 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)
Disipacija toplote	2...3 W for control circuit
Minimalna struja preklapanja	5 mA for control circuit
Minimalni napon preklapanja	17 V for control circuit
Vreme neprekidanja	1.5 Ms on energisation guaranteed between NC and NO contact 1.5 ms on de-energisation guaranteed between NC and NO contact
Otpornost izolacije	> 10 MOhm for control circuit
Električna trajnost	300000 Cycles AC-1 1200000 cycles AC-3
Nosači za montažu	Ploča DIN šina
Povezivanje - priključci	Power circuit: screw clamp terminals 1 1...4 mm ² - cable stiffness: flexible with cable end Power 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: 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 1.5...6 mm ² - cable stiffness: solid without cable end Power circuit: screw clamp terminals 2 1.5...6 mm ² - cable stiffness: solid without cable end
Moment pritezanja	Power circuit: 1.2 N.m Upravljačko kolo: 1,2 N.m
Moment pritezanja	Power circuit: 1.4 N.m Control circuit: 1.4 N.m

Okruženje

Standardi	IEC 60947-5-1 IEC 60947-4-1 IEC 60947-1
Sertifikacija proizvoda	EAC CE
Ip stepen zaštite	IP2x conforming to IEC 60529
Zaštitni tretman	TH (pollution degree 3) conforming to IEC 60068-2-30 test Db
Stepen zaprljanosti	3
Temperatura okoline za rad uređaja	-5...55 °C
Temperatura okoline za skladištenje	-60...80 °C
Dopustiva temperatura u okolini uređaja	-20...70 °C at Uc
Nadmorska visina za rad uređaja	3000 m without derating
Otpornost na vatru	850 °C conforming to IEC 60695-2-1
Mehanička robusnost	Vibrations contactor open: 1.5 Gn, 5...300 Hz Vibrations contactor closed: 3 Gn, 5...300 Hz Shocks contactor open: 7 Gn for 11 ms Shocks contactor closed: 10 Gn for 11 ms

Offer Sustainability

Status održive ponude	Green Premium proizvod
Propis REACh	REACh Deklaracija
REACh bez SVHC	Da
EU RoHS direktiva	Usaglašeno EU RoHS Deklaracija
Bez toksičnih teških metala	Da
Bez žive	Da
Informacije o RoHS izuzecima	Da
RoHS regulativa za Kinu	RoHS Deklaracija Za Kinu
Izjava o zaštiti okoliša	Profil Ekološke Prihvatljivosti Proizvoda
WEEE	Ovaj proizvod je na tržištima Evropske unije neophodno odložiti u skladu sa specifičnim smernicama za prikupljanje otpada i nikako ne sme da dospe u kontejnere za otpatke.