



Galvenā

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| Diapazons | TeSys |
| Produkta nosaukums | TeSys F |
| Produkta vai sastāvdaļas veids | Contactora |
| Ieīces īsais nosaukums | LC1F |
| Contactora application | Resistive load Motor control |
| Utilisation category | AC-3 AC-4 AC-1 |
| Polu skaits | 3P |
| Power pole contact composition | 3 NO |
| [Ie] rated operational current | 350 A 40 °C) ≤ 440 V AC AC-1 265 A 55 °C) ≤ 440 V AC AC-3 |
| Motor power kW | 132 kW at 380...400 V AC 50/60 Hz (AC-3) 140 kW at 415 V AC 50/60 Hz (AC-3) 140 kW at 440 V AC 50/60 Hz (AC-3) 147 kW at 1000 V AC 50/60 Hz (AC-3) 160 kW at 500 V AC 50/60 Hz (AC-3) 75 kW at 220...240 V AC 50/60 Hz (AC-3) 160 kW at 660...690 V AC 50/60 Hz (AC-3) 51 kW at 400 V AC 50/60 Hz (AC-4) |

Papildinoīšs

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| [Uc] control circuit voltage | 24...1000 V AC 40...400 Hz with LX1/LX9 coil 24...460 V DC with LX4 coil 100...250 V AC 50/60 Hz with LXE coil 100...380 V with LXE coil |
| [Uimp] rated impulse withstand voltage | 8 kV |
| Pārsprieguma kategorija | III |
| [Ith] conventional free air thermal current | 350 A (at 40 °C) |
| Irms rated making capacity | 2650 A AC conforming to IEC 60947-4-1 |
| Rated breaking capacity | 2120 A conforming to IEC 60947-4-1 |
| [Icw] rated short-time withstand current | 2200 A 40 °C - 10 s 1230 A 40 °C - 30 s 950 A 40 °C - 1 min 620 A 40 °C - 3 min 480 A 40 °C - 10 min |
| Associated fuse rating | 315 aM at ≤ 440 V 400 aG at ≤ 440 V |
| Average impedance | 0,3 mhm - Ith 350 A 50 Hz |
| [Ui] rated insulation voltage | 1000 V IEC 60947-4-1 1500 V VDE 0110 group C |
| Power dissipation per pole | 37 W AC-1 21 W AC-3 |
| Control circuit voltage limits | Operational: 0.85...1.1 Uc AC 40...400 Hz with LX1/LX9 coil Drop-out: 0.35...0.55 Uc AC 40...400 Hz with LX1/LX9 coil Operational: 0.85...1.1 Uc DC with LX4 coil Drop-out: 0.15...0.2 Uc DC with LX4 coil Operational: 85...275 V AC 50/60 Hz with LXE coil Drop-out: 0...60 V AC 50/60 Hz with LXE coil Operational: 85...418 V DC with LXE coil Drop-out: 0...45 V DC with LXE coil |

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| Heat dissipation | 8 W 2,2...2,5 W |
| Operating time | 40...65 ms closing with LX1/LX9 coil 100...170 ms opening with LX1/LX9 coil 40...50 ms closing with LX4 coil 40...65 ms opening with LX4 coil 40...80 ms closing with LXE coil 6...54 ms opening with LXE coil |
| Montāžas stiprinājums | Plāksne |
| Standarti | IEC 60947-1 IEC 60947-4-1 JIS C8201-4-1 EN 60947-1 EN 60947-4-1 |
| Produkta sertifikācija | ABS[RETURN]CB[RETURN]DNV[RETURN]RMRoS[RETURN]JUL[RETURN]CSA[RETURN]RINA[RETURN] (Lloyds register of shipping)[RETURN]BV[RETURN]JUKCA |
| Connections - terminals | Strāvas ķēde bar 2 32 x 4 mm Strāvas ķēde lugs-ring terminals 1 240 mm ² Strāvas ķēde connector 1 240 mm ² Strāvas ķēde bolted connection Control circuit screw clamp terminals 1 1...4 mm ² elastīgs without cable end Control circuit screw clamp terminals 2 1...4 mm ² elastīgs with cable end Control circuit screw clamp terminals 1 1...4 mm ² elastīgs with cable end Control circuit screw clamp terminals 2 1...2,5 mm ² ciets without cable end Control circuit screw clamp terminals 1 1...4 mm ² Control circuit screw clamp terminals 2 1...4 mm ² Control circuit screw clamp terminals 1,0 0,2...2,5 mm ² elastīgs without cable end Control circuit screw clamp terminals 1,0 0,25...2,5 mm ² elastīgs with cable end Control circuit screw clamp terminals 1,0 0,2...2,5 mm ² ciets without cable end |
| Tightening torque | Strāvas ķēde 35 N.m Control circuit 1,2 N.m Control circuit 0,6 N.m |
| Mehāniskā izturība | 10 M cikli |
| Inrush power in VA | 600...700 VA, 40...400 Hz cos phi 0,9 (at 20 °C)with LX1/LX9 coil 655...803 VA (at 20 °C)with LX4 coil 300...350 VA, 50/60 Hz cos phi 0,5 (at 20 °C)with LXE coil 300...310 VA (at 20 °C)with LXE coil |
| Hold-in power consumption in VA | 8...10 VA, 40...400 Hz cos phi 0,9 (at 20 °C)with LX1/LX9 coil 3,68...4,53 VA (at 20 °C)with LX4 coil 4,5...7,0 VA, 50/60 Hz cos phi 0,5 (at 20 °C)with LXE coil 2,5...4,0 VA (at 20 °C)with LXE coil |
| Maximum operating rate | 2400 cikls/h 55 °C |
| Compatibility code | LC1F |
| [Ue] rated operational voltage | <= 1000 V AC-1 <= 690 V AC-3 <= 690 V AC-4 <= 460 V DC |

Vide

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| IP degree of protection | IP20 priekšpuse with shrouds IEC 60529 IP20 priekšpuse with shrouds VDE 0106 |
| Protective treatment | TH |
| Apkārtējā gaisa temperatūra darbībai | -5...55 °C |
| Apkārtējā gaisa temperatūra uzglabāšanai | -60...80 °C |
| Permissible ambient air temperature around the device | -40...70 °C |
| Darbības augstums | 3000 m bez pazemināšanas |
| Mechanical robustness | Vibrations contactor open2 Gn, 5...300 Hz Vibrations contactor closed5 Gn, 5...300 Hz Shocks contactor open6 Gn for 1/2 sine wave (11 ms) Shocks contactor closed15 Gn for 1/2 sine wave (11 ms) |
| Augstums | 203 mm |
| Platums | 201,5 mm |
| Dziļums | 213 mm |
| Neto svars | 8,54 kg |

Iepakojšanas vienības

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| Pirmā iepakojuma vienības tips | PCE |
| Vienību skaits 1. iepakojumā | 1 |
| 1. iepakojuma augstums | 25,000 cm |
| 1. iepakojuma platums | 25,000 cm |
| 1. iepakojuma garums | 28,000 cm |
| 1. iepakojuma svars | 7,159 kg |
| Otrā iepakojuma vienības tips | P06 |
| Vienību skaits 2. iepakojumā | 12 |
| 2. iepakojuma augstums | 75,000 cm |
| 2. iepakojuma platums | 60,000 cm |
| 2. iepakojuma garums | 80,000 cm |
| 2. iepakojuma svars | 95,140 kg |

Piedāvājiēt ilgtspēju

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| Ilgtspējīgs piedāvājuma statuss | Green Premium izstrādājums |
| REACH regula | REACH Deklarācija |
| ES RoHS direktīva | Atbilst izņēmumiem |
| Nesatur dzīvsudrabu | Jā |
| Ķīnas RoHS regula | Ķīnas RoHS Deklarācija |
| Informācija par RoHS izņēmumiem | Jā |
| Vides informācijas publiskošana | Produkta Ietekme Uz Vidi |
| Cirkularitātes profils | Informācija Par Eksploatācijas Izbeigšanu |
| WEEE | Eiropas Savienības tirgū no šī produkta ir jāatbrīvojas, ievērojot noteiktu atkritumu savākšanas kārtību, un produkts nedrīkst nonākt sadzīves atkritumu tvertnēs. |
| Nesatur PVH | Jā |

Līguma garantija

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| Garantija | 18 months |
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