

## Mer om LC3D32AP7

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## LC3D32AP7

### Stjerne-/trekant 32A 230VAC

EI-nummer: 4176675

EAN: 3389110550382



Last ned produktdatablad for LC3D32AP7

#### Karakteristikk

##### Teknisk informasjon

|                                 |                                                                                                                                                                                                                                                                      |
|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Serie                           | TeSys                                                                                                                                                                                                                                                                |
| Produktnavn                     | TeSys D                                                                                                                                                                                                                                                              |
| Produkt eller type komponent    | Stjerner trekant                                                                                                                                                                                                                                                     |
| Kortnavn utstyr                 | LC3D                                                                                                                                                                                                                                                                 |
| Contact application             | Motor control                                                                                                                                                                                                                                                        |
| Driftskategori                  | AC-3                                                                                                                                                                                                                                                                 |
| Enhetens utseende               | Ferdigmontert                                                                                                                                                                                                                                                        |
| Polene beskrivelse              | 3 x 3P                                                                                                                                                                                                                                                               |
| Power pole contact composition  | 3 x 3 NO                                                                                                                                                                                                                                                             |
| [Ue] merkespenning              | Power circuit: ≤ 690 V AC 25...400 Hz                                                                                                                                                                                                                                |
| [Ie] nominell driftsstrøm       | 32 A 60 °C) på ≤ 440 V AC AC-3 for hovedstrøm                                                                                                                                                                                                                        |
| Motoreffekt kW                  | 15 kW at 220/230 V AC 50/60 Hz<br>25 kW at 380/400 V AC 50/60 Hz<br>30 kW at 415 V AC 50/60 Hz<br>30 kW på 440 V AC 50/60 Hz                                                                                                                                         |
| Kontrollkretstype               | AC på 50/60 Hz                                                                                                                                                                                                                                                       |
| Styrespenning                   | 230 V AC 50/60 Hz                                                                                                                                                                                                                                                    |
| Hjelpkontakt sammensetning      | 1 NC for KM1 star contactor                                                                                                                                                                                                                                          |
| [Uimp] Nominell impuls spenning | 6 kV conforming to IEC 60947                                                                                                                                                                                                                                         |
| Overspenningskategori           | III                                                                                                                                                                                                                                                                  |
| [Ui] isolasjonsspenning         | Hovedstrøm: 690 V i samsvar med IEC 60947-4-1<br>Power circuit: 600 V CSA certified<br>Power circuit: 600 V UL certified<br>Signalling circuit: 690 V conforming to IEC 60947-1<br>Signalling circuit: 600 V CSA certified<br>Signalling circuit: 600 V UL certified |
| Elektrisk levetid               | 1,65 Mcycles 32 A AC-3 på Ue ≤ 440 V                                                                                                                                                                                                                                 |
| Safety cover                    | Beskyttelsesdeksel                                                                                                                                                                                                                                                   |
| Type låsing                     | Mechanical                                                                                                                                                                                                                                                           |
| Montering                       | Plate                                                                                                                                                                                                                                                                |

|                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Standarder</b>                     | EN 60947-4-1<br>IEC 60947-5-1<br>CSA C22.2 No 14<br>EN 60947-5-1<br>UL 508<br>IEC 60947-4-1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Produktsertifikater</b>            | GOST<br>RINA<br>UL<br>CSA<br>BV<br>DNV<br>LROS (Lloyds register of shipping)<br>CCC<br>GL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Komplementær</b>                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Tilkoblingsklemmer</b>             | Control circuit: screw clamp terminals 1 1...4 mm <sup>2</sup><br>- cable stiffness: flexible without cable end<br>Control circuit: screw clamp terminals 2 1...4 mm <sup>2</sup><br>- cable stiffness: flexible without cable end<br>Control circuit: screw clamp terminals 1 1...4 mm <sup>2</sup><br>- cable stiffness: flexible with cable end<br>Control circuit: screw clamp terminals 2 1...<br>2.5 mm <sup>2</sup> - cable stiffness: flexible with cable end<br>Control circuit: screw clamp terminals 1 1...4 mm <sup>2</sup><br>- cable stiffness: solid without cable end<br>Control circuit: screw clamp terminals 2 1...4 mm <sup>2</sup><br>- cable stiffness: solid without cable end<br>Power circuit: screw clamp terminals 1 2.5...<br>10 mm <sup>2</sup> - cable stiffness: flexible without cable<br>end<br>Power circuit: screw clamp terminals 2 2.5...<br>10 mm <sup>2</sup> - cable stiffness: flexible without cable<br>end<br>Power circuit: screw clamp terminals 1 1...<br>10 mm <sup>2</sup> - cable stiffness: flexible with cable end<br>Power circuit: screw clamp terminals 2 1.5...<br>6 mm <sup>2</sup> - cable stiffness: flexible with cable end<br>Power circuit: screw clamp terminals 1 1.5...<br>10 mm <sup>2</sup> - cable stiffness: solid without cable end<br>Power circuit: screw clamp terminals 2 2.5...<br>10 mm <sup>2</sup> - cable stiffness: solid without cable end |
| <b>Tiltrekningsmoment</b>             | Control circuit: 1.7 N.m - on screw clamp<br>terminals - with screwdriver flat Ø 6 mm<br>Control circuit: 1.7 N.m - on screw clamp<br>terminals - with screwdriver Philips No 2<br>Hovedstrøm: 2,5 N.m - på skrutilkobling - med<br>skrutrekker flate Ø 6 mm<br>Hovedstrøm: 2,5 N.m - på skrutilkobling - med<br>skrutrekker Philips No 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Mekanisk levetid</b>               | 15 Mcycles                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Bruksområde</b>                    | 30 cyc/h 60 °C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Starttid</b>                       | 30 s                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Spiral teknologi</b>               | Uten innebygd suppressor modul                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Control circuit voltage limits</b> | Drop-out: 0.3...0.6 Uc at 50/60 Hz (at <60 °C)<br>Operational: 0.8...1.1 Uc at 50 Hz (at <60 °C)<br>Operational: 0.85...1.1 Uc at 60 Hz (at <60 °C)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Inrush power in VA</b>             | 70 VA 60 Hz cos phi 0,75 20 °C)<br>70 VA 50 Hz cos phi 0,75 20 °C)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Hold-in strømforbruk i VA</b>      | 7.5 VA 60 Hz cos phi 0.3 (at 20 °C)<br>7 VA 50 Hz cos phi 0.3 (at 20 °C)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Varmeavgivelse</b>                 | 2...3 Wat 50/60 Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Auxiliary contacts type</b>        | Mechanically linked conforming to IEC 60947-5-<br>1 3 x 1 NO + 1 NC<br>Mirror contact conforming to IEC 60947-4-1 3 x 1<br>NC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

|                                  |                                                                                                                                                                                 |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Signale krets frekvens           | 25...400 Hz                                                                                                                                                                     |
| Minimum brytestrøm               | 5 mA for signale krets                                                                                                                                                          |
| Minimum switching voltage        | 17 V for signalling circuit                                                                                                                                                     |
| Non-overlap time                 | 1.5 ms on de-energisation between NC and NO contact<br>1.5 ms on energisation between NC and NO contact                                                                         |
| Bredde                           | 166 mm                                                                                                                                                                          |
| Høyde                            | 124 mm                                                                                                                                                                          |
| Dybde                            | 149 mm                                                                                                                                                                          |
| Vekt                             | 2,03 kg                                                                                                                                                                         |
| <b>Miljø</b>                     |                                                                                                                                                                                 |
| Isolasjonsmotstand               | > 10 MOhm for signale krets                                                                                                                                                     |
| IP-grad                          | IP20 forside i samsvar med IEC 60529                                                                                                                                            |
| Protective treatment             | TH conforming to IEC 60068-2-30                                                                                                                                                 |
| Forurensninggrad                 | 3                                                                                                                                                                               |
| Omgivelsestemperatur for lagring | -60...80 °C                                                                                                                                                                     |
| Omgivelsestemperatur for drift   | -40...70 °C at Uc                                                                                                                                                               |
| Operating altitude               | 3000 m without derating                                                                                                                                                         |
| Brannmotstand                    | 850 °C conforming to IEC 60695-2-1                                                                                                                                              |
| Flammehemming                    | V1 i samsvar med UL 94                                                                                                                                                          |
| Mekanisk robusthet               | Vibrations contactor open: 2 Gn, 5...300 Hz<br>Vibrations contactor closed: 4 Gn, 5...300 Hz<br>Støt kontaktor stengt: 15 Gn for 11 ms<br>Shocks contactor open: 8 Gn for 11 ms |
| <b>Packing Units</b>             |                                                                                                                                                                                 |
| Enhetsstype forpakning 1         | PCE                                                                                                                                                                             |
| Antall enheter forpakning 1      | 1                                                                                                                                                                               |
| Forpakning 1 vekt                | 1,74 kg                                                                                                                                                                         |
| Forpakning 1 høyde               | 17,4 cm                                                                                                                                                                         |
| Forpakning 1 bredde              | 15,9 cm                                                                                                                                                                         |
| Forpakning 1 lengde              | 23 cm                                                                                                                                                                           |
| <b>Offer Sustainability</b>      |                                                                                                                                                                                 |
| Produktets miljøstatus           | Green Premium miljømerket produkt                                                                                                                                               |
| REACH-regelverk                  | <a href="#">REACH-erklæring</a>                                                                                                                                                 |
| REACH fri for SVHC               | Ja                                                                                                                                                                              |
| EU RoHS-direktiv                 | I samsvar<br><a href="#">EU RoHS-erklæring</a>                                                                                                                                  |
| Fri for giftige tungmetaller     | Ja                                                                                                                                                                              |
| Kvikksølvfri                     | Ja                                                                                                                                                                              |
| Informasjon om RoHS-unntak       | <a href="#">Ja</a>                                                                                                                                                              |
| Kinas RoHS-forskrift             | <a href="#">Kinas RoHS-erklæring</a>                                                                                                                                            |

|                              |                                                                                                                            |
|------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| <b>Miljøinformasjon</b>      | <a href="#">🔗 Produktmiljøprofil</a>                                                                                       |
| <b>Produktets livssyklus</b> | <a href="#">🔗 Informasjon om levetidsslutt</a>                                                                             |
| <b>WEEE</b>                  | Innen EU må produktet avhendes i henhold til bestemte regler for avfallshåndtering og aldri kastes som husholdningsavfall. |
| <b>PVC-fri</b>               | Ja                                                                                                                         |
| <b>Contractual warranty</b>  |                                                                                                                            |
| <b>Garanti</b>               | 18 months                                                                                                                  |