

## LC1F6304

sklopnik TeSys F – 4P(4 NO) – AC-1 –  $\leq 440$  V  
1000 A – bez zavojnice



### Glavno

|                                |  |
|--------------------------------|--|
| Range                          | TeSys  |
| Product name                   | TeSys F  |
| Product or component type      | Contactora                                     |
| Device short name              | LC1F   |
| Contactora application         | Resistive load                                 |
| Utilisation category           | AC-1   |
| Poles description              | 4P   |
| Pole contact composition       | 4 NO   |
| [Ue] rated operational voltage | $\leq 1000$ V AC 50/60 Hz<br>$\leq 460$ V DC   |
| [Ie] rated operational current | 1000 A ( $\leq 40$ °C) at $\leq 440$ V AC AC-1 |

### Komplementarno

|   |  |
|---|--|
| [Uimp] rated impulse withstand voltage      | 8 kV   |
| Overvoltage category                        | III  |
| [Ith] conventional free air thermal current | 1000 A at $\leq 40$ °C<br>1250 A   |
| Irms rated making capacity                  | 6300 A AC conforming to IEC 60947-4-1  |
| Rated breaking capacity                     | 5040 A conforming to IEC 60947-4-1   |
| [Icw] rated short-time withstand current    | 5050 A $\leq 40$ °C 10 s<br>4400 A $\leq 40$ °C 30 s<br>3400 A $\leq 40$ °C 1 min<br>2200 A $\leq 40$ °C 3 min<br>1600 A $\leq 40$ °C 10 min |
| Associated fuse rating                      | 630 A aM at $\leq 440$ V<br>1000 A gG at $\leq 440$ V  |
| Average impedance                           | 0.12 mOhm at 50 Hz - Ith 1000 A  |
| [Ui] rated insulation voltage               | 1000 V conforming to IEC 60947-4-1<br>1500 V conforming to VDE 0110 group C  |
| Power dissipation per pole                  | 120 W AC-1   |
| Mounting support                            | Plate  |
| Standards                                   | EN 60947-1<br>EN 60947-4-1<br>IEC 60947-1<br>IEC 60947-4-1<br>JIS C8201-4-1  |
| Product certifications                      | ABS<br>BV<br>CSA<br>DNV<br>LROS (Lloyds register of shipping)<br>RINA<br>RMRoS<br>UL<br>CB   |
| Connections - terminals                     | Power circuit: bolted connection<br>Power circuit : bar 2 x (60 x 5 mm)  |
| Tightening torque                           | Power circuit: 58 N.m  |

### Okolina

Informacije dane u ovoj dokumentaciji sadrže opće opise i/ili tehničke karakteristike o performansama ovdje sadržanih proizvoda. Ova dokumentacija nije namijenjena kao zamjena za niti bi se trebala koristiti za određivanje prikladnosti ili pouzdanosti predmetnih proizvoda za konkretne korisničke primjene. Svaki takav korisnik ili integrator dužan je provesti odgovarajuću i potpunu analizu rizika, procjenu i ispitivanje proizvoda u odnosu na odgovarajuću specifičnu primjenu ili uporabu istog. Niti društvo Schneider Electric, Industries SAS niti bilo koje od njegovih povezanih poduzeća ili podružnica neće preuzeti obvezu ili snositi odgovornost za pogrešnu upotrebu ovdje sadržanih informacija.

|   |   |
|---|---|
| IP degree of protection                               | IP20 front face with shrouds (ordered separately) conforming to IEC 60529<br>IP20 front face with shrouds (ordered separately) conforming to VDE 0106   |
| protective treatment                                  | TH  |
| ambient air temperature for operation                 | -5...55 °C  |
| ambient air temperature for storage                   | -60...80 °C   |
| permissible ambient air temperature around the device | -40...70 °C   |
| operating altitude                                    | 3000 m without derating   |
| mechanical robustness                                 | Vibrations resistance contactor open 2 Gn, 5...300 Hz<br>Shocks resistance contactor closed 15 Gn for 11 ms<br>Shocks resistance contactor open 6 Gn for 11 ms<br>Vibrations resistance contactor closed 4 Gn, 5...300 Hz |
| height  | 255 mm  |
| width   | 389 mm  |
| depth   | 304 mm  |
| product weight  | 15.5 kg   |

### Offer Sustainability

|   |   |
|---|---|
| Green Premium product   | Green Premium product   |
| Compliant - since 0852 - Schneider Electric declaration of conformity | Compliant - since 0852 - Schneider Electric declaration of conformity |
| Reference not containing SVHC above the threshold                     | Reference not containing SVHC above the threshold                     |
| Available   | Available   |
| Available   | Available   |

### Contractual warranty

|                 |           |
|-----------------|-----------|
| Warranty period | 18 months |
|-----------------|-----------|