

## Product data sheet

### Characteristics

# LX1D6E7

TeSys D - contactor coil - LX1D6 - 48 V AC  
50/60 Hz for 80 & 95 A contactor



#### Main

Range	TeSys
Product or component type	Contactor coil
Device short name	LX1D6
Control circuit type	AC at 50/60 Hz
[Uc] control circuit voltage	48 V AC 50/60 Hz
Average resistance	5 Ohm at 20 °C
Inductance of closed circuit	0.32 H
Product compatibility	LC1D95 LC1D80
Mechanical durability	4 Mcycles
Maximum operating rate	3600 cyc/h 60 °C

#### Complementary

Coil technology	Without built-in suppressor module
Control circuit voltage limits	Drop-out: 0.3...0.6 Uc at 50/60 Hz (at <55 °C) Operational: 0.8...1.1 Uc at 50 Hz (at <55 °C) Operational: 0.85...1.1 Uc at 60 Hz (at <55 °C)
Inrush power in VA	245 VA 60 Hz cos phi 0.75 (at 20 °C) 245 VA 50 Hz cos phi 0.75 (at 20 °C)
Hold-in power consumption in VA	26 VA 60 Hz cos phi 0.3 (at 20 °C) 26 VA 50 Hz cos phi 0.3 (at 20 °C)
Heat dissipation	6...10 W at 50/60 Hz

#### Environment

Ambient air temperature for operation	-5...60 °C
Net weight	0.28 kg

#### Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	311 g
Package 1 Height	5.5 cm
Package 1 width	12.6 cm
Package 1 Length	9 cm
Unit Type of Package 2	S02
Number of Units in Package 2	16
Package 2 Weight	5.4 kg
Package 2 Height	15 cm
Package 2 width	30 cm
Package 2 Length	40 cm

#### Contractual warranty

Warranty	12 months
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