

Product data sheet

Characteristics

LXD1N7

TeSys D - contactor coil - LXD1 - 415 V AC
50/60 Hz for 9... 38 A contactor



Main

Range	TeSys
Product or component type	Contactor coil
Device short name	LXD1
Control circuit type	AC at 50/60 Hz
[Uc] control circuit voltage	415 V AC 50/60 Hz
Average resistance	1694 Ohm at 20 °C
Inductance of closed circuit	65 H
Product compatibility	LC1DT20...DT40 LC1D09...D38 CAD
Mechanical durability	15 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 <60 °C) Operational: 0.8...1.1 Uc at 50 Hz (at <60 °C) Operational: 0.85...1.1 Uc at 60 Hz (at <60 °C)
Inrush power in VA	70 VA 60 Hz cos phi 0.75 (at 20 °C) 70 VA 50 Hz cos phi 0.75 (at 20 °C)
Hold-in power consumption in VA	7.5 VA 60 Hz cos phi 0.3 (at 20 °C) 7 VA 50 Hz cos phi 0.3 (at 20 °C)
Heat dissipation	2...3 W at 50/60 Hz



Environment

Ambient air temperature for operation	-5...60 °C
Net weight	0.07 kg

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	74.5 g
Package 1 Height	4 cm
Package 1 width	4.5 cm
Package 1 Length	7.2 cm

Offer Sustainability

REACH Regulation	 REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)  EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes

RoHS exemption information	Yes
China RoHS Regulation	China RoHS Declaration
PVC free	Yes

Contractual warranty

Warranty	12 months
----------	-----------