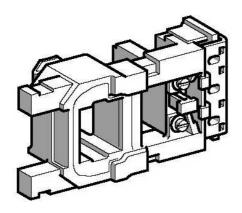
# Product data sheet Characteristics

## **LX1FF048**

TeSys F - contactor coil - LX1FF - 48 V AC 50 Hz



### Main

Commercial Status	Commercialised
Range of product	TeSys F
Product or component type	Contactor coil
Device short name	LX1FF
Control circuit type	AC 50 Hz
Control circuit voltage	48 V AC 50 Hz
Average resistance	1.17 Ohm at 20 °C
Inductance of closed circuit	0.16 H
Product compatibility	LC1F115 LC1F150
Operating time	515 ms opening 2335 ms closing
Mechanical durability	10 Mcycles
Operating rate	2400 cyc/h at <= 55 °C

#### Complementary

Coil technology	Without built-in suppressor module	
Control circuit voltage limits	0.851.1 Uc at 55 °C operational 50/60 Hz 0.350.55 Uc at 55 °C drop-out 50/60 Hz	
Inrush power in VA	550 VA at 20 °C (cos φ 0.3) 50 Hz	
Hold-in power consumption in VA	45 VA at 20 °C (cos φ 0.3) 50 Hz	
Heat dissipation	1216 W at 50 Hz	

#### Environment

Environment		
Ambient air temperature for operation	> -555 °C	
Product weight	0.43 kg	

#### Contractual warranty

Contraction warranty			
Period	18 months		