

LRD03

TeSys LRD03 Thermal Overload Relay 0.25-0.4A Class 10A

BRAND	ORDER CODE / PRODUCT REFERENCE
Schneider Electric	LRD03
PRODUCT FAMILY	CATEGORY
TeSys LRD	Thermal Overload Relay
SUPPLY BASIS	RECORD IDENTITY
RFQ / on request - no stock claim	Catalog identity matched

PRODUCT DESCRIPTION

The Schneider Electric LRD03 is a robust TeSys LRD thermal overload relay, meticulously engineered for reliable motor protection against sustained overload conditions. This essential device features a precise thermal protection adjustment range of 0.25 to 0.4 A, making it ideal for safeguarding smaller motors. Conforming to Class 10A according to IEC 60947-4-1, the LRD03 ensures quick and effective tripping in overload situations. It supports both AC and DC network types, with a rated operational voltage of 690 V AC (0-400 Hz) for the power circuit, and includes 1 NO + 1 NC auxiliary contacts for versatile control circuit integration. With an IP20 degree of protection and an ambient operating temperature range of -20 to 60 °C, the Schneider Electric LRD03 is built for durability in demanding industrial environments. Its compact dimensions (66 mm H x 45 mm W x 70 mm D) and various mounting options (plate, rail, under contactor) allow for flexible installation. Compatible with TeSys D contactors like LC1D09 through LC1D38, this relay is a perfect fit for motor control applications in critical sectors across Egypt and the Gulf, including water treatment, oil and gas, food and beverage, cement, textiles, and building services. Ensure continuous operation and protect your valuable assets. Request a quote today for the Schneider Electric LRD03 to secure your motor installations.

RECORDED SPECIFICATIONS

Depth	70 mm
Width	45 mm
Height	66 mm
Standards	
Control type	Red push-button: stop; Blue push-button: reset
Network type	AC, DC
Product weight	0.124 kg
Mounting support	Plate, with specific accessories; Rail, with specific accessories; Under contactor
Network frequency	0...400 Hz
Relay application	Motor protection

ADDITIONAL SPECIFICATIONS

Official lifecycle	Current official manufacturer lifecycle evidence
Product compatibility	LC1D25, LC1D18, LC1D38, LC1D12, LC1D32, LC1D09
Thermal overload class	Class 10A conforming to IEC 60947-4-1
IP degree of protection	IP20 conforming to IEC 60529
Manufacturer part number	LRD03
Connections - Power circuit	screw clamp terminals 1 cable(s) 1.5?10 mm² flexible without cable end
Auxiliary contact composition	1 NO + 1 NC
[Ue] rated operational voltage	690 V AC 0...400 Hz for power circuit conforming to IEC 60947-4-1
Thermal protection adjustment range	0.25?0.4 A
Ambient air temperature for operation	-20?60 °C without derating conforming to IEC 60947-4-1

MANUFACTURER DOCUMENTATION

No manufacturer document is linked because exact-SKU or compatible-family evidence has not been recorded.

Document status: This is an InduMarket product specification summary, not a manufacturer-issued datasheet. It is generated from the catalog record for the exact part number. Any linked manufacturer document passed the SKU-compatibility evidence gate. Confirm ratings, compatibility, certifications and any successor reference before ordering.