

LRD07

TeSys Deca LRD07 thermal overload relay 1.6-2.5 A

BRAND	ORDER CODE / PRODUCT REFERENCE
Schneider Electric	LRD07
PRODUCT FAMILY	CATEGORY
TeSys LRD, TeSys Deca	Thermal Overload Relay
SUPPLY BASIS	RECORD IDENTITY
RFQ / on request - no stock claim	Catalog identity matched

PRODUCT DESCRIPTION

The Schneider Electric LRD07 is a robust TeSys Deca differential thermal overload relay, engineered to provide essential motor protection against sustained overloads and phase failure. With an adjustable thermal protection range of 1.6 to 2.5 A and a Class 10A trip characteristic, this relay safeguards motors effectively across AC and DC networks up to 690 V. It features 1 NO + 1 NC auxiliary contacts for seamless integration into control circuits, along with red (stop) and blue (reset) push-buttons for local control. The LRD07 is highly compatible with Schneider Electric TeSys D contactors, including LC1D09 through LC1D38, ensuring versatile application. Its IP20 protection and operational temperature range of -20 to 60 °C make it suitable for demanding industrial environments. This relay is ideal for critical motor protection in various Egyptian and Gulf industries such as water treatment, cement, oil and gas, food and beverage, and building services. Contact us today to request a quote.

RECORDED SPECIFICATIONS

Control type	Red push-button (stop), Blue push-button (reset)
Network type	AC, DC
Product weight	0.124 kg
Mounting support	Under contactor, Plate (with specific accessories), Rail (with specific accessories)
Tightening torque	1.7 N.m
Official lifecycle	Current official manufacturer lifecycle evidence
Product compatibility	LC1D09, LC1D12, LC1D18, LC1D25, LC1D32, LC1D38
Dimensions (H x W x D)	66 x 45 x 70 mm
Thermal overload class	Class 10A
Connections - terminals	Screw clamp terminals (Power: 1-10 mm², Control: 1-2.5 mm²)

ADDITIONAL SPECIFICATIONS

IP degree of protection	IP20
Manufacturer part number	LRD07
Auxiliary contact composition	1 NO + 1 NC
Rated insulation voltage (Ui)	690 V
Rated operational voltage (Ue)	690 V AC 0...400 Hz
Thermal protection adjustment range	1.6?2.5 A
Ambient air temperature for operation	-20?60 °C

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.