LR9G500

Schneider Electric LR9G500 - Electronic thermal overload relay,TeSys Giga,125-500 A,class 5E-30E,push-in control connection

BRAND
Schneider Electric

PRODUCT FAMILY
TeSys Giga

SUPPLY BASIS
RFQ / on request - no stock claim

ORDER CODE / PRODUCT REFERENCE
LR9G500

CATEGORY
Electronic thermal overload relay

RECORD IDENTITY
Catalog identity matched

PRODUCT DESCRIPTION

TeSys LR9G 500A thermal overload relay is compatible with TeSys Giga high power contactor, push-in control connection. It provides phase imbalance, phase failure, in-built ground-fault and single-phase loads protections. It is available for manual and auto reset options and LED indicator for Motor ON and pre-trip alarm. Tripping classes is selectable from class 5E to class 30E to suit different application needs from fast tripping, general purpose and high inertia loads. It is suitable for independent mounting or direct mounting with LC1G contactors. It provides IP2x protection in Front face with shrouds conforming to IEC 60529 and VDE 0106. It can cover -25°C to 60°C operation ambient air temperature without derating up to 3000m altitude. Multi standards certified (CE,CB,CCC,cULus,EAC,KC,RCM,Marine) and Green Premium compliant (RoHs/Reach). Unique QR code provides quick access to complete product data. Schneider Electric LR9G500 is the exact active commercial reference for Electronic thermal overload relay,TeSys Giga,125-500 A,class 5E-30E,push-in control connection in the TeSys Giga range for high-current motor and load control. This electronic thermal overload relay supports industrial motor starters, process equipment, pumps, compressors, HVAC installations and heavy-duty electrical panels. Official Schneider characteristics include Range: TeSys; Product name: TeSys LRG; Product or component type: Electronic thermal overload relay; Device short name: LR9G; Relay applicati

RECORDED SPECIFICATIONS

Range	TeSys
Network type	AC
Product name	TeSys LRG
Protection type	
Local signalling	LED Trip indicator
Device short name	LR9G
Network frequency	30...60 Hz 100 Hz
Relay application	Motor protection
Official lifecycle	Current official manufacturer lifecycle evidence
Tripping threshold	1.125 +/- 0.07 In conforming to IEC 60947-4-1

ADDITIONAL SPECIFICATIONS

Overvoltage category	III
Thermal overload class	Class 5E...30E conforming to IEC 60947-4-1
Manufacturer part number	LR9G500
Product or component type	Electronic thermal overload relay
[Uc] control circuit voltage	24...500 V AC 50/60 Hz 24...250 V DC
Contacts type and composition	1 NO + 1 NC
Thermal protection adjustment range	125?500 A
[Ith] conventional free air thermal current	5 A

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.