INDUSTRIAL COMPONENT DATA

ELR H51-IESSC-24DC500AC-2 2902744 PHOENIX CONTACT Hybrid motor starter

Brand: PHOENIX CONTACT | Manufacturer Part Number: ELR H51-IESSC-24DC500AC-2



Manufacturer	PHOENIX CONTACT
MPN / Reference	ELR H51-IESSC-24DC500AC-2
Catalog number	2902744
Category	Motor starter/Motor starter combination
Minimum order	1 Pcs
Document ID	EO-B1E6814DF6
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Product Overview

Hybrid motor starter
Short-circuit resistant hybrid start controller for reversing 3~AC motors up to 550V AC, with 24V DC input, 2.4A output current, emergency stop function, and adjustable overload disconnect. Usable only with EM-RD or EM-RI adapter or power distribution board.
Short-circuit-proof hybrid motor starter for reversing 3~ AC motors up to 550 V AC, with 24 V DC input, 2.4 A output current, emergency stop function, and adjustable overload shutdown. Can only be used with EM-RD and EM-RI adapters or power distribution board.

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path	PHOENIX CONTACT > INTERFACE Components (IF)

Additional Product Information

Technical dataProduct propertiesProduct type Hybrid motor starters
Product family CONTACTRON
Operating mode 100% operating factor
Data management status
Article revision 08
Electrical propertiesNumber of phases 3
Motor starter type Reversing starter
Switching frequency <= 2 Hz (Load-dependent)
Maximum power dissipation for nominal condition 4.4 W

Switching frequency <= 2 Hz (Load-dependent)
Maximum power dissipation 5.5 W
Minimum power dissipation 0.88 W
Coordination type 2
Supply
Rated control circuit supply voltage US 24 V DC
Control supply voltage range 19.2 V DC ... 30 V DC
Rated control supply current IS 40 mA
Protective circuit Surge protection
Reverse polarity protection; Parallel polarity protection diode
Insulation characteristics
Rated insulation voltage 500 V
Rated surge voltage 6 kV
Overvoltage category III
Degree of pollution 2
Insulation characteristics between the control input and control supply voltage, and auxiliary circuit to the main circuit Safe isolation (IEC 60947-1) at operating voltage <= 300 V AC
Safe isolation (EN 50178) at operating voltage <= 300 V AC
Basic insulation (IEC 60947-1) at operating voltage 300 V AC ... 500 V AC
Safe isolation (EN 50178) at operating voltage 300 ... 500 V AC
Isolation characteristics between the control input and control supply voltage to auxiliary circuit Safe isolation (IEC 60947-1) in the auxiliary circuit <= 300 V AC
Safe isolation (EN 50178) in the auxiliary circuit <= 300 V AC
Input dataControl
Input name Control inpu...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / ELR H51-IESSC-24DC500AC-2 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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