

INDUSTRIAL COMPONENT DATA

ELR H51-ISSC-24DC500AC-2 2902744 PHOENIX CONTACT

Hybrid motor starter

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	ELR H51-ISSC-24DC500AC-2
Catalog number	2902744
Category	Motor starter/Motor starter combination
Minimum order	1 Pcs
Document ID	EO-DF4CD59B2B
Generated	2026-08-04

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-ISSC-24DC500AC-2 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.