

INDUSTRIAL COMPONENT DATA

SDAINLM12(24VDC) 100416 Y7-100416 EATON ELECTRIC Star-delta contactor combination, 5.5kW/400V/AC3

Brand: EATON - MOELLER | Manufacturer Part Number: SDAINLM12(24VDC)



Manufacturer	EATON - MOELLER
MPN / Reference	SDAINLM12(24VDC)
Catalog number	Y7-100416
Category	Combination of contactors
Minimum order	1 Pcs
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Product Overview

Star-delta contactor combination, 5.5kW/400V/AC3

SDAINLM12(24VDC)

Eaton Moeller® series SDAINL Star-delta contactor combination, 380 V 400 V: 5.5 kW, 24 V DC, DC operation

Star-delta contactor combination, Application: Star-delta motor starting for contactor combinations, Operating frequency: maximum 30 starts per hour, Accessories: Star-delta combinations SDAINL, Utilization category: NAC-3: Normal AC induction motors: starting, switch off during running, Rated operational current AC-3 380 V 400 V: I_e = 12 A, Max. rating for three-phase motors, 50 - 60 Hz AC-3 220 V 230 V: P = 3 kW, 380 V 400 V: P = 5.5 kW, 500 V: P = 5.5 kW, 660 V 690 V: P = 5.5 kW, Max. changeover time: 20 s, Actuating voltage: 24 V DC, Voltage AC/DC: DC operation, Individual components of the combination Mains contactor Q11: DILM7-10 , + DILA-XHI20, Delta contactor Q15: DILM7-01, + DILA-XHI20 Part no., Star contactor Q13: DILM7-01, + DILA-XHI20 Part no., Timing relay K1: ETR4-51 Part no., Notes: Also suitable for motors with efficiency class IE3., IE3-ready devices are identified by the logo on their packaging.

STRUCTURED PRODUCT DATA

Technical Specifications

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

Classification & Catalog Path

Catalog path EATON - MOELLER > Contactors up to 170A

Additional Product Information

General specifications

Product Name Eaton Moeller® series SDAINL contactor combination Catalog Number 100416 Model Code SDAINLM12(24VDC) EAN 4015081003938 Product Length/Depth 117 mm Product Height 82 mm Product Width 158 mm Product Weight 1.19 kg Certifications CE Catalog Notes Contacts according to EN 50012 Features & Functions Functions Star-delta contactor General

Application Star-delta motor starting for contactor combinations Product category Contactor combinations Suitable for Also
motors with efficiency class IE3 Used with ETR4-51 Utilization category AC-3: Normal AC induction motors: starting, switch
off during running Voltage type DC Climatic environmental conditions

Ambient operating temperature - min -25 °C Ambient operating temperature - max 60 °C Electrical Rating

Rated operational current (I_e) at AC-1, 380 V, 400 V, 415 V 12 A Rated operational current (I_e) at AC-3, 380 V, 400 V, 415
V 12 A Rated operational current (I_e) at AC-1, 380 V, 400 V, 415 V 12 A Rated operational power at AC-3, 380/400 V, 50

Hz 5.5 kW Switching time

Changeover time 20 s, max. Magnet system

Duty factor 100 % Rated control supply voltage (U_s) at AC, 50 Hz - min 0 V Rated control supply voltage (U_s) at AC, 50 Hz
- max 0 V Rated control supply voltage (U_s) at AC, 60 Hz - min 0 V Rated control supply voltage (U_s) at AC, 60 Hz - max 0

V Rated control supply voltage (U_s) at DC - min 24 V Rated control supply voltage (U_s) at DC - max 24 V Communication
Connection Screw terminals Contacts

Numb...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / SDAINLM12(24VDC) 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

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requirements against the manufacturer documentation before purchase or installation.