

INDUSTRIAL COMPONENT DATA

**SDAINLM16(110V50HZ,120V60HZ) 278308 Y7-278308 EATON
ELECTRIC Star-delta contactor combination, 7.5kW/400V/AC3**

Brand: EATON - MOELLER | Manufacturer Part Number: SDAINLM16(110V50HZ,120V60HZ)



Manufacturer	EATON - MOELLER
MPN / Reference	SDAINLM16(110V50HZ,120V60HZ)
Catalog number	Y7-278308
Category	Combination of contactors
Minimum order	1 Pcs
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Product Overview

Star-delta contactor combination, 7.5kW/400V/AC3

SDAINLM16(110V50HZ,120V60HZ)

Eaton Moeller® series SDAINL Star-delta contactor combination, 380 V 400 V: 7.5 kW, 110 V 50 Hz, 120 V 60 Hz, AC operation

Star-delta contactor combination, Application: Star-delta motor starting for contactor combinations, Operating frequency: maximum 30 starts per hour, Utilization category: NAC-3: Normal AC induction motors: starting, switch off during running, Rated operational current AC-3 380 V 400 V: I_e = 16 A, Max. rating for three-phase motors, 50 - 60 Hz AC-3 220 V 230 V: P = 4 kW, 380 V 400 V: P = 7.5 kW, 500 V: P = 7.5 kW, 660 V 690 V: P = 7.5 kW, Max. changeover time: 20 s, Actuating voltage: 110 V 50 Hz, 120 V 60 Hz, Voltage AC/DC: AC operation, Individual components of the combination Mains contactor Q11: DILM9-10, + DILA-XHI20, Delta contactor Q15: DILM9-01, + 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
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Additional Product Information

General specifications

Product Name Eaton Moeller® series SDAINL contactor combination Catalog Number 278308 Model Code

SDAINLM16(110V50HZ,120V60HZ) EAN 4015082783082 Product Length/Depth 117 mm Product Height 82 mm Product Width 158 mm Product Weight 1.03 kg Certifications CE 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 AC Climatic environmental conditions

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

Rated operational current (Ie) at AC-1, 380 V, 400 V, 415 V 16 A Rated operational current (Ie) at AC-3, 380 V, 400 V, 415
V 16 A Rated operational current (Ie) at AC-1, 380 V, 400 V, 415 V 16 A Rated operational power at AC-3, 380/400 V, 50
Hz 7.5 kW Switching time

Changeover time 20 s, max. Magnet system

Duty factor 100 % Rated control supply voltage (Us) at AC, 50 Hz - min 110 V Rated control supply voltage (Us) at AC, 50
Hz - max 110 V Rated control supply voltage (Us) at AC, 60 Hz - min 120 V Rated control supply voltage (Us) at AC, 60 Hz
- max 120 V Rated control supply voltage (Us) at DC - min 0 V Rated control supply voltage (Us) at DC - max 0 V

Communication

Connection Screw terminals Contacts

Number of auxiliary contacts (n...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / SDAINLM16(110V50HZ,120V60HZ) 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.