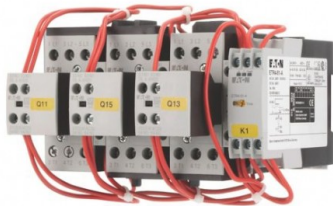


INDUSTRIAL COMPONENT DATA

**SDAINLM45(110V50HZ,120V60HZ) 278383 Y7-278383 EATON
ELECTRIC Star-delta contactor combination, 22kW/400V/AC3**

Brand: EATON - MOELLER | Manufacturer Part Number: SDAINLM45(110V50HZ,120V60HZ)



Manufacturer	EATON - MOELLER
MPN / Reference	SDAINLM45(110V50HZ,120V60HZ)
Catalog number	Y7-278383
Category	Combination of contactors
Minimum order	1 Pcs
Document ID	EO-12E8A09F48
Generated	2026-08-06

Product Overview

Star-delta contactor combination, 22kW/400V/AC3

SDAINLM45(110V50HZ,120V60HZ)

Eaton Moeller® series SDAINL Star-delta contactor combination, 380 V 400 V: 22 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 = 45 A, Max. rating for three-phase motors, 50 - 60 Hz AC-3 220 V 230 V: P = 11 kW, 380 V 400 V: P = 22 kW, 500 V: P = 30 kW, 660 V 690 V: P = 22 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: DILM25-10, + DILA-XHI20, Delta contactor Q15: DILM25-01, + DILA-XHI20 Part no., Star contactor Q13: DILM17-01, + 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 278383 Model Code

SDAINLM45(110V50HZ,120V60HZ) EAN 4015082783839 Product Length/Depth 138 mm Product Height 95 mm Product Width 158 mm Product Weight 1.61 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 45 A Rated operational current (Ie) at AC-3, 380 V, 400 V, 415
V 45 A Rated operational current (Ie) at AC-1, 380 V, 400 V, 415 V 45 A Rated operational power at AC-3, 380/400 V, 50
Hz 22 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 (no...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / SDAINLM45(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.