

INDUSTRIAL COMPONENT DATA

P3-100/XM 172837 Y7-172837 EATON ELECTRIC Main switch, 3 pole, 100 A, rear mounting

Brand: EATON - MOELLER | Manufacturer Part Number: P3-100/XM



Manufacturer	EATON - MOELLER
MPN / Reference	P3-100/XM
Catalog number	Y7-172837
Category	Switch disconnecter
Minimum order	1 Pcs
Document ID	EO-81CAFAD047
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Product Overview

Main switch, 3 pole, 100 A, rear mounting

P3-100/XM

Eaton Moeller® series P3 Main switch, P3, 100 A, rear mounting, 3 pole

Main switch, Product range: Main switch, maintenance switch, Part group reference: P3, Notes: Handle SVB(-SW)-P3/M (172841; 172843) only for use with extension shaft P1/P3-400 (172844)., Information about equipment supplied: Auxiliary contact or neutral conductor fitted by user., 3 pole, Degree of Protection: Front IP65, Design: rear mounting, Motor rating AC-23A, 50 - 60 Hz 400 V: P = 55 kW, Rated uninterrupted current: I_u = 100 A, Standards: IEC/EN 60947, VDE 0660, IEC/EN 60204, Switch-disconnector according to IEC/EN 60947-3

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 > Disconnectors and Cam Switches

Additional Product Information

General specifications

Product Name Eaton Moeller® series P3 Main switch Catalog Number 172837 Model Code P3-100/XM EAN

4015081694204 Product Length/Depth 82 mm Product Height 84 mm Product Width 72 mm Product Weight 0.29 kg

Certifications UL Category Control No.: NLRV

IEC/EN 60947-3

CSA

UL File No.: E36332

UL

CE

IEC/EN 60947

IEC/EN 60204

CSA-C22.2 No. 94

CSA Class No.: 3211-05

CSA File No.: 012528

CSA-C22.2 No. 60947-4-1-14

VDE 0660

UL 60947-4-1 Catalog Notes Rated Short-time Withstand Current (Icw) for a time of 1 second

ETIM for 172837 Low-voltage industrial controls and switchgear (EC000216)

Feature Name

Feature Value

Version as main switch (EF006981)

Yes

Version as maintenance-/service switch (EF006986)

No

Version as safety switch (EF006985)

No

Version as emergency stop installation (EF006959)

No

Version as reversing switch (EF009408)

No

Number of switches (EF005586)

1

Max. rated operation voltage Ue AC (EF007355)

690 V

Rated operating voltage (EF001435)

690 V

Rated permanent current Iu (EF001389)

100 A

Rated permanent current at AC-23, 400 V (EF011777)

100 A

Rated permanent current at AC-21, 400 V (EF009165)

100 A

Rated operation power at AC-3, 400 V (EF001364)

37 kW

Rated short-time withstand current Icw (EF007050)

2 kA

Rated operation power at AC-23, 400 V (EF007027)

55 kW

Switching power at 400 V (EF009166)

55 kW

Conditioned rated short-circuit current Iq (EF001444)

80 kA

Number of poles (EF001391)

3

Number of auxiliary contacts as normally closed contact (EF001377)...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / P3-100/XM 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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