

INDUSTRIAL COMPONENT DATA

P3-100/M4/K2-PG/HI11 172831 Y7-172831 EATON ELECTRIC Main switch, 3 pole + 1 N/O + 1 N/C, 100 A, Emergency s..

Brand: EATON - MOELLER | Manufacturer Part Number: P3-100/M4/K2-PG/HI11



Manufacturer	EATON - MOELLER
MPN / Reference	P3-100/M4/K2-PG/HI11
Catalog number	Y7-172831
Category	Switch disconnecter
Minimum order	1 Pcs
Document ID	EO-05FCB15E1A
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Product Overview

Main switch, 3 pole + 1 N/O + 1 N/C, 100 A, Emergency stop function, Lockable in the 0 (Off) position, rear mounting, with 400 mm metal shaft

P3-100/M4/K2-PG/HI11

Eaton Moeller® series P3 Main switch, P3, 100 A, rear mounting, 3 pole, 1 N/O, 1 N/C, STOP function, with black rotary handle and lock ring (K series), Lockable in the 0 (Off) position, With metal shaft for a control panel depth of 400 mm
Main switch, Product range: Main switch, maintenance switch, Part group reference: P3, Stop Function: STOP function, With black rotary handle and locking ring, Notes: With metal shaft for a control panel depth of 400 mm, Information about equipment supplied: Auxiliary contact or neutral conductor fitted by user., 3 pole, Locking facility: Lockable in the 0 (Off) position, Degree of Protection: Front IP65, Design: rear mounting, Motor rating AC-23A, 50 - 60 Hz 400 V: P = 55 kW, Rated uninterrupted current: Iu = 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
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Additional Product Information

General specifications

Product Name Eaton Moeller® series P3 Main switch Catalog Number 172831 Model Code P3-100/M4/K2-PG/HI11 EAN 4015081694143 Product Length/Depth 340 mm Product Height 84 mm Product Width 100 mm Product Weight 0.585 kg
Certifications IEC/EN 60947-3
VDE 0660

IEC/EN 60204

IEC/EN 60947 Catalog Notes Rated Short-time Withstand Current (I_{cw}) for a time of 1 second

ETIM for 172831 Low-voltage industrial controls and switchgear (EC000216)

Feature Name

Feature Value

Version as main switch (EF006981)

Yes

Version as maintenance-/service switch (EF006986)

Yes

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 U_e AC (EF007355)

690 V

Rated operating voltage (EF001435)

690 V

Rated permanent current I_u (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 I_{cw} (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 I_q (EF001444)

80 kA

Number of poles (EF001391)

3

Number of auxiliary contacts as normally closed contact (EF001377)

1

Number of auxiliary contacts as normally open contact (EF001376)

1

Number of auxiliary contacts as change-over contact (EF003531)

0

Motor drive...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / P3-100/M4/K2-PG/HI11 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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