

# ABB

Serial No: 1VAS18H208R1MAG

S.O.

PT8395 2-20

Date MFR: 08/18

TYPE

R-MAG VACUUM CIRCUIT BREAKER

Rated Max Voltage

kV

Rated Frequency

60 Hz.

Rated Continuous Current

A

KV Range Factor K

1.0

Rated Lightning Impulse Withstand Voltage

200 kV

Rated Symmetrical Interrupting Current

25 kA

Rated Symmetrical Interrupting Time

3.0 Cycles

Closing Control Voltage 36 TO 56 VDC

Tripping Control Voltage 28 TO 56 VDC

Weight

(3000, LB) 1360 Kg

Style No. MB30140MMMK42MZA

IB No. 1VAL255104-MB

Diagram No. 1C1803H

Control Input =

Additional Information:

MECHANISM TYPE MAGNETIC MOTOR

X/R RATIO 1/12

CLOSING CURRENT 19VDC 100mA

TRIPPING CURRENT 1.5VDC 100mA

5 YEAR WARRANTY





**ABB**

Serial No:

7AS6564RMAG

S.O.

MB30140MMMH5ZBZ410

Date MFR. 11/16

TYPE

**R-MAG VACUUM CIRCUIT BREAKER**

Rated Max Voltage

38.0

kV

Rated Frequency

60

Hz.

Rated Continuous Current

1250

A

KV Range Factor K

1.0

Rated Lightning Impulse Withstand Voltage

200

kV

Rated Symmetrical Interrupting Current

25

kA

Rated Symmetrical Interrupting Time

3.0

Cycles

Closing Control Voltage

90 TO 140 VDC

Tripping Control Voltage

70 TO 140 VDC

Weight

(3000 LB) / (1360

Kg

Style No. MB30140MMMH5ZBZ410

IB No.

IVAL 255104-MB

Diagram No.

1C18093

Control Input =

Additional Information:

**MECHANISM TYPE : MAG ACTUATOR****X/R RATIO > = 17****CLOSING CURRENT @ 125VDC = 20mA****TRIPPING CURRENT @ 125VDC = 20mA**





**ABB**

MANUFACTURED FOR ABB Inc.,  
LAKE MARY, FLORIDA BY ABB MEXICO  
SAN LUIS POTOSI, MEXICO

**TYPE****R-MAG VACUUM CIRCUIT BREAKER**

SERIAL NO.

**IVAS12G106RMAG**

S.O.

**MB30140MMML4ZBZ402**

DATE of MFR.

**06/12**

RATED MAX.

**38**

KV

RATED FREQUENCY

Hz **50/60**

RATED CONTINUOUS AMPS.

**1200**

KV RANGE FACTOR K

**1.0**

RATED SHORT-CKT AMPS.

**25 kA**

FW IMPULSE WITHSTAND KV

**200 kV**

RATED INTER. TIME CYCLES

**3.0**

CLOSING CONTROL VOLTAGE RANGE

**36 TO 56 VDC**

DIAGRAM NO.

**1C16766**

TRIPPING CONTROL VOLTAGE RANGE

**28 TO 56 VDC**

WEIGHT

**3000 LBS**

BEFORE INSTALLING READ INSTRUCTION BOOK

**IVAL255104-MB****MECHANISM TYPE: MAG ACTUATOR****X/R RATIO > = 17****CLOSING CURRENT @ 48 VDC = 20mA****TRIPPING CURRENT @ 48 VDC = 20mA****3 YEAR WARRANTY**





# ABB

Serial No: IVAS16C219RMAG

S.O. MB30140MMML4ZBZ405 Date MFR: 03/16

TYPE R-MAG VACUUM CIRCUIT BREAKER

Rated Max Voltage 38.0 kV Rated Frequency 60 Hz.

Rated Continuous Current 1250 A kV Range Factor K 1.0

Rated Lightning Impulse Withstand Voltage 200 kV

Rated Symmetrical Interrupting Current 25 kA

Rated Symmetrical Interrupting Time 3.0 Cycles

Closing Control Voltage 36 TO 56 VDC Tripping Control Voltage 28 TO 56 VDC

Weight 2400(LB) / 1089 Kg

Style No. MB30140MMML4ZBZ405 IB No. IVAL25510-I-MB

Diagram No. IC18090 Control Input =

Additional Information:

MECHANISM TYPE : MAG ACTUATOR

X/R RATIO > = 17

CLOSING CURRENT @ 48 VDC = 20mA

TRIPPING CURRENT @ 48 VDC = 20mA



ABB

2

4

6





Three large, white, cylindrical insulators are mounted on top of the cabinet. They are arranged in a row, with the middle one being the tallest and the two on either side being shorter. Each insulator has a black terminal at the top.

5

1

ix

Small label or plaque on the lower door, possibly containing technical specifications or a warning.



MANUFACTURED FOR ABB Inc.,  
LAKE MARY, FLORIDA BY ABB MEXICO  
SAN LUIS POTOSI, MEXICO

TYPE R-MAG VACUUM CIRCUIT BREAKER

SERIAL NO.

1VAS12F146RMAG

S.O.

MB30140MMML4ZBZ401

DATE of MFR.

06/12

RATED MAX.

38

KV

RATED FREQUENCY

Hz 50/60

RATED CONTINUOUS AMPS.

1200

KV RANGE FACTOR K

1.0

RATED SHORT - CKT. AMPS.

25 kA

FW IMPULSE WITHSTAND KV

200 kV

RATED INTER. TIME CYCLES

3.0

CLOSING CONTROL VOLTAGE RANGE

36 TO 56 VDC

DIAGRAM NO.

1C16769

TRIPPING CONTROL VOLTAGE RANGE

28 TO 56 VDC

WEIGHT

3000 LBS

BEFORE INSTALLING READ INSTRUCTION BOOK

1VAL255104-MB

MECHANISM TYPE MAG ACTUATOR

X/R RATIO  $\geq 17$

CLOSING CURRENT @ 48 VDC = 20mA

TRIPPING CURRENT @ 48 VDC = 20mA

5 YEAR WARRANTY





# ABB

MANUFACTURED FOR ABB Inc.,  
LAKE MARY, FLORIDA BY ABB MEXICO  
SAN LUIS POTOSI, MEXICO

TYPE

R-MAG VACUUM CIRCUIT BREAKER

SERIAL NO.

IVAS13 1126RMAG

S.P.

MB50140MMML4ZBZ401

DATE of MFR.

09/13

RATED MAX.

38 KV

RATED FREQUENCY

Hz

60

RATED CONTINUOUS AMPS.

1200

KV RANGE FACTOR K

1.0

RATED SHORT - CKT .AMPS.

25000

FW IMPULSE WITHSTAND KV

200 kV

RATED INTER. TIME CYCLES

3.0

CLOSING CONTROL VOLTAGE RANGE

36 TO 56 VDC

DIAGRAM NO.

1C16769

TRIPPING CONTROL VOLTAGE RANGE

28 TO 56 VDC

WEIGHT

3000 LBS

BEFORE INSTALLING READ INSTRUCTION BOOK

IVAI255104-MB

MECHANISM TYPE MAG ACTUATOR

CR RATIO 1:1

CLOSING CURRENT @ 48 VDC = 20mA

TRIPPING CURRENT @ 48 VDC = 20mA

5 YEAR WARRANTY



