

RF3-0018-4

AKA

n/a

Device

rfi filter

Current

18A 40°C

Earthing

M5x15 stud 2Nm

Enclosure

aluminium 1.2mm

Loss

3.7W/ph

Leakage

7.2mA operating

Mass

1.25kg

Mounting

M5x4

PCB

n/a

Potting

air/resin

Power

14.9kW(4.3kW)

Protection

IP20

Resistance

11.4mR/ph

Residual

204V 5s

SCCR

200kA

Style

terminal filter

Terminal

screw 2.5-10mm² 2Nm 9mm

Varistor

n/a

Supply

3P 480V 50/60Hz

Voltage

528V (480V IT) max

Withstand

2900Vdc 60s

Altitude

2000m w/out derating

Bonding

25A 50/60Hz

Class

class I

Environment

-25/+85/21

Flammability

UL94 V-2 min

Humidity

93% RH non-condensing

Insulation

500Vdc ≥3.5MR

Material

group IIb

MTBF

22yrs (MIL-HDBK-217F)

Overload

135% 2hrs 150% 60s

Overvoltage

category II

Packaging

ASTM D7386

Pollution

degree II

Shock

15g 11mS

Spacing

≥50mm gap

Vibration

5-55Hz 350um 55-500Hz 2G

EU

CE EN60939

US

uR UL1283

CAN

cUR CSA22.2

OTHER

n/a

4

3

2

1

TOP VIEW

9.06
[230.2]

2.17
[55.2]

PRODUCT LABEL

3.68
[93.35]

2.56
[65]

SIDE VIEW

4.59
[116.7]

FRONT VIEW

9.02
[229]

2.09
[53.2]

1.65
[42]

8.54
[217]

0.24
[6]

0.22
[5.6]

0.24 [6] X .34 [8.50]
SLOT, 2 PLACES

0.24 [6] THRU
2 PLACES

BOTTOM VIEW

PRODUCT LABEL

3D MODEL

4

3

2

1

THE COMPONENT, PART OR ASSEMBLY DESCRIBED IN THIS DOCUMENT
MUST COMPLY WITH THE EU(EUROPEAN UNION) DIRECTIVE RoHS2

CONTAINS <0.1% OF ANY SVHC BY WEIGHT PER REACH REGULATION

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES [MM]
TOLERANCES ARE:
ANGLES: ± 1 °
1 PLACE .X: ± .1 [2.5]
2 PLACE .XX: ± .03 [0.76]
3 PLACE .XXX: ± .010 [0.254]

MTE

POWER QUALITY. SOLVED.

N83 W13330 Leon Road
Menomonee Falls, WI 53051 USA
800.455-4683
262.253.8200

MATERIAL

DRAWN
CH

CHECKED
CH

APPROVED
AK

DATE
12/19/18

DATE
12/19/18

DATE
01/02/19

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DESCRIPTION
RFI/EMI FILTER 18A 480V

SIZE
B

DWG No.
RF3-0018-4

REV
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SCALE 1:2 SHEET 1 OF 1