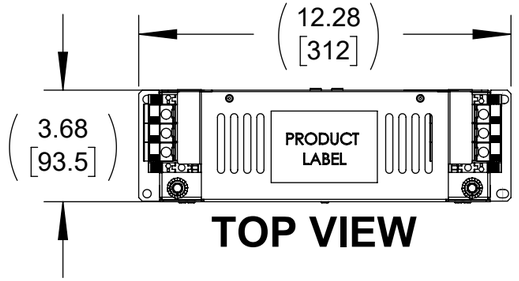
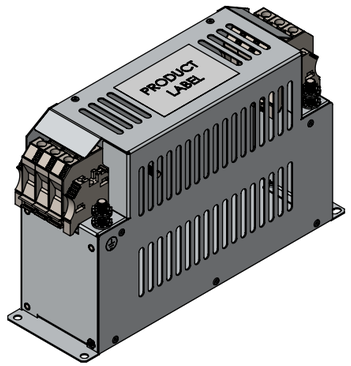
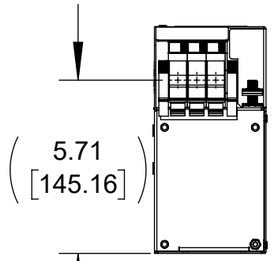
RF3-0090-4	
AKA	n/a
Device	rfi filter
Current	90A 40°C
Earthing	M8x23 stud 6Nm
Enclosure	aluminium 1.2mm
Loss	9.6W/ph
Leakage	30.6mA operating
Mass	4.1kg
Mounting	M6x4
PCB	FR4 AVLV2 VW-1 600V 105°C IIIa
Potting	air
Power	83kW(24kW)
Protection	IP20
Resistance	0.96mR/ph
Residual	544V 5s
SCCR	200kA
Style	terminal filter
Terminal	screw 2.5-35mm² 4.5Nm 18mm
Varistor	n/a
Supply	3P 480V 50/60Hz
Voltage	528V (460V 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 IIIb
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

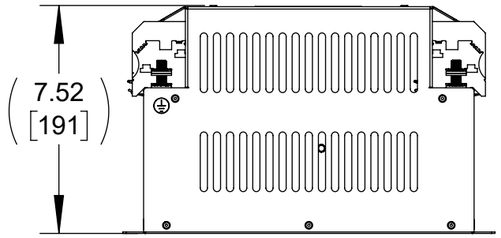


TOP VIEW

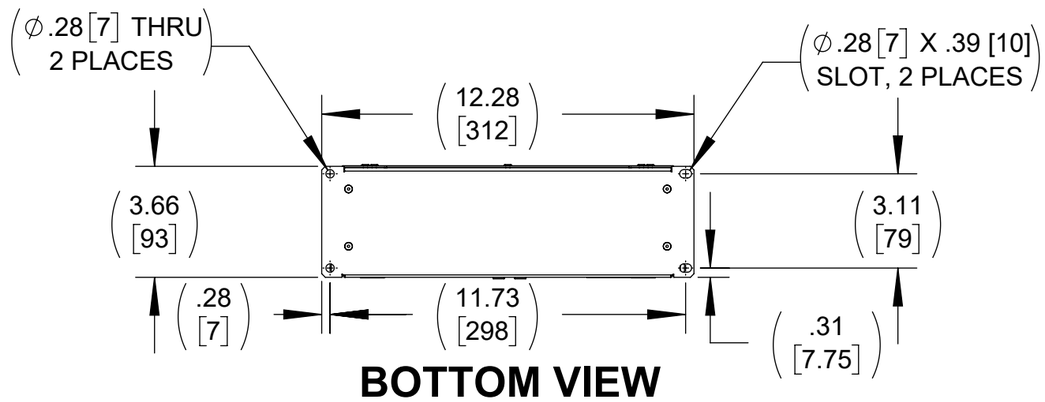




SIDE VIEW



FRONT VIEW



BOTTOM VIEW

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	DATE	12/19/18
CHECKED	CH	DATE	12/19/18
APPROVED	AK	DATE	01/02/19

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DESCRIPTION

RFI/EMI FILTER 90A 480V

SIZE	DWG No.	REV
B	RF3-0090-4	00

SCALE 1:5 SHEET 1 OF 1