

REVISIONS				
REV.	DESCRIPTION	ECN	DATE	APPROVED
B	REFER TO ECN	10446	2/8/12	MTH

MAXIMUM CHARACTERISTICS

Application:

Type 2 AC surge protection device offers bidirectional silicon avalanche diode suppression technology and is typically installed to protect 120 Vac power supplies from over-voltage caused by transients. Equipped with visual status indication and electrically isolated "Form C" dry contacts to allow remote monitoring.

ELECTRICAL Performance:

Tested to: UL 1449 3rd Edition
 SPD Type: Type 2 Component Assembly VZCA2, VZCA8
 Number of Ports: Single port device (L-N)
 Technology: SASD
 Nominal Operating Voltage Un: 120Vac
 Maximum Continuous Operating Voltage MCOV: 150Vac
 Nominal Discharge Surge Current In: 5kA
 Max Discharge Surge Current I_{max}(8/20us): 10kA
 Voltage Protection Level VPL: ≤ 600V
 Short Circuit Current Rating(SCCR): 22kA
 Leakage Current: < 10µA
 Response Time: < 5ns
 Status Monitoring: Visual Indication; Black = Normal, Red = Replace
 Contact Switch = NC, COM, NO
 Contact Rating (Max Switching Current): 1A, 125Vac

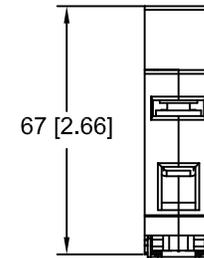
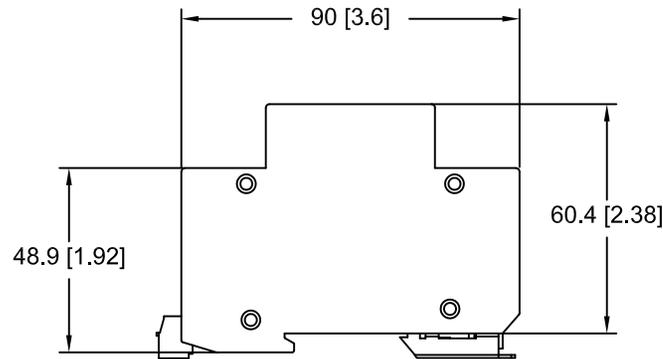
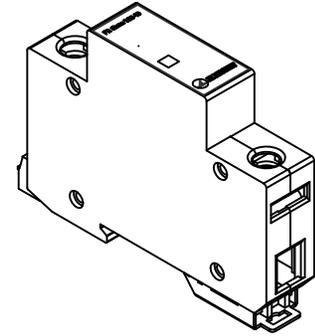
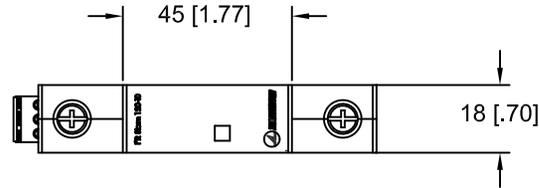
Testing:
 6kV/3kA Combination Wave VPR: 600V

MECHANICAL:

Location: Indoor only
 Mounting: Fixed 35 mm DIN rail
 Dimensions (HxWxD): 90mm x 18mm x 67mm (3.54" x .70" x 2.66")
 Weight: 0.33kg (0.74lb)
 Maximum Wire Size: 16mm² (stranded)-25mm²(solid) (4-6AWG)
 Stripping Length Terminals: 10mm (0.375")
 Torque Terminals: 4.5Nm (3.3ft-lb)
 Maximum Wire Size Contacts: 1.5mm² (16AWG)
 Stripping Length Contacts: 6-7mm (0.25")
 Torque Contacts: 1Nm (0.75 ft-lb)

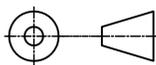
ENVIRONMENTAL:

Operating Temperature: -40° to +85°C
 Relative Humidity: ≤ 95% non condensing
 Enclosure IP code (IEC EN 60529): IP 20
 Housing Inflammability Rating: FRNC-UL94 V-0
 RoHS Compliant



CUSTOMER APPROVAL _____ DATE: _____

ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.

UNLESS OTHERWISE SPECIFIED, LEADING DIMS ARE MILLIMETERS DIMENSIONS IN [] ARE INCHES TOLERANCES: FRACTIONS=± .01 ANGLES= 1° MATERIAL: NOTED	DRAWN IDA-GUO	DATE 4/12/11	 CUSTOMER PRINT I2R STORM 120-10			
	ENG APPD DLR	7/12/11				
	PRODUCT MGR MTH	7/12/11				
	MARKETING APPD LJ	8/17/11				
THIRD-ANGLE PROJECTION 	PROJECT NO. DD55417	NOTICE: THE INFORMATION AND DESIGN IN THIS DOCUMENT IS THE PROPERTY OF TRANSTECTOR SYSTEMS. ALL RIGHTS RESERVED.	SIZE A	CAGE 30992	PART NUMBER 1104-15-001	REV B
SCALE= 1:2		DOCUMENT NAME 1104-15-001-C	SHEET 1 of 1			

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