AC Surge Protector SPD I2R-75K DIN-Rail 347, 600 Vac 3-Phase Wye + CM MOV 75 kA, UL 1449 4th Ed. Type 1 and Type 2



I2R-75KYG600

Features

- UL1449 4th Ed. Type 1/Type 2
- High Capacity MOV Protection
- Visual Suppression Status Indicator
- Dry Contact Remote Annunciation Terminals
- Replaceable Modules I2R-75KR347 and I2R-75KR240 (N-G)
- Wire and Comb Busbar Wiring Terminals
- Reversible Chassis for Top or Bottom Wiring
- DIN-Rail Mount
- No External Backup Fuses Required

Applications

- Electrical Panelboards
- Industrial Automation
- Communications Base Stations
- IT & Data Centers
- Switchgear
- Motor Control Centers
- Automatic Transfer Switches
- Wastewater Treatment
- Oil & Gas
- LED Lighting
- Schools
- Hospitals
- Small Cells
- Intelligent Traffic Systems

Description

AC surge protector (also known as SPD or lightning protector) I2R-75KYG600 from Transtector is a UL1449 4th Ed. Type 1/Type 2 DIN-Rail style SPD that utilizes state of the art MOV technology to protect critical equipment that operates on a 347/600 Vac 3-Phase Wye + CM electrical service. This surge protector provides effective protection against electrical transient surges that are generated both by external lightning events and by internal switching events and supports long-term system reliability by safely shunting high amounts of transient energy while maintaining a very low clamping voltage. Transtector AC surge protectors are available in stock with same day shipping.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Service Voltages		347/600		Vac
Service Type		3-Phase Wye + CM		
Maximum Continuous Operating Voltage (MCOV)				
L - L			840	Vac
L - N			420	Vac
L - G			695	Vac
N - G			275	Vac

Click the following link (or enter part number in “SEARCH” on website) to obtain additional part information including price, inventory and certifications:
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Surge Protection Specification

Description	Minimum	Typical	Maximum	Units
Surge Protection Technology		MOV		
Protection Modes		L-N, L-L, N-G		
8/20µs Surge Current			75	kA
Nominal Discharge Current Rating (In)		10		kA
VPR 8/20µs				
L - L			2,500	Vpk
L - N			1,500	Vpk
L - G			2,000	Vpk
N - G			800	Vpk
Response Time			25	ns
SCCR (Short Circuit Current Rating)		200		kAIC

Mechanical Specifications

Size

Height	2.76 in	[70.1 mm]
Width	4 in	[101.6 mm]
Depth	2.76 in	[70.1 mm]
Weight	1.15 lbs	[521.63 g]
Housing Material and Plating	PA66 CT1; V-0	

Environmental Specifications

Temperature Range (Operational)	-40 to +85 deg C
Temperature Range (Storage)	-40 to +85 deg C
Environmental Protection Rating	IP 20
Humidity	90% non-condensing

Installation

Mount Type	DIN Rail
Service Wiring Terminal	
Compression Lug	#4 to #14 AWG
Status Indication Terminal	
3-Position Screw Terminal	#16 to #22 AWG

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Compliance Certifications

REACH Compliant	05/23/2018
RoHS Compliant	Yes
UL Compliant	Yes
Certifications	UL 1449 4th Ed. Type 1 and Type 2

Transtector Systems specializes in protection of highly sensitive, low voltage equipment through its patented, non-degrading silicon diode technology and custom filters. Our power quality expertise translates into a diverse product offering including AC, DC, and signal applications as well as integrated cabinets, power distribution panels and EMP hardened devices.

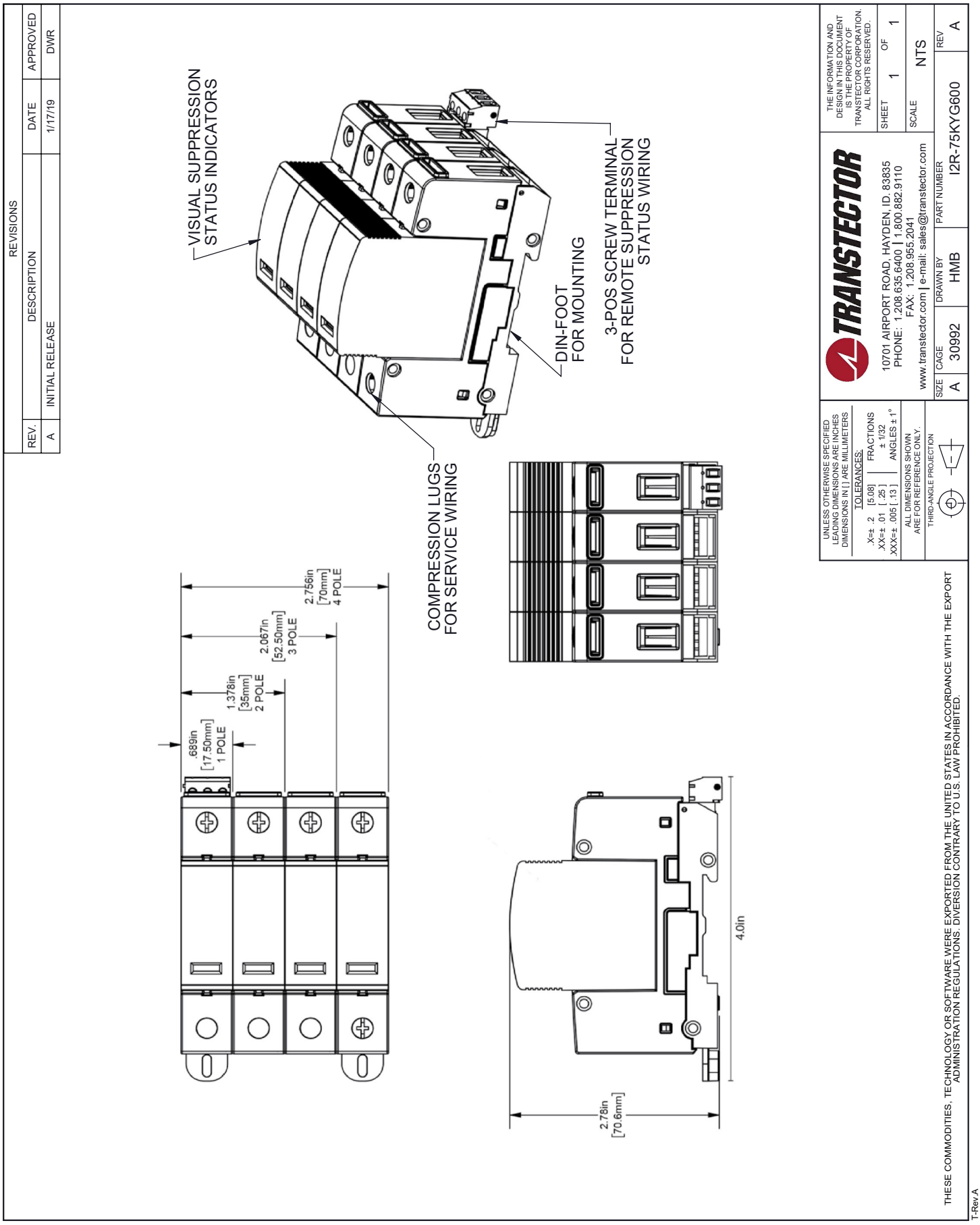
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URL: https://www.transtector.com/ac-surge-protector-spd-i2r-75k-din-i2r-75kyg600-p.aspx

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I2R-75KYG600 CAD Drawing



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