



## Submittal Spec Sheet

### Eaton Innovative Technology® XT50/100 Models Surge Protective Device



XT50/100

#### Introduction

Since 1980, Eaton's Innovative Technology has provided Surge Protective Devices (SPDs) to power quality equipment users around the world. Whatever your electrical surge protection need may be, Eaton's Innovative Technology has a Surge Protective Device to fill it!

#### General Features

- Parallel configured, hard wire connected, Surge Protective Device
- Peak Surge Current —  
XT50: 50 kA  
XT100: 100 kA
- Application — Medium and low exposure level AC power service entrances, branch panels and/or individual equipment disconnects feeding all types of loads
- Warranty — 5 Year free replacement
- Unit Listings — UL®1449 Third Edition; permanently connected; Type 1 and 2
- Nominal discharge current — 20 kA
- SCCR — 100 kA
- CE Compliant to IEC 61643-1 Test Classification I & II
- Vibration Tested to IEC 60255-21-1 & -2
- Manufacturer Qualifications — ISO® 9001:1994 Quality System Certification BSI FM 30833

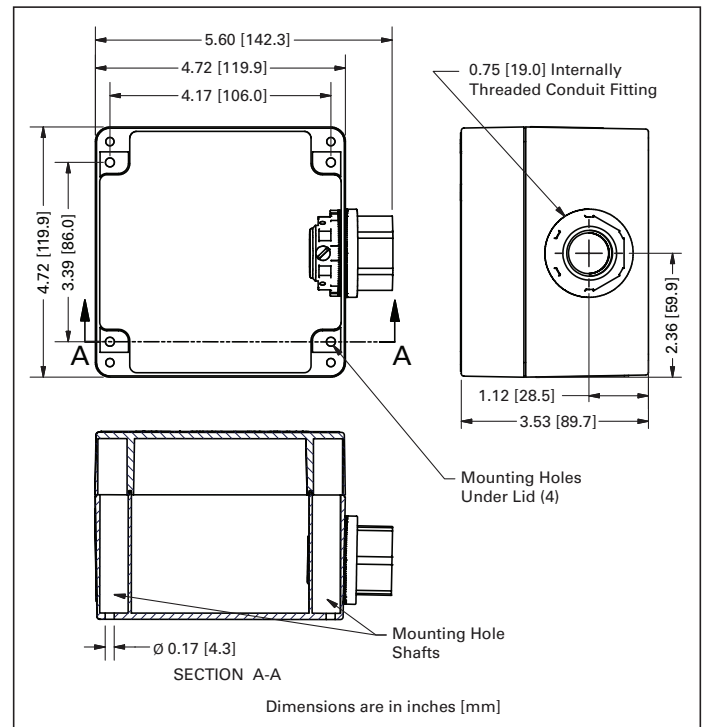
#### Mechanical and Electrical Features

- Enclosure — NEMA® 4X (IP56) polycarbonate weatherproof enclosure (meets or exceeds NEMA 1, 2, 4, 4X, 12, 13)
- Mounting — Threaded conduit fitting and multi-point case mounting holes (external mounting feet available separately)
- Connection — #10 (6 mm<sup>2</sup>) stranded wire
- Weight — ≈2.0 lbs (1.0 kg)
- Operating Temperature — -13 to 140°F (-25 to 60°C)
- Protection — All Modes
- Input Power Frequency — 47–420 Hz (50/60 Hz typical)
- Diagnostics — LED indicators, 1 per phase, normally ON

#### Optional Features and Equipment

- External Mounting Feet

#### Standard Dimensions

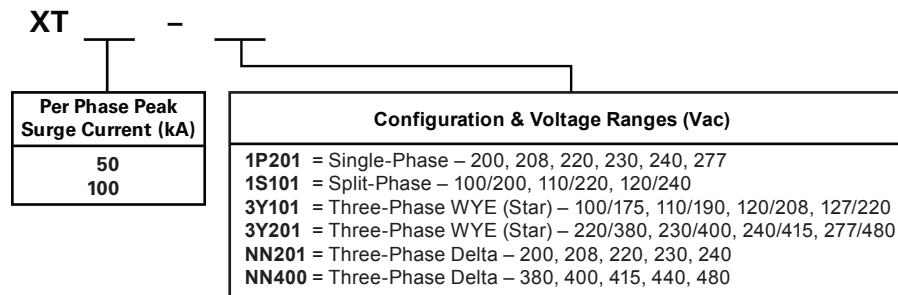


## Performance Data

XT50	System Configuration	Nominal System Voltage	MCOV				UL 1449-3 VPR *			
			L-L	L-N	L-G	N-G	L-L	L-N	L-G	N-G
1P201	Single-Phase 2w + grnd	200, 208, 220, 230, 240, 277	--	320	640	320	--	1200	2000	1200
1S101	Split-Phase 3w + grnd	100/200, 110/220, 120/240	300	150	300	150	1200	700	1200	800
3Y101	3-Phase Y/Star 4w + grnd	100/175, 110/190, 120/208, 127/220	300	150	300	150	1200	700	1200	800
3Y201	3-Phase Y/Star 4w + grnd	220/380, 230/400, 240/415, 277/480	640	320	640	320	2500	1200	2000	1200
NN201	3-Phase 3w + grnd	200, 208, 220, 230, 240	640	--	320	--	2000	--	1200	--
NN400	3-Phase 3w + grnd	380, 400, 415, 440, 480	1100	--	550	--	3000	--	1800	--
<b>XT100</b>										
1P201	Single-Phase 2w + grnd	200, 208, 220, 230, 240, 277	--	320	320	320	--	1200	1200	1200
1S101	Split-Phase 3w + grnd	100/200, 110/220, 120/240	300	150	150	150	1200	700	800	700
3Y101	3-Phase Y/Star 4w + grnd	100/175, 110/190, 120/208, 127/220	300	150	150	150	1000	600	700	700
3Y201	3-Phase Y/Star 4w + grnd	220/380, 230/400, 240/415, 277/480	640	320	320	320	1800	1200	1200	1200
NN201	3-Phase 3w + grnd	200, 208, 220, 230, 240	640	--	320	--	1800	--	1200	--
NN400	3-Phase 3w + grnd	380, 400, 415, 440, 480	1100	--	550	--	3000	--	1800	--

\* UL 1449 3rd Edition VPR (Voltage Protection Rating) Test environment:  
All tests performed with 6" lead length, positive polarity.

## Ordering Guidelines



Innovative Technology is a registered service mark of Eaton Corporation.  
UL is a federally registered trademark of Underwriters Laboratories Inc.  
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NEMA is the registered trademark and service mark of the National Electrical Manufacturers Association.

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