

ACDC SURGE PROTECTOR

FOUR (4) STAGES SURGE PROTECTOR

Hard Wire Installation - MODULAR SYSTEM

Type-PI 800 Grey Series

Single/Three Phase CLASS 1+2+3

Nominal Voltage: 220/230VAC & 380/400VAC

Max. Operating Voltage: 280VAC

Time response: <1 nsec



ACDC Surge Protector /Single Phase
Four (4) Stages protection
Force Trigger Capsular Arresters
Load Rating: 220/230VAC
Surge Current: 30kA (10x350μs)
(R-N); (R-Gnd); (R+N-Gnd)
Response time: < 1ns
Type- PI 800 Grey series 1/1



ACDC Surge Protector /Three Phase
Four (4) Stages protection per Phase
Modular Protection System
Force Trigger Capsular Arresters
Load Rating: 380/400VAC
Surge Current: 90kA (10x350μs)
(R+S+T+N-Gnd); (N-Gnd);
Response time: < 1ns
Type-PI 800 Grey series 3/3

ACDC Surge Protector Type-PI 800 Grey Series

is surge protector that provide effective and reliable protection against surges and transients. The model is use for installation in boundary zone LPZ0a/b-LPZ1 or LPZ01-LPZ2 acc. IEC62305-4. The surge protector have four (4) protection stages. They are installed in one enclosures and provides easy installation for single or three phase application.

Application: The scope of applications refers to the protection of electrical devices against impulse surge and high-frequency (electromagnetic) disturbance, oscillation, speaks in network power supply and atmospheric discharge. These protectors are design to protect equipment in Telecommunications, Hospitals, IT equipment, Military equipment and oth.

Technical Specifications: The basic module of type ACDC Surge Protector - Gray Series is 4 (four) stages Single Phase Protector with modular configuration for single or three phase applications

Investment: Installation of ACDC Surge Protector type - PI is excellent choice for investment in the quality of your power network supply, extended equipment life and reduce their down time and errors.



Nominal Voltage

220/230VAC & 380/400VAC;
Max. Operating Voltage 280VAC

Specification

Four (4) Stages Surge Protector

Function

Suppression signal shape 8/20 μ s or 10/350 μ s

Technology

Parallel Surge Protection; Varistor with thermal cut-off; Control Gas Tube Discharge

Installation

Hard wire installation
Modular System

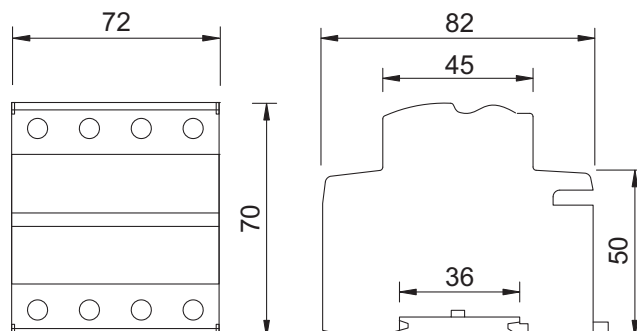
Product Standard

IEC61643-1 Class 1+2+3

Time Response

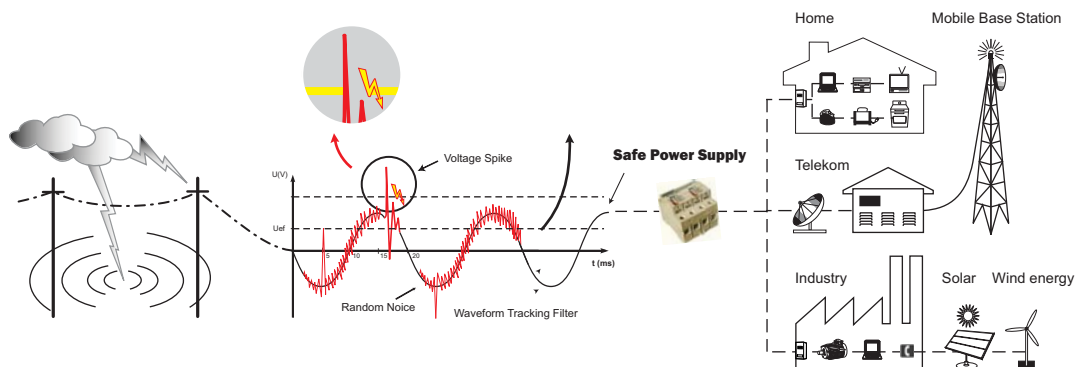
< 1nsec (nanosecond)

Dimension



Protection Stage per Phase	Technical Specification per Phase ACDC Surge Protector Type - PI 800 Grey Series	Function	Technology
1. First stage	Surge Cur. 200kA (8/20 μ s) or 30kA (10/350 μ s)	Suppression signal shape (L-N), (N-Gnd); (L+N-Gnd)	Varistor with thermal cut-off; Control Gas Tube Discharge
2. Second stage	Surge Cur. 25kA (8/20 μ s)	Suppression signal shape (L-N), 8/20 μ s	Varistor with thermal cut-off
3. Third stage	Ultimate protection stage. He switch-off the circuits breaker install upstream, if the pick voltage > 520VDC appears on the output. Circuits breaker should be < 250A gl/gG.	Long term signal suppression from 1 μ s to 2sec.	Control Gas Tube Discharge
4. Fourth stage	TVS Limiter 500A (8/20 μ s); Time response < 1nsec (nanosecond)	High speed efficiency signal suppression	Transient Voltage Suppressor

Application:



Certificate of Quality	ISO 9001:2008
Varistors Standard	UL 1449; IEC 61643-1
MOSFET Standard	UL 1557
PCB Standard	UL 796
Enclosures Standard	IEC 60670
Product Standard acc.	IEC 61643-1 Class I+II+III

Applications:

Computers
Servers
Telecommunication
Medical equipment
Sensitive electronic
Audio & Video
Industrial grade

Features:

Integrate Multi - Stage Protection System
Two Protection Stage
Thermal Circuit Protection
High Reliability
Excellent Response Time < 1ns