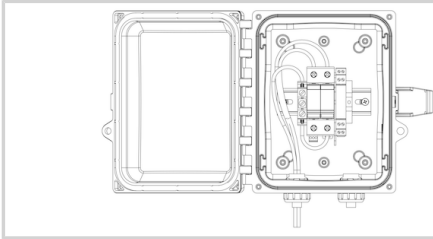




### AC Power and Dataline Surge Protector

- AC I<sub>max</sub> 75kA 8x20 μs
- Data I<sub>max</sub>: 20 kA 8x20 μs
- Replaceable Modules for Fast and Easy Maintenance
- Remote Signalization
- Visual Fault Indication
- Nema 4X Enclosure
- UL 1449 5TH Edition Listed (Type 1)



| Electrical Characteristics        |       |   |
|-----------------------------------|-------|---|
| AC SURGE PROTECTION               |       | SEE BELOW   |
| VOLTS                             | (V)   | 120   |
| AC/DC/DC PV/RF                    |       | AC  |
| PHASE                             | (PH)  | 1   |
| AMBIENT MIN                       | (C)   | -35   |
| AMBIENT MAX                       | (C)   | +60   |
| MODES                             |       | L-L, L-G, L-N, N-G  |
| VPR                               | (V)   | 1200/800/700  |
| MCOV                              | (V)   | 300/150/150   |
| IN<br>15 impulses 8/20μs          | (kA)  | 20  |
| SCCR                              | (kA)  | 100   |
| IMAX<br>8/20μs                    | (kA)  | 75  |
| REMOTE SIGNALIZATION              |       | AC MAX: 250V/0.5A, DC MAX:30V/3A, MIN. AC-DC-100mA        |
| DATA LINE SURGE PROTECTION        |       | SEE BELOW   |
| NOMINAL LINE VOLTAGE              | (Vdc) | 24  |
| MAX. LINE VOLTAGE                 | (Vdc) | 170   |
| LINE CURRENT MAX.                 | (mA)  | 300   |
| MAX. FREQUENCY                    | (MHz) | 3   |
| INSERTION LOSS (@ Max. Frequency) | (dB)  | <1  |
| IMAX-8/20us 1x                    | (kA)  | 20  |
| IN-8/20us-10x                     | (kA)  | 10  |
| Iimp-10/350us-2X                  | (kA)  | 5   |
| RESIDUAL VOLTAGE                  | (V)   | 40  |
| Mechanical Characteristics        |       |   |
| APPLICATION                       |       | WATER/WASTEWATER  |
| INSTALLATION LOCATION             |       | INDOOR/OUTDOOR  |
| TECHNOLOGY                        |       | AC-MOV, DATA LINE-GDT-SAD                                 |
| AC CONNECTION                     |       | 2W+G, Prewired- 5ft #10 AWG Wire- P-Blk, N-White, G-Green |
| DATA LINE CONNECTION              |       | 2W+SHIELD+G, 16-22 AWG WIRE, SCREW TERMINALS              |
| MOUNTING                          |       | SURFACE MOUNT   |
| MATERIAL                          |       | Polycarbonate   |
| NEMA RATING (IP RATING)           |       | 4X (IP67)   |
| REAL-TIME DIAGNOSTICS             |       | Visual indicator and remote contacts                      |
| DIMENSIONS                        |       | 8X6X4 -Inches   |
| Standards                         |       |   |
| UL STANDARD                       |       | UL1449 5th Edition  |
| UL CATEGORY                       |       | VZCA  |
| UL FILE NUMBER                    |       | E326289   |
| ENVIRONMENTAL STANDARDS           |       | ROHS  |
| Part number                       |       |   |
| 890800                            |       |   |