

ACT Surge Stryker 455 LT Family

7-Mode Hardwired Primary AC Surge Protection Device



▶ The Surge Stryker LT Family is a high performance surge protector designed for critical panel locations. The SPD incorporates high-energy MOVs with the best performing AC filter on the market to provide protection against transients originating from induced lightning strikes, utility switching and facility power noise.

Real-time diagnostics include LED fault indicators for each phase, as well as an optional alarm that includes red LED, dual Form C dry contacts for remote indication.

Housed in a rugged resin NEMA 12/4X enclosure, these devices are suitable for harsh indoor or outdoor applications. The ACT 455 LT Family is available for all voltages and configurations up to 480Vac.

EXAMPLE: ACT 455-277Y-100-LT-R

Wall mounted protector at 100kA/mode with remote alarm relay.

▶ RECOMMENDED LOCATION

- Type 2 Location
- Cell Sites, Well Pumps / Cat C
- Distribution Equipment / Cat B
- Branch Panels / Cat B
- Point of Use / Cat A
- Residential / Cat C

▶ AC PANEL PROTECTION

- Available in 050, 080, 100 kA per modes
- All modes of protection (L-N, L-G, N-G, L-L)
- 200 kAIC Fault Current Rating
- Advanced EMI/RFI Noise Filtering (-45dB) 3kHz - 1MHz
- 2-year warranty (5-year optional)
- 3rd Party Tested - 15,000 (C3 20 kV/10 kA)

▶ CHARACTERISTICS

Surge Handling (Imax)	Up to 100 kA/mode 200 kA/phase
All Mode Protection (10 modes)	L-N, L-G, N-G, L-L
Response Time	<5 nanoseconds MOV Technology
Green LED Indicators	Yes
EMI/RFI Noise Rejection (option)	-45dB
Optional Alarms Red LED	Yes
Remote Signalling	Form C dry contacts – NC & NO

▶ STANDARDS & GUIDELINES

Listed by ETL for UL 1449 5th Edition	USA
ANSI/IEEE C62.41	USA
Listed by ETL for UL 1283 Power Filters	USA
3rd Party to IEC61643-11 CE Mark International	

▶ FEATURES

Surge Rating (kA) by Mode:	050, 080, 100	
Surge Rating (kA) by Phase:	100, 160, 200	
Enclosure Type:	Resin NEMA 12/4X – Standard no option code	
Optional Alarms	Alarm LED, Remote Relay	– R
Optional Filter	-45 dB EMI / Noise Filter	– F
Optional Mounting	Top Feed	– T

