

Relaunch of

Bender LifeGuard® protection panels (effective May 2019)



Product Update:

Bender is committed to providing the highest quality electrical protection products. A shortage of qualified critical components has obliged Bender to withdraw Class A Ground-Fault Circuit-Interrupters from the Bender LifeGuard® series of protection panels. Whether Bender can resource qualified components and again offer Class A GFCI protection panels to its customers in the future is under consideration.

In place of the Class A GFCI protection panels, LifeGuard® UL 508A Listed Industrial Control Panels can be used where suitable. These LifeGuard® ICPs, available in 120, 208, and 240-V two, three, and four-wire models, are in-line ground-fault protection panels that interrupt the monitored circuit when 6 mA or more AC or DC ground-fault current is detected. They have an inverse operating-time characteristic that conforms to the performance requirements of UL 943.

Several other non-Class A LifeGuard® protection panel models, ranging from 120 to 600 V, continue to be available.

For additional information, contact a Bender office, your Bender regional manager, or an authorized representative.

BENDER LEGACY GFCI AND NEW ICP LIFEGUARD® SERIES PRODUCTS

To assist our customers in understanding the technical similarities and differences between our legacy LifeGuard® Series Class A GFCI, the current Class A GFCI requirements of UL 943 (5th Ed.), and our new LifeGuard® Series ICP (Industrial Control Panels), we provide the following comparison chart for your reference:

| Legacy LifeGuard® Series Class A GFCI | <u>Class A GFCI</u> | New LifeGuard® Series <u>ICP</u> |
|--|--|--|
| Certified to UL 943 (4 th Ed.) | Certified to UL 943 (5 th Ed.) | Certified to UL 508A ¹ |
| Grounded-neutral AC circuits of 120V, 208Y/120V, 120/240V, 127V, 220Y/127V, 0-150 Hz | Grounded-neutral AC circuits of 120V, 208Y/120V, 120/240V, 127V, 220Y/127V, 60Hz | Grounded-neutral AC circuits of 120V, 208Y/120V, 120/240V, 127V, 220Y/127V, 0-150 Hz |
| Trip at 6 mA or more (but not 4 mA or less) | Trip at 6 mA or more (but not 4 mA or less) | Trip at 6 mA or more (but not 4 mA or less) |
| Trip Time $T \leq (20/I)^{1.43}$, 25 ms min. | Trip Time $T = (20/I)^{1.43}$ max., 25 ms min. | Trip Time $T \leq (20/I)^{1.43}$, 25 ms min. |
| Grounded-neutral protection | Grounded-neutral protection | Grounded-neutral protection |
| Bender software standard | UL 1998 software standard | Bender software standard |
| No end-of-life detection on device Self-Test failure | End-of-life detection on device Self-Test failure | No end-of-life detection on device Self-Test failure |
| Manual Test Function | Manual Test Function | Manual Test Function |
| Self-Test Function (every 24 hours) | Self-Test Function (every 3 hours) | Self-Test Function (every 24 hours) |

¹For Bender customers that require a product that is Class A GFCI UL 943 (5th ed.) compliant, the necessary authorization may be available by working in conjunction with a licensed electrical contractor and the local authority having jurisdiction (AHJ). Using this process, LifeGuard® Series Industrial Control Panel products may be approved for use in applications requiring Class A UL 943 (5th ed.) certification. For more information or technical assistance, please contact your Bender representative.