

Super-Safeway Ground Fault Circuit Interrupter (GFCI) Industrial-Duty Products >

IP69K-rated Super-Safeway GFCI Industrial Duty Products achieve the highest standard for seal protection to deliver exceptional quality and reliability for advanced electrical safety in extreme conditions and harsh environments where personnel and equipment are at risk. Safeway Cable Drops with Watertite Extreme Plugs and Connectors are also built with excellence to perform under extreme conditions.

FEATURES AND ADVANTAGES

Automatic and manual (GFCI) reset functions available

Provide application-specific flexibility: the automatic reset model restores power as soon as it is regained; the manual reset model requires the user to push the reset button once power is restored

IP69K rated

Meets industry standards to provide excellent protection in extreme conditions and harsh environments

Double insulated GFCI

Meets industry standards and provides an extra layer of protection to the GFCI device

IP69K RATED FOR EXCELLENT PROTECTION

Open-neutral sensing relay

Stops the power flow under threatening conditions; meets OSHA requirements



LED indicator

Provides visual confirmation for operating status from a distance

Various voltages ratings offered: single-phase — 120 thru 240V AC at 20 and 30A

Provide customer convenience with several electrical options

NEMA 4X and 6P ratings

Deliver a GFCI-compliant product for virtually any application

MARKETS AND APPLICATIONS

Electrical and Industrial

Airports
Amusement parks/fairs/zoos
Entertainment facilities
Food and beverage plants
Golf courses
Manufacturing/Processing facilities
Municipal institutions
Petrochemical processing facilities
Shipyards
Subways
Train and bus stations

Industrial

Construction sites
Electrical service companies
Maintenance departments
Power distribution
Vending machines
Water/drinking fountains

Impact-resistant nylon housing and chemical UV-resistant coating

Protect the GFCI from damage due to vibration, sunlight, oil and chemicals

Electronically Enhanced Filter

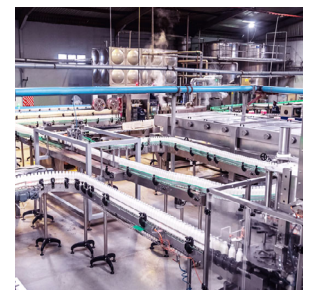
Minimizes nuisance tripping in welding, generator power, variable frequency drive and other “electrically noisy” applications



Petrochemical Processing Plant



Shipyards



Beverage Processing Equipment

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SPECIFICATIONS

REFERENCE INFORMATION

UL File No.: 942
CSA File No.: 22.2, No. 144
IP Rating: IP69k for 20.0A

ELECTRICAL

Rated Voltages:
120/240V AC single phase
Operating Voltage Range:
85 to 110% of rated voltage
Current (max.): 20.0A
Frequency (max.): 60 Hz
Trip Level: 5 +/- 1mA
Response Time:
25 mS max. @ 500 Ohms fault
Dielectric Withstand:
1,500V RMS across contact; 4,000V RMS
between conductors and enclosure
Surge Withstand:
6,000V impulse; 0.5 μ s rise time
100kHz ringing frequency with
40% decay per cycle
Line Voltage Release: 60% of rated
Grounded Neutral Detection:
2 Ohms or less

PHYSICAL

Duty Type: Industrial
Type: Class A
Mating Cycles (min.): 5,000
Open Neutral Protection: Yes
Grounded Neutral Protection: Yes
Power On Indication: Lighted green LED
Power Fault Indication: Blinking red LED
Mounting Type: Portable
Operating Temperature Range: -35 to +66°C

www.molex.com/link/gfci.html