

Merge Isolate Zone Control System

MICAB Merge Isolate Switching Cabinet MICON Master Control Station

FEATURES and BENEFITS

MICAB Merge Isolate Switching Cabinet

- Five Zone Support
- Supports up to 6 Master Control Stations
- System expandable in tandem, five zone multiples
- Heavy duty Rack Mount Unit (2 U)
- Support for door alarm, loop power monitoring &
- Data Comm Monitoring
- Also available as a custom Wall Mount Unit

MICON Master Control Station

- Single button merge/isolate for all zones
- Magnetic reed hook-switch (> 1,000,000 operations)
- Integrated paging speaker with volume adjustment
- Factory tested housing and handset are designed and constructed to meet IP-66 standards
- Glass filled polyester (carbon loaded) housing and handset
- Corrosion resistant hardware
- Noise canceling microphone
- Removable handset retainer latches on cradle
- Ergonomic handset with integrated push-to-page switch
- Heavy-duty industrial handset cord
- Urethane coated water tight silicon keypad
- Alarm system control and trigger indication
- System summary alarm indicators
- Lamp test to verify alarm LED's & LCD display operation
- Back lit LCD display – 2 line x 16 character
- Hearing aid compatible & receiver volume adjustment
- Simple field installation with one cable connection to MICAB
- Can be configured for desktop or wall mount applications
- Each MICON comes with 164ft (50m) of cable but will operate up to 1640ft (500m)



MICAB
Merge Isolate Switching
Cabinet



MICON Master Control
Station – configured for
wall mount

MI SERIES

Guardian's robust Merge Isolate Zone Control System allows you to reduce the demands of heavy communication traffic by isolating the number of users into smaller zones. When broader paging and communication coverage on Guardian Telecom Page/Talk and other competitive systems is required the merge function brings individual or all zones together to deliver essential communication on larger systems. Fully expandable, the MI Zone Control System is designed to grow with your needs allowing you to add five zone multiples in tandem.

INSTALLATION and CONNECTABILITY

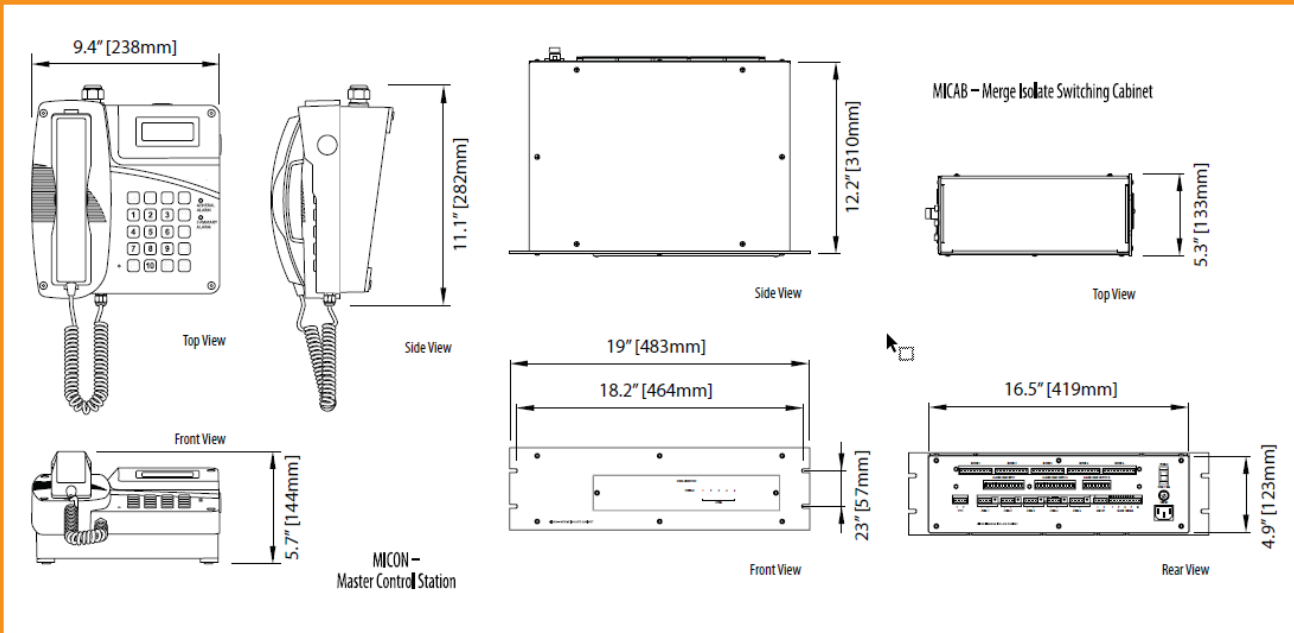
Guardian's modular approach to system design gives you the flexibility to set up systems based on exactly what is needed – as well as the ability to integrate equipment already in place.



tough. trusted. true.



OVERALL DIMENSIONS



MIZCS Merge Isolate Zone Control System

ENGINEERING SPECIFICATIONS

ELECTRICAL REQUIREMENTS

MICON Master Control Station

Power Consumption	24VDC, 150mA
Fuse Rating	250mA
Audio Frequency Response	300-3400Hz
Paging Speaker Volume	~85dB @ 1m
Maximum Loop Length	1.6 Kft (~500m) of 24 AWG Wire

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MICAB Merge Isolate Switching Cabinet

Power	24VDC / 120VAC / 230VAC, 50/60Hz selectable @ 1.5A Maximum
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MECHANICAL SPECIFICATIONS

MICON Master Control Station

Body Construction	Glass Filled Polyester (Carbon Loaded)
Hand Set Construction	Glass Filled Polyester (Carbon Loaded)
Net Weight	8.6 lbs (3.9 kg)
Shipping Weight	10.5 lbs (4.8 kg)
Shipping Dimensions (L x W x D)	16.0" x 10.5" x 9.5" (407 x 267 x 242 mm)
Handset Cord	1.5 m Extended
Mounting	Desk Top or Wall Mount
Wiring Access	Qty. 2 - 7/8" threaded holes to support M20 Glands

MICAB Merge Isolate Switching Cabinet

Body Construction	16 Ga Steel
Face Plate Construction	10 Ga Steel
Face Plate Dimensions	19" x 5.3" (483 x 133 mm)
EIA Standard 2 Rack Units	
Net Weight	Rack 18.0 lbs (8.2 kg)
Shipping Weight	Rack 20.3 lbs (9.3 kg)
Shipping Dimensions (L x W x D)	20.0" x 15.0" x 11.5" (508 x 381 x 293 mm)
Mounting	Rack Mount
Paint	Epoxy Powder Coat

ENVIRONMENTAL

MICON Master Control Station

Corrosion Resistant	Full Gasket Faceplate
Temperature Range	-20° to +60°C (-4°F to +140°F)
Weather Proof Enclosure	Type 4X/IP66 Equivalent

MICAB Merge Isolate Switching Cabinet

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Weather Rating	NEMA 12

ORDERING INFORMATION

Warranty: Three years parts and labor

Order No.	Description
P9000	MICAB Merge Isolate Switching Cabinet
P9001	MICON Master Control Station*dfgd

* Master Station cable length must be specified and quoted at time of order.

Options

	MICON	MICAB
CC	Conformal coated circuitry	
	- Master Control Station	- Merge Isolate Switching Cabinet

Distributed by:



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