



ON **1** **2**

ON 1 2

A circular button with a grey triangular segment labeled 'OFF' and a blue triangular segment labeled 'BLUE'.

Relay Energized

Specification	Min.	Max.	Units
supply voltage	100	125	VAC
supply frequency	50	60	Hz
supply power		5	Watts
supply terminal wire gauge	18		AWG
relay contact voltage		120	VAC
relay contact current		5	A
relay terminal wire gauge	20		AWG
operating temperature	-20	60	°C
relative humidity		100	%
ground loop resistance		2200	Ω



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FT7247 RackMate GV Ground Verification Monitor



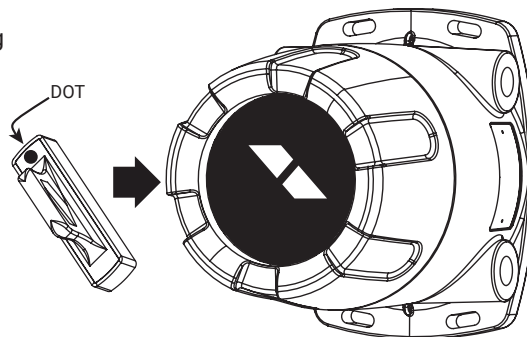
Bypass

If the RackMate GV is connected to equipment that is unable to satisfy the permit conditions, the monitor may be bypassed to enable the loading/unloading process to proceed.



Bypassing ground verification can lead to static discharge and ignition. USE EXTREME CAUTION!

Once the RackMate GV has been put into bypass mode, it will remain bypassed until the bypass is manually ended (by the same sequence) or 30 minutes has elapsed.



To engage the monitors bypass function, complete the following sequence:

Place fob against front of enclosure, dot at 10 o'clock



Once indicator begins to flash yellow, remove fob



While indicator turns pink, replace fob and immediately remove it



Indicator will turn solid yellow and bypass mode is active



Bypass mode active
Relay Energized

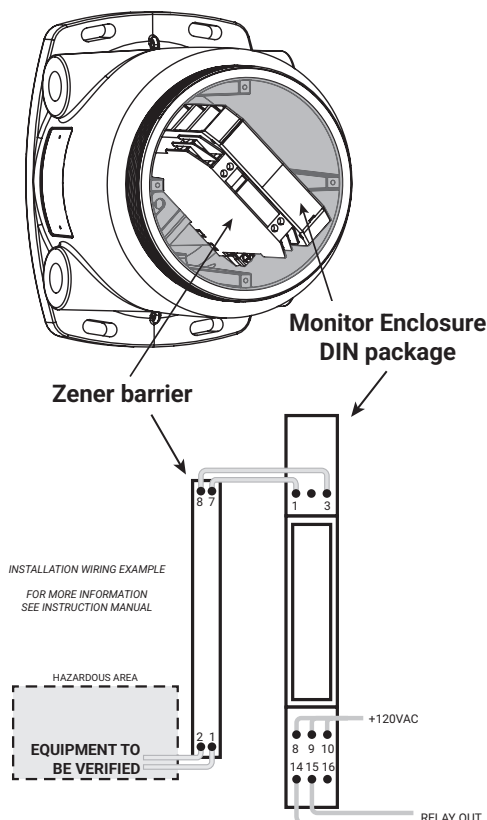


CAUTION: The relay is energized in this state, and ALL safety checks are bypassed.

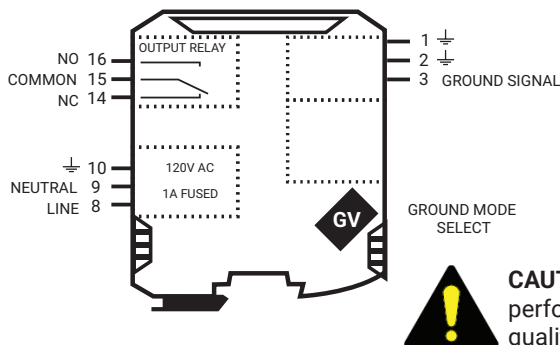
Installation and Hookup

The FT7247 features an explosion-proof enclosure with a glass window. The enclosure features four conduit entries. Within the enclosure are two modules, mounted at 45 degrees: the FT7247 DIN module and the Zener barrier, which are necessary to maintain safe operation in hazardous locations.

FT7247 GV monitors are suitable for installation in ordinary and specific hazardous locations defined by NEC NFPA70, CEC C22.1, IEC 60079-10, or other standards applicable in the local jurisdiction.



FT7247 DIN Module Terminals



All conduit entries on the enclosure must be sealed with appropriate hazardous location fittings.



CAUTION: Installation should be performed by an appropriately qualified professional.

FT7247 RackMate GV monitors have no parts that will require regular maintenance. For information and technical support please contact Dixon Support +1.513.874.8499 OR 877.582.3569

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