

# MJ20-MEM1

## Installation Guide & Technical Specifications Program Cloner Add-on Module

- Before using this product, the user must read and understand this document.
- For additional information regarding this product, refer to the Jazz™ user guide.
- All examples and diagrams are intended to aid understanding, and do not guarantee operation. Unitronics accepts no responsibility for actual use of this product based on these examples.
- Please dispose of this product according to local and national standards and regulations.
- Only qualified service personnel should open this device or carry out repairs.



Failure to comply with appropriate safety guidelines can cause severe injury or property damage.



- Do not attempt to use this device with parameters that exceed permissible levels.

### Environmental Considerations



- Do not install in areas with: excessive or conductive dust, corrosive or flammable gas, moisture or rain, excessive heat, regular impact shocks or excessive vibration.



- Do not place in water or let water leak onto the unit.
- Do not allow debris to fall inside the unit during installation.

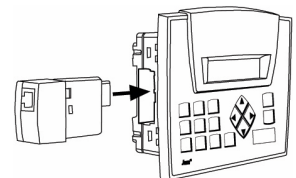
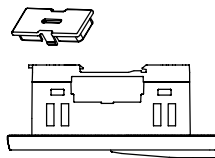
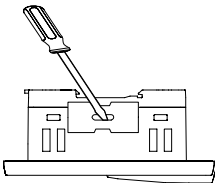
### About the Program Cloner Add-on Module

The Program Cloner enables you to copy applications between Jazz™ OPLCs™. You plug the Cloner into the jack of a Jazz OPLC and then use Info Mode to:

- Copy the complete application, including the PLC Ladder program, HMI application, and OS into the Cloner. In addition, you can also copy certain current application values. You can find a list of these values in the Jazz user guide.
- Plug the Cloner into another Jazz OPLC and download the complete application

### Installation and Removal

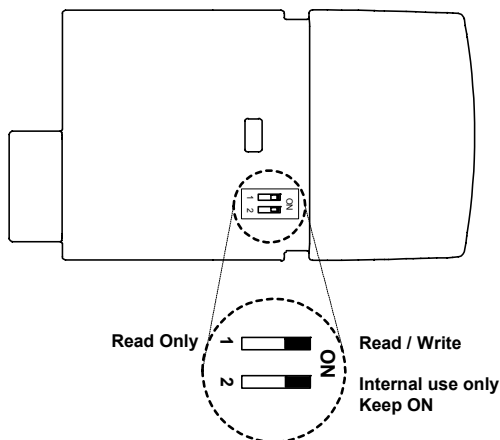
1. Remove the cover from the Jazz jack as shown in the first two figures below.
2. Position the Cloner so that the Cloner's pin receptacles are aligned with the pins in the Jazz jack as shown in the third figure below.
3. Gently slide the port into the jack until it snaps into place.
4. To remove the port, slide it out, and then re-cover the Jazz jack.



## DIP Switch

There are two switches on the Cloner.

- 1: - ON enables you to both read from and write to the Cloner  
- OFF enables you to apply write protection. This enables read-only
- 2: This switch is for factory use only. It is set in the ON position. Do not move it.



## MJ20-MEM1 Technical Specifications

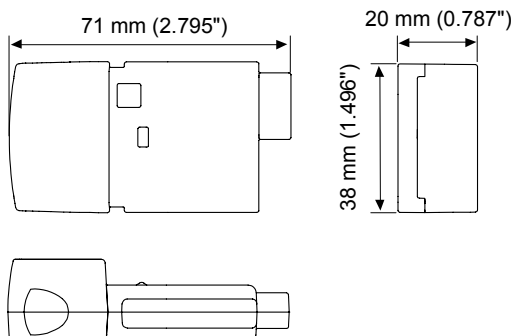
### Memory

Memory type Flash

### Environmental

Operating temperature 0° to 50°C (32° to 122°F)  
Storage temperature -20° to 60° C (-4° to 140°F)  
Relative Humidity (RH) 10% to 95% (non-condensing)

### Dimensions



### Weight

24g (0.85oz.)

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