## W $11 \times$ H 22 mm 7-segment Display Units <br> D1SA Series <br> INSTRUCTION MANUAL <br> TCD210087AA <br> Autonics

Thank you tor choosing our Autonics product.
ead andunderstand sing the product.
or your safety, read and follow the considerations written in the instruction manual, other manuals and Autonics website.
The specifications, dimensions, etc. are wubject to change easily
he specifications, dimensions, etc. are subject to change without notice for product Follow Autonics website for the latest information.

## Safety Considerations

Observe all 'Safety Considerations' for safe and proper operation to avid hazards - $\Delta$ symbol indicates caution due to special circumstances in which hazards may occur
$\triangle$ Warning Failure to follow instructions may result in serious injury or death.

1. Fail-safe device must be installed when using the unit with machinery that may cause serious injury or substantial economic loss. (e.g., nuclear power control, medical equipment, ships, vehicles, railways, aircraft, combustio apparatus, safety equipment
Failure to follow this instruction
2. Do not use the unit in the place where flammable/explosive/corrosive gas, high humidity, direct sunlight, radiant heat, vibration, impact or salinity
may be present. may be present.
3. Install on a device panel to use

Failure to follow this panstruction may result in fire.
04. Do not connect, repair, or inspect the unit while connected to a power Failure to
05. Check 'Unit description and function setting' before wiring

Failure to follow this instruction may result in fire.
Failure to follow this instruction may result
$\triangle$ Caution Failure to follow instructions may result in iniury or product damage.

1. Use the unit within the rated specifications.
. ailure to follow this instruction may result in fire or product damage.
2. Use a dry cloth to clean the unit, and do not use water or organic solvent.
Failure to follow this instruction may result in fire
3. Keep the follt this mastrion may resut in fire
dust, and wire residue which flow
into the unit.
Failure to follow

## Cautions during Use

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ccididnts.
$2-24 \mathrm{VVC}=$.
model power supply should be insulated and limited voltage/current or Class 2, sELV power supply device
stall a power switch or circuit breaker in the easily accessible place for supplying or
Keep away from high voltage lines or power lines to prevent inductive noise. In case istaling power line and input signal line closely, use line filter or varistor at power line d shielded wire at input signal line
not use near the equipment which generates strong magnetic force or high

- his unit may be used in the following environments

Altitude max. $2,000 \mathrm{~m}$ (
-Altitude max. 2,000 n
Installation category


## Multi-stage Connection

## Based on the

use Zero Blanking.

- Parallel input
-Static Paralle

- Dynamic Paralle

- Serial input



## Zero Blanking

-This function removes '0' that is no meaning when displaying the data in the stage connection.
Set 22 ZZero Blanking) as on
Set $10^{\circ}$ as OFF to display ${ }^{\circ} \mathrm{O}$. Connect BI I terminal to GND for deactivating Zero Blankin Using Zero Blanking


Not using Zero Blanking


