## ø22/25 mm Round Mount Emergency Stop <br> Switches <br> SF2ER Series <br> INSTRUCTION MANUAL

TCD210164AA
Autonics
hank you for choosing our Autonics product.
and manual thoroughly before For your safety, read and follow the below safety considerations before using.
For your safety, read and follow the considerations written in the instruction manual, there reanauls and Alowthonics website.
Keep this instruction manual in a place where you can find easily.
The specifications, dimensions, etc. are subject to change without notice for product.


## Safety Considerations

- Observe al 'safety Considerations' for safe and proper operation to avoid hazards.
$\triangle$ Warning Failure to follow instructions may result in serious injury or death.

1. Failsafe device must be installed when using the unit with machinery that may
cause serious injury or substantial economic loss. (egg. . nuclear power control. medici ce equipment, ships, vehicles, railways, aircraft, combustion apparatus, safety

2. System manager means followings;
a personnel who is fully aware of installation, setting, operation, and maintenance
of the product a personnel who well observes standard/regulation/statute on the product by type
of machine the product installed in and nation region the product used in Machine Lur means a personnel who is appropriately trained about suing machine by the system manager, so that machine user can operate the machine correctly.
System manager has duty to train the machine user about operation of the product
 been found while system is operating
 Cailureto follow swthtis instruction may result in personal injury due to unintended operation
3. Before using the e product, check that function of the product operates a in intended

and unstable detection.
 or dust may be seresingt.
4. Do not disassemble or modify

Failure to follow this is instruction may result it n personal injury office due to l loss of safer
07. Do ont defeat, tamper, modify, the switch
 weekly basis.

- when operating the safety system at first
- when replacing component
-when the system has not been operated for a long time
Failure to flow this instruction may reasututi in personong injury due to malfunction of the

9. Do not connect, repair, inspect, or replace the unit while connected to a power
source.
Failure to follow this instruction may result in fire.
10. Check Connections before wiring.

 In case installing power line and inputs signal line closely, use line filter or varistor
power tine and shielded wire at input signal line. power line and shielded wire at input signal line.
Donor use near the equipment which generates strong magnetic force or high

$\triangle$ Caution Failure to follow instructions may resultin injury or product damage.
11. Use the unit within the rated specifications.
12. Use a dry cloth to clean the unit, and do not ute we water or organic solvent.

Failure to follow this instruction may result in fire, and wire residue which flow into the
03. kep the product away from metal chip, dust, and
unit.
Failure to follow this instruction may result in fire, product damage or malfunction


## - Contact capacity



## Dimensions

Unit: mm, For the detailed drawings follow the Autonics website.
show the no-mark mod
■ D30 (short head, non-illuminated)


■ D40 (short head, non-illuminated)


- Panel cutout


Parts Descriptions


## Installation and Remove

## Installing

1. Insert the control unit from the front side of panel in the (1) direction

Insert the fixing nut from the rare side of panel in the (2) direction.
Before tightening the fixing nut, be sure that there is rubber washer between the
switch and panel.
4. Put the operation unit to the control unit in the (9) direction.


- Removing

1. Turn the lever in the (1) direction using the screwdriver.
2. Pull the operation unit int (2) direction to disassemble it.
3. Release the fixing nut in the (1) direction to disassemble it.


## Contact block

- Assembling contact block
insert the contact block in the a arrow
direction


Disassembling contact block
Lit up the lever in the arrow direction with
the screwdriver and to disassemble the he screwdriver


Wiring
-When wiring contact block, use phillips or slotted $M 3.5$ screws with square wash - Applicable wire: AW G 18 (0.823 mn

Unit: mm, Please use UL certified terminals.


