



Different classes will require different types of products to be use to obtain such safety class. Such as the ones listed below,

1) F3SJ

- A Class 4 Safety Curtain Sensor
- 20ms self monitoring diagnosis and redundancy circuit
- Can be wired directly to the motor contactor
- Compact with built-in controller for muting function

2) E3ZS & E3FS

- A Class 2 single beam safety sensor use with F3SX safety controller
- For protection against small gaps and rollers

3) D4NL

- Safety door lock
- locking strength of 1.3KN
- Available in solenoid or mechanical lock.

4) D4NS

- Safety Door Switches
- Indicates whether door is closed or open
- Two outputs for redundancy purpose

5) G9S

- Safety Relay
- Interlocking between all safety door lock/switches, safety curtain sensors etc
- Able to detect circuitry faults and shut down the machine until the fault is fixed.

For more information, please email us at [marketing@precicon.com.sg](mailto:marketing@precicon.com.sg)

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\*Omron Component Fieldbus

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Introducing to you, Omron's dedicate high speed communication bus for remote terminal connection to the devices and back to the PLC.

With a high transfer speed of 750kps at distance of 100m (93.75kps for up to 500m Distance.), you will be able to control and monitor the devices such as photo-sensor, solenoids valves, limits switches and even another PLC across the factory floor easily.

Basic Features:

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- Supports up to 320I/Os per Master.
- Max 40 Units per PLC (for up to 3 expansion Racks\*)
- Configures up to 32 nodes (Slave terminals) in a single network.

Available Modules for Supporting PLC:

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- CS1W-SRM21 (for CS Series PLC)
- C200HW-SRM21-V1 (for C200H and CS Series PLC)
- CJ1W-SRM21 (for CJ Series PLC)

\*Depending on PLC's CPU Model.

Please do not hesitate to contact us for more information on the Fieldbus.

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\* Omron NS Touch screen series

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Omron latest NS comes in 4 different sizes 5", 8",10" and 12",with enhanced networking features, image progress, easy configuration and libraries allowing users to create interfacing screen in no time.

The NS Series achieves flexible data access to a variety of devices. It enables operators to reach the devices on the network including special I/O units intelligent devices and PLCS.

Basic Features:

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- 256-color Touch panel with advanced graphic function and networking capabilities.
- Support max.4 Video input
- USB printer and CF card function which allows easy program/data transfer and real-time process logging
- TFT display with wide viewing angle

Click here to find out more about the NS Touchscreen.->

[http://www.omron-ap.com/product\\_info/NS%20Series/index.asp](http://www.omron-ap.com/product_info/NS%20Series/index.asp)

Take a quick look at the NEW CX designer too!

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\* To subscribe / unsubscribe

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Hope you have enjoyed the newsletter and the information is useful to you. If you think this information would benefit any of your colleagues, please feel free to forward to them.

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To unsubscribe, send a blank email to [unsubscribe@precicon.com.sg](mailto:unsubscribe@precicon.com.sg)

Lastly, thanks for your time once again and we look forward to provide you with more updates in our next issue.

Best regards,  
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