Incorporates the STO (Safe Torque Off) function

Applicable Standards
- IEC 61800-5-2, EN 61800-5-2
- IEC 61508-1, EN 61508-1
- IEC 61508-2, EN 61508-2
- IEC 62061, EN 62061 SIL CL 3
- ISO 13849-1, EN ISO 13849-1 PL e (Category 3)

Applicable Products

| AC Input                        | Built-in Controller Type
|                                | Pulse Input Type with RS-485 Communication
|                                | Pulse Input Type

SIL3, PL-e Functional Safety* Certification Has Been Obtained

*SIL3, PL-e Functional Safety* Certification Has Been Obtained

This certification simplifies the handling of safety systems.
It makes it possible to reduce peripheral equipment, simplifies wiring and saves space.

**Functional Safety**

Certification Has Been Obtained
Drivers with Built-In Safety Functions Simplify Components

A driver with a built-in safety function can prevent unintended operation, which eliminates the need for contactors. This allows for reduced equipment wiring and saved space.

- When using a driver without a built-in safety function

- When using the **AZ** Series (Drivers with a built-in safety function)

The STO Function Prevents The Unintended Start of The Motor while It Is Stopped

Certified products have an STO (Safe Torque Off) function, which disconnects the supply of power to the motors. By disconnecting the power supply to the motor, the risk posed by dangerous movement of the equipment’s moving parts is reduced. *Do not use during operation.*

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