

FACTORY AUTOMATION

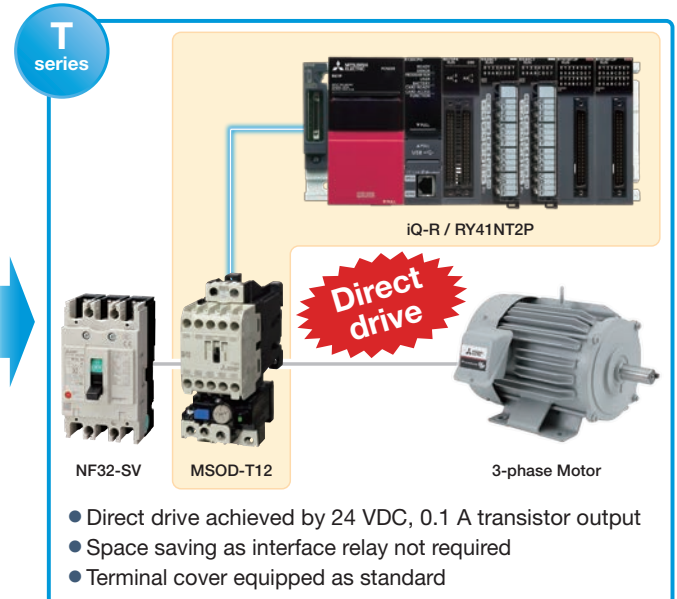
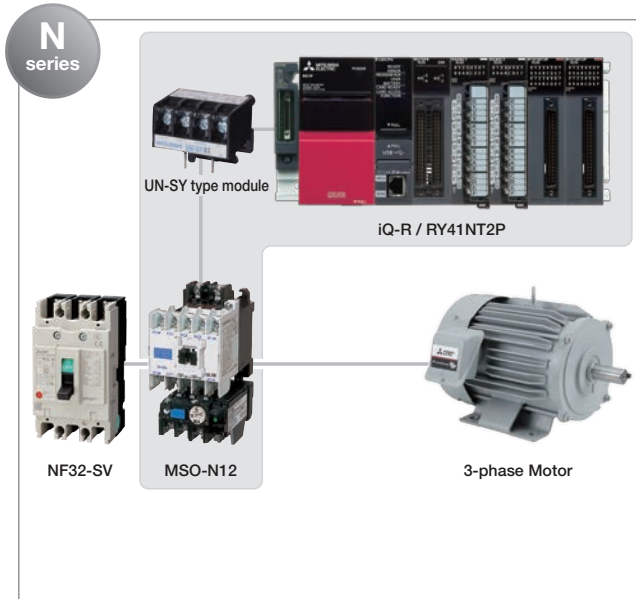
Reduction of Devices Thanks to Direct Drive Technology with Programmable Controller

Significant coil power consumption saving by high-efficiency polarized electromagnet and direct drive by 24 VDC, 0.1 A rated transistor output (24 VDC coil)

■ Models supported for direct drive by transistor output

SD-T type	
SD-T12(2.7 kW)	SD-T21(4k W)
SD-T20(3.7 kW)	SD-T32(7.5 kW)
SD-Q type	
SD-Q11(2.5 kW)	SD-Q12(2.5 kW)

* Capacities shown in () are AC-3 ratings of 200 VAC class.



Kani Factory, Mitsubishi Electric Corporation Nagoya Works

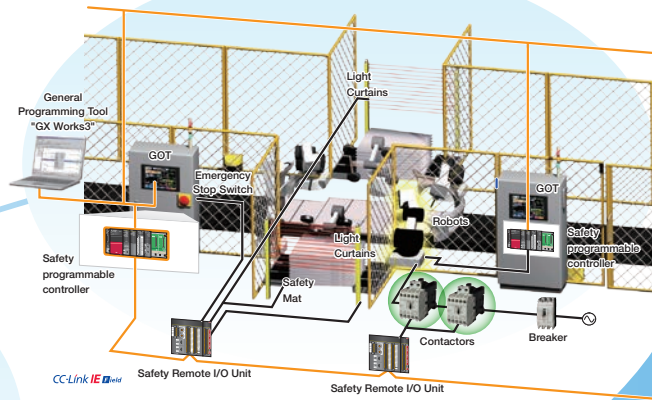
Small-lot and multi-cycle production by robot assembly cell

The small-lot production of multi-product has been common for all industries to pursue. However, the mass production of multi-product is sometimes required depending on the products to be manufactured. Our Kani factory has added the robot-using production method besides that of the existing cell-using production for the launch of our product "MS-T series". The small-lot/multi-cycle production required for our magnetic starter has been achieved with the both cell-using flexible production and robot-using mass production.

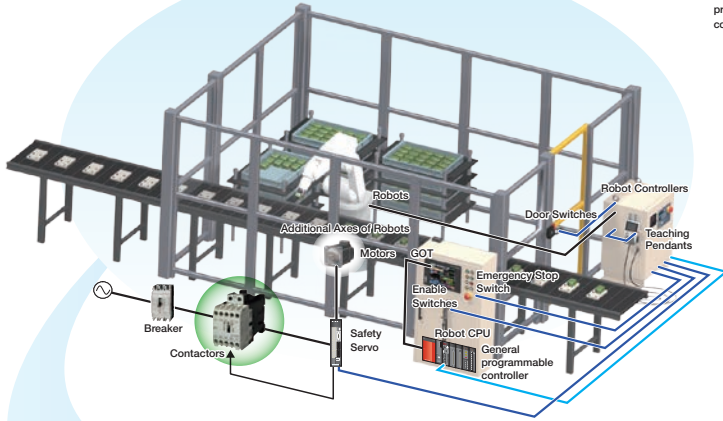


As the peripheral device for the magnetic starter, we provide the control and drive equipment required for building the system and can propose the risk-free solution with them.

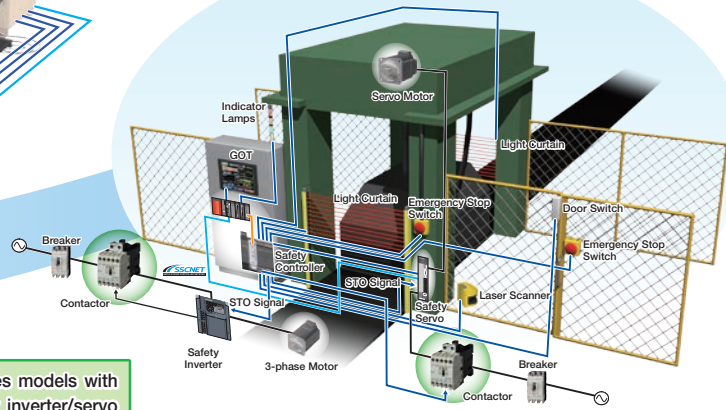
Automobile Manufacturing Solutions



Assembly/Transport Solutions



Press Machining Solutions



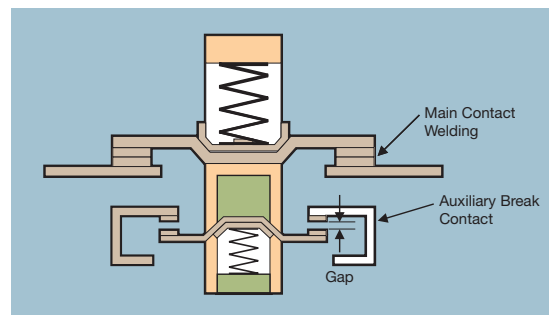
Mirror Contacts (With Safety Separation Function)



It is best to employ S-T series/S-N series/SD-Q series models with mirror contacts (safety separation function) in safety inverter/servo circuits for the shutting down of power in the event of an abnormality. With this application, compliance with safety categories 3 and 4 is achieved.

Contactors with Mirror Contacts <Auxiliary Break Contact OFF During Main Contact Welding>

- Compliant with TÜV regulations for mirror contacts. Complies with requirements for "control functionality during failures" stipulated in the section "Electrical Devices of Industrial Equipment" in EN regulation EN60204-1 and can be used as an interlocking circuit contact. (Refer to the catalog of Mitsubishi Electric magnetic contactors and magnetic starter for the certified models.)
- Can be applied to mechanical safety category 4 circuits. (Can detect malfunction of break contacts)
- Features safety contactors and can be used to construct a completely safe system using a wide assortment of safe parts.



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