



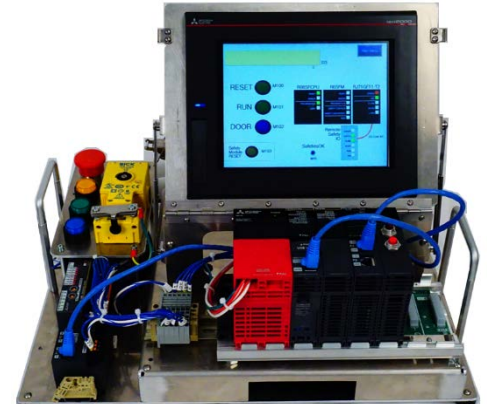
for a greener tomorrow



Mitsubishi Electric's iQ-R PLC SAFETY SIMULATOR

Equipment Description

iQ-R PLC SAFETY SIMULATOR



The iQ-R Integrated Safety solution delivers functionally safe machines in one platform over one network using one software package. It features an iQ-R controller with additional safety features that comply with EN ISO 13849-1 Category 4/PL e and IEC 61508 SIL 3 international safety standards. It also uses the standard iQ-R Series base units, power supplies, communication, and special function modules.

Uses

Designed for the classroom environment, this unit easily sits on a desktop. Utilizing Melsoft GX Works3 software, students can learn to program the PLC with added safety modules. Taking it a step further, students can use the Melsoft GT Works3 software to design and implement customer-centric screens on the Mitsubishi Graphic Operator Terminal (GOT).

Features

- R08SFCPU Safety CPU with 40k programming steps dedicated for safety logic
- N22GFSS2-32D Safety Input Module - Negative common Single wiring: 32 points Double wiring: 16 points w/spring clamp terminal block
- N22GFSS2-8TE Safety Output Module - Transistor output Single wiring: 8 points Double wiring: 4 points w/spring clamp terminal block
- Provides the functionality of both a Safety PLC and Sequence PLC (*Does not support multiple CPUs*)
- Requires the use of the R6SFM Safety Function Module
- Uses standard iQ-R Base Rack and Power Supply
- GT2708 8.4" HMI Display with USB 2.0, RS-232, RS-422/485, SDHC
- Includes all necessary programming cables
- Backwards compatible with supporting iQ Modules (*requires the use of RQ Extension Base*)
- Includes an E-Stop, door interlock switch, and three momentary push buttons
- MEAU offers the Safety Systems iQ-R (TRPLC306P) instructor-led training class which includes Safety programming, Safety I/O configuration, CC Link IE Field network configuration and Safety function block import and usage.

MITSUBISHI ELECTRIC AUTOMATION, INC.

500 Corporate Woods Parkway, Vernon Hills, IL 60061
Ph 847.478.2500 • Email: CNCtraining@meau.com

us.MitsubishiElectric.com/fa/en

February, 2019 • ©2019, Mitsubishi Electric Automation, Inc. •
Specifications subject to change without notice. • All rights reserved