Training Workstation Description
Safety Components Workstation

Catalog Number
ABT-TDSAFCOMP

Workstation Functionality
You can use this workstation to manually configure safety relays and input devices in a relay-based safety system. You can actuate the input devices to see how the safety relays monitor and control machine systems. Using the single wire safety feature between relays you can configure interdependent devices and zoning options. The workstation includes switches that are hard-wired to simulate wiring and device faults for use in troubleshooting the safety system.

The workstation offers expansion capabilities by providing a connection for a safety drive’s STO inputs (drive and custom cable not included).

Training Purpose
This workstation is intended for customers who want to practice configuring, maintaining and troubleshooting safety relays and devices in a relay-based safety system.

Related Products
The workstation can be used in conjunction with the following products:
- Safety Relays and Devices Maintenance and Troubleshooting Lab Book (Catalog Number: ABT-SAF-COM101-TLB)

Major Components
- Guardmaster® SI safety relay with 1 dual channel input
- 2 - Guardmaster DI safety relays with 2 dual channel inputs
- Guardmaster EMD safety relay expansion module with time delay
- Safety wired 4-port distribution box
- 4 - safety wired shorting plugs
- GuardShield™ safety light curtain
- Guardmaster safety sensor
- MatGuard™ safety mat
- Guardmaster grip enabling switch
- Guardmaster guard locking switch
- Guardmaster safety limit switch
- Cadet™ tongue interlock switch
- 3 SensaGuard™ non-contact safety switches
- Allen-Bradley® E-Stop pushbutton
- Allen-Bradley power supply
- Stackable banana jacks
- Patchcord connectors

Dimensions
- Width: 24.5 in (62 cm)
- Height: 20.5 in (52 cm)
- Depth: 13 in (33 cm)
- Weight:
  - Without shipping case 65 lbs (30 kg)
  - With case 111 lbs (51 kg)

Estimated Lead Time
7 weeks. Some items are available for immediate shipment. Please call for availability.

220-240V Plug Options
See the available document on Literature Library for 220-240V Plug Options for Workstations used in EMEA/AP (GMST10-PPS24).