

	Description	Models	Product Information
Interface Modules and Controllers	 - Interface modules provide two or three normally open force-guided relay outputs rated at 6 A (-9 A) or 7 A (-11 A) - EZ-SCREEN monitors these interface modules when they are connected to the EZ-SCREEN External Device Monitoring (EDM) inputs - Convenient plug-in terminal blocks on a 22.5 mm DIN-rail mountable housing are included	IM-T-9A (3 NO) IM-T-11A (2 NO/1 NC)	Page 698
	 - Control system monitors a variety of input devices such as e-stop buttons, rope pulls, enabling devices, protective safety stops, interlocked guards or gates, optical sensors, two-hand controls and safety mats - Intuitive programming environment for easy implementation - Configure inputs, outputs and functionality of the controller for more usability - Base controller allows eight of the 26 inputs to be configured as outputs for efficient terminal utilization - Ethernet models available providing up to 64 virtual status outputs, fault diagnostic codes and messages	SC26-2, XS26-2 SC26-2D, XS26-2D SC26-2E, XS26-2E SC26-2DE, XS26-2DE	Page 582
	 - One controller provides configurable monitoring of multiple safety devices 22 input terminals can monitor both contact-based and PNP solid-state input devices 3 pairs of independent solid-state safety outputs can be used with selectable one- or two-channel external device monitoring - Ten configurable non-safety status outputs track inputs, outputs, lockout, I/O status and other functions - All SC22-3 modules use 24 V dc 10/100 Base TX Ethernet communication option using EtherNet/IP and Modbus TCP protocols (SC22-3E models)	SC22-3-S... SC22-3-C... SC22-3E-S... SC22-3E-C...	Page 592
	 - The Muting Module temporarily inhibits a safety light screen so materials can safely pass through the screen without stopping the machinery - The module uses redundant microcontroller-based logic - MMD Modules can be used as dual controllers when muting function is not used	MMD-TA-12B MMD-TA-11B	Page 710
Receiver AC Interface Boxes	 - Versatile power supplies allow EZ-SCREEN systems to connect to AC power sources - Models are available to accommodate receivers only, emitters only or both - Receiver models include 8 amp safety relay output	EZAC-R9-QE8 EZAC-R11-QE8 EZAC-R15A-QE8-QS83 EZAC-R8N-QE8-QS53 EZAC-R10N-QE8-QS53	Page 821
Emitter AC Interface Boxes	 - Versatile power supplies allow EZ-SCREEN systems to connect to AC power sources - Models are available to accommodate emitters only - Receiver models include 8 amp safety relay output	EZAC-E-QE8 EZAC-E-QE5 EZAC-E-QE8-QS3 EZAC-E-QE5-QS5	Page 821
Contactors	 - Pairs of contactors create safety stop circuits with two normally open contacts in series - EZ-SCREEN can monitor the circuit because of the contacts' force-guided mechanically linked design - Contactors add 10 or 18 amp current carrying capability to any safety system - Auxiliary contacts add 3 or 4 normally open contacts - Suppressors extend the life of an actuating device that uses a contactor. - Modular design simplifies assembly and installation	Mechanically Linked Contactors 11-BG00-31-D-024 BF1801L-024 Aux. Contacts 11-BGX10-40 11-G484-30 Suppressors 11-BGX77-048 11-G318-48	Page 822

AC Emitter/Receiver Interface Boxes

- Provides AC power for up to three receivers or two cascaded emitter/receiver pairs, with external device monitoring (EDM) available
- Supplies +24V dc power at 0.7 amps (16.8 W max. power) and accepts input voltages from 100-250V ac (50-60 Hz)



Safety Outputs	EDM	Emitter/Receiver Connection	AC Power Connection	Output and EDM Connections	Model	Used with
3 NO	Selectable 1- or 2-Channel or no EDM	8-Pin M12/Euro QD	Hard-wired	Hard-wired	EZAC-R9-QE8	EZ-SCREEN
2 NO & 1 NC			Hard-wired	Hard-wired	EZAC-R11-QE8	
1 NO & 1 SPDT	1-Channel	8-Pin M12/Euro QD	3-Pin Mini QD	8-Pin Mini QD	EZAC-R15A-QE8-QS83	EZ-SCREEN
1 NO & 1 NC	Power Monitoring	8-Pin M12/Euro QD	3-Pin Mini QD	5-Pin Mini QD	EZAC-R8N-QE8-QS53	EZ-SCREEN
2 NO			3-Pin Mini QD	5-Pin Mini QD	EZAC-R10N-QE8-QS53	

AC Emitter Interface Boxes

- Provides AC power for up to four emitters, with external device monitoring (EDM) available
- Supplies +24V dc power at 0.7 amps (16.8 W max. power) and accepts input voltages from 100-250V ac (50-60 Hz)



Emitter Connection	AC Power Connection	Model	Used with
8-Pin M12/Euro QD	Hard-wired	EZAC-E-QE8	• EZ-SCREEN SLSE...Q8 (without Test input) • EZ-SCREEN SLPE..
5-Pin M12/Euro QD	Hard-wired	EZAC-E-QE5	• EZ-SCREEN SLSE...Q5 (with Test input)
8-Pin M12/Euro QD	3-Pin Mini QD	EZAC-E-QE8-QS3	• EZ-SCREEN SLSE...Q8 (without Test input) • EZ-SCREEN SLPE..
5-Pin M12/Euro QD	5-Pin Mini QD	EZAC-E-QE5-QS5	• EZ-SCREEN SLSE...Q5 (with Test input)

NC = Normally Closed, NO = Normally Open

AC Interface Box Specifications

Important Notice:

European Community Machinery Directive 2006/42/EC

The EZ-SCREEN EZAC- Interface Boxes comply with Machinery Directive 98/37/EC, but not with Machinery Directive 2006/42/EC. Therefore, these Interface Boxes can only be installed as a replacement component within the European Union (EU). For more information, please see www.bannerengineering.com/144763 or call 1-888-373-6767.