



SC-SC22-3

▶ SC22 SERIES SAFETY CONTROLLERS



Safety Controller: 22 Inputs; 3 pairs of PNP Safety Outputs (0.75 Amp each);

10 Status Outputs (1 amp total)

Kit includes: Replacement SC22-3 only (no terminals or XM card)

Part Number: 79715

CERTIFICATIONS



SPECIFICATIONS

Device Type	Safety Controller
Safety Module Type	Base Controller
LCD Display	Yes
Expandable	No
Dimension (H x W x D in mm)	112 x 131 x 64
Relative Humidity	90% @ 50° C
Max Operating Temperature (°C)	55
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Input Operation	Simultaneous or Concurrent

Number of Safe Inputs	22
Input Configuration	Configurable
Number of Convertible Inputs	22
Safety Input - Dual Channel (Dry Contact)	8-50 mA @ 24 V dc
Safety Input - Dual Channel (Solid-State)	50 mA @ 15 - 30 V dc
Safety Input - Reset	8-50 mA @ 24 V dc
Independently Controlled Safe Outputs	3
Output Configuration	3 OSSD Pairs
Non Safe Output Configuration	10 PNP
Non Safe Output Rating	0.5 A @ 24 V dc (individual); 1.0 A @ 24 V dc (total of all outputs)
Safe Output Rating	OSSD 0.75 A max. @ 24 V dc
Splittable Safe Output	No
Power Consumption	0.4 A (controller only); 5.9 A (full load)
Response Time (ms)	See Software Configuration Summary
Supply Voltage	24 V dc +/- 20%
Terminal Type	None
Removable Terminals	Yes
Vibration	9-150 Hz at 1g occasional/0.5g continuous
IP Rating	IP20
PL Rating	e
Safety Category Rating	4
SIL Rating	3
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THC Rating	IIIC
Safety Input - Single Channel	8-50 mA @ 24 V dc
Input Resistance	150 Ω max. per lead
E-Stops/Rope Pulls	Yes
Safety Mat	Yes
Motor Speed	No
Two-Hand Controls	Yes
Muting	Yes
Gate Switch (NC/NC) Input	Yes
Gate Switch (NC/NO) Input	Yes
Gate Switch (OSSD) Input	Yes
Light Curtains/Scanner with EDM Input	Yes
Light Curtains/Scanner without EDM Input	Yes
EtherNet/IP	No
Common Ethernet Protocol	No
Modbus/TCP	No
PCCC	No
PROFINET	No
Cascade with ISD	No
Recovery Time	400 (max)

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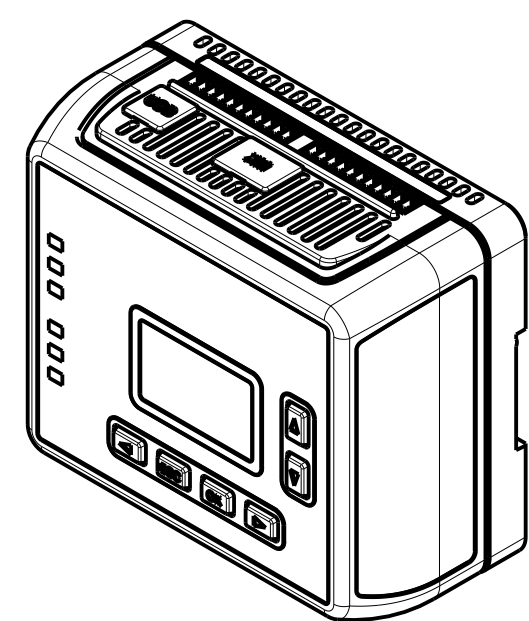
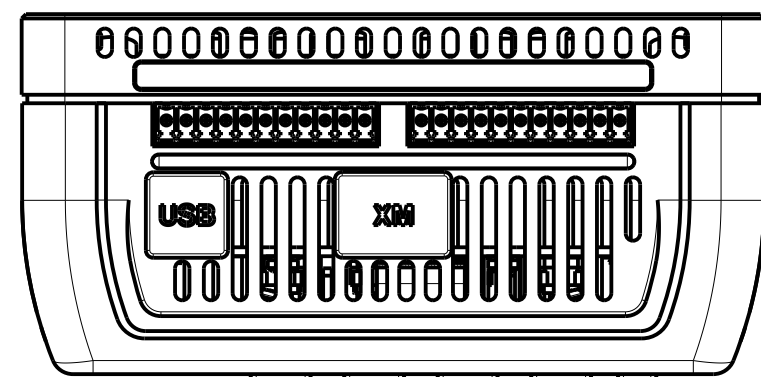
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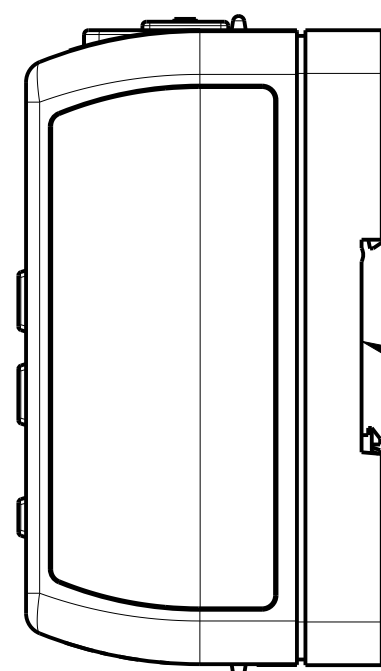
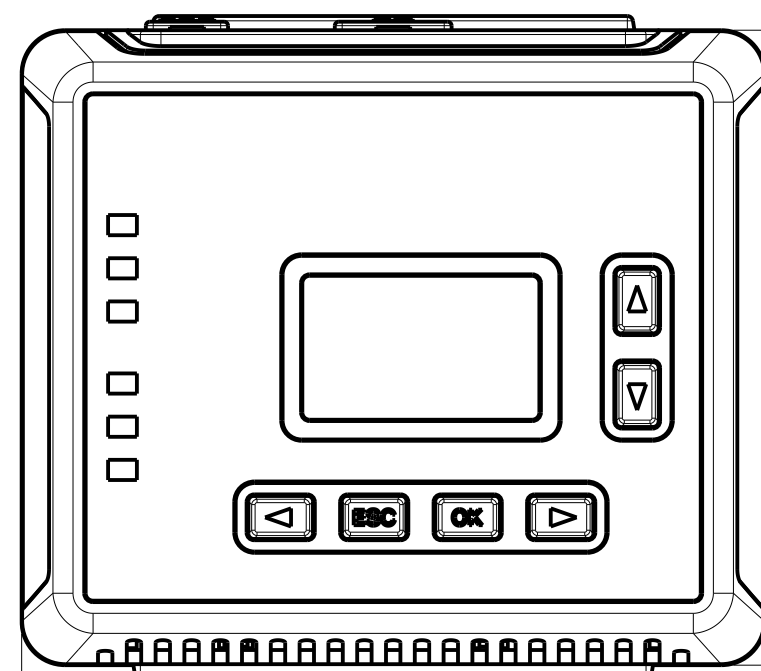
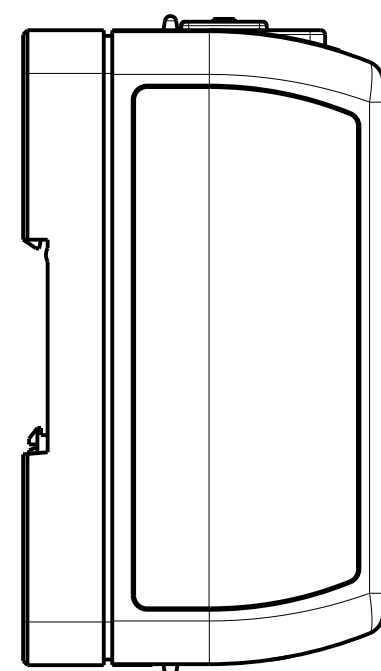
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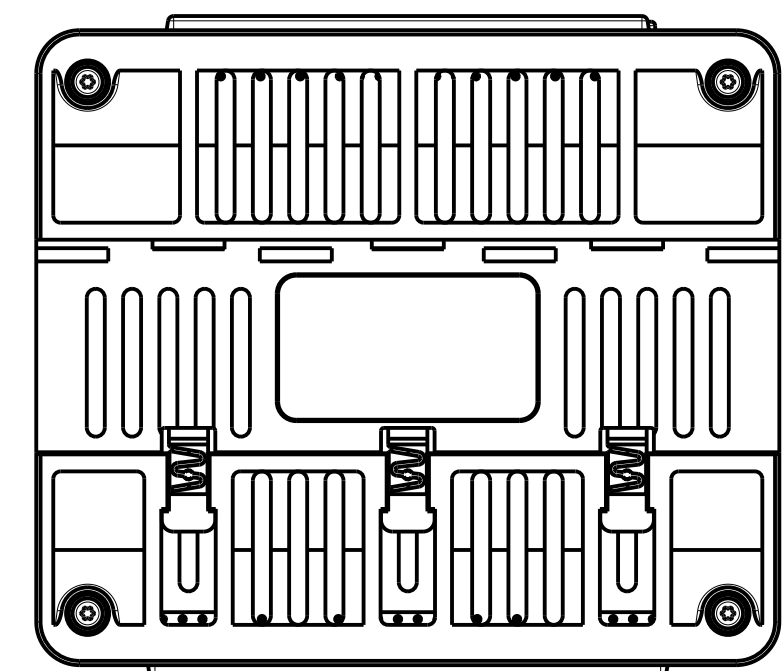


ISOMETRIC VIEW
SCALE 1:2

C

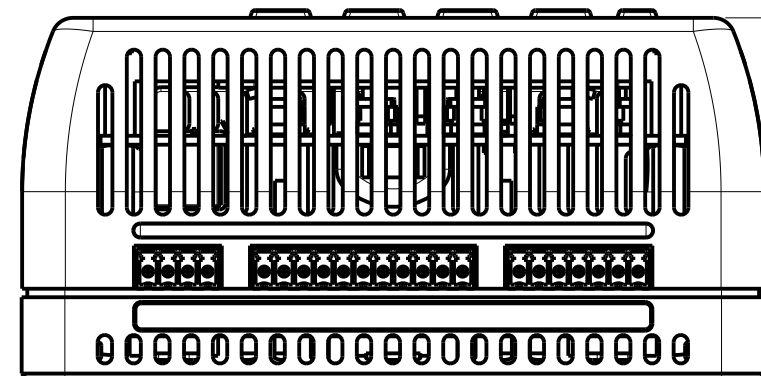


CHANNEL FOR
35 MM DIN RAIL



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NOTES:
1. ALL DIMENSIONS ARE MILLIMETERS [INCHES] UNLESS OTHERWISE NOTED.
2. REFER TO "www.bannerengineering.com" FOR ADDITIONAL DATA AND SPECIFICATIONS.

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THIRD ANGLE PROJECTION

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TITLE		SC-SC22-3	
SIZE C	DRAWING NO. 193434	REV. A	
SCALE 3:4		SHEET 1 OF 1	

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