

1	2	3	4	5	6	7	8	9	10	11	12
1 DOUT +	2 DOUT -	3 RTD1 P	4 RTD1 N	5 RTD2 P	6 RTD2 N	7 CAN H	8 CAN L	9 RS-485 TX/RX P	10 RS-485 TX/RX N	11 RS-485 GND	12 NC

signal pinout label

1	2	3	4
1 CONTACTOR L	2 CONTACTOR N	3 N	4 L

1	2	3	4	5	6	7	8
1 TX P	2 TX N	3 RX P	4 RX N	5 TX P	6 TX N	7 RX P	8 RX N

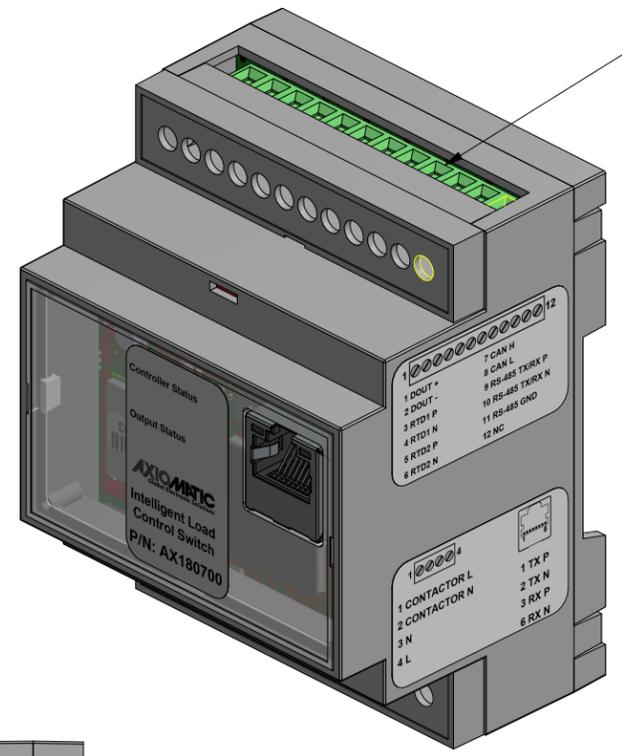
power/ethernet label

Controller Status
Output Status

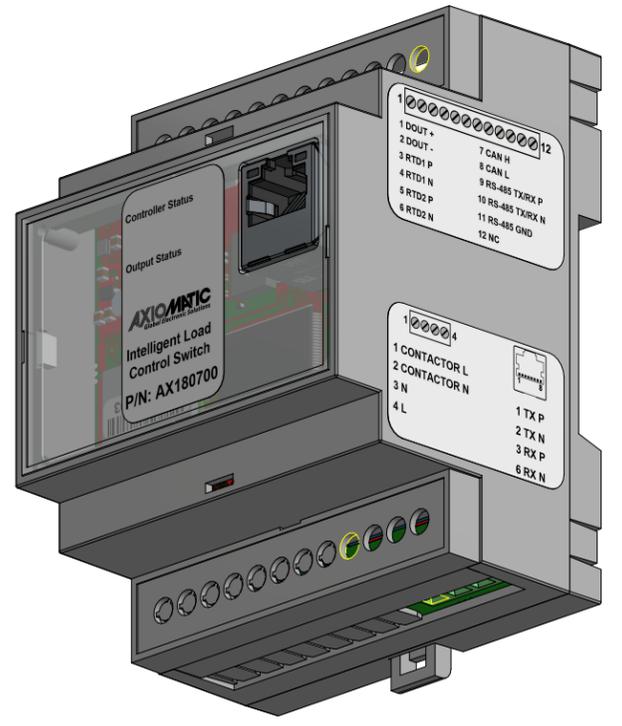
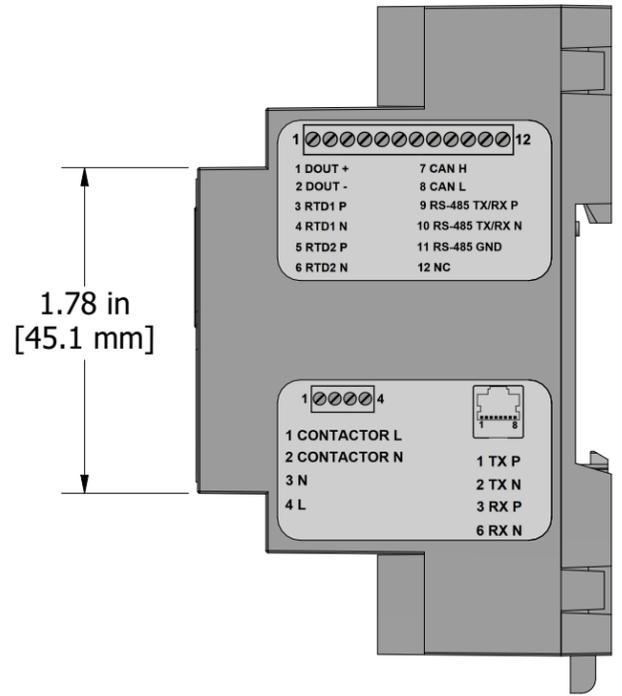
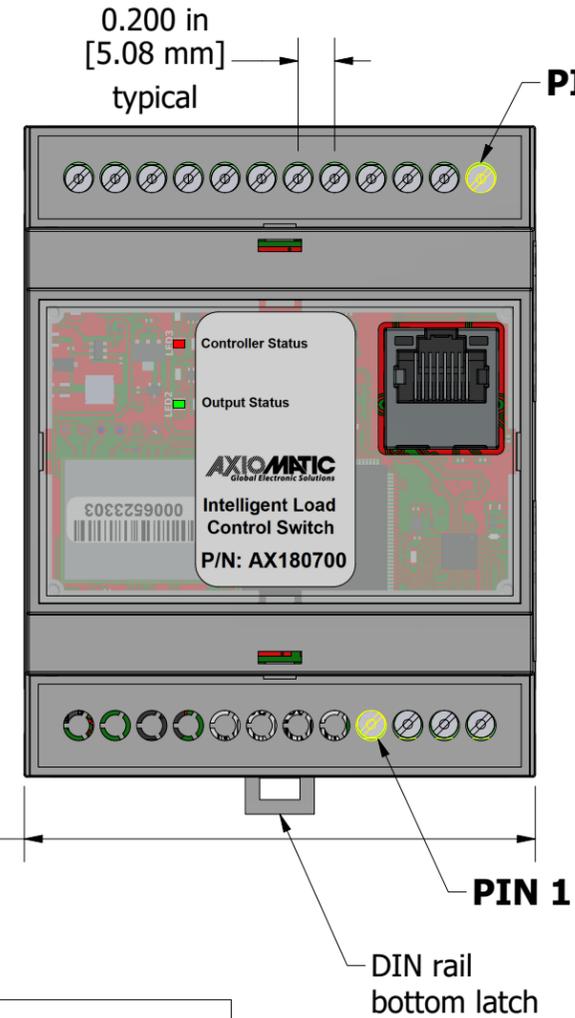
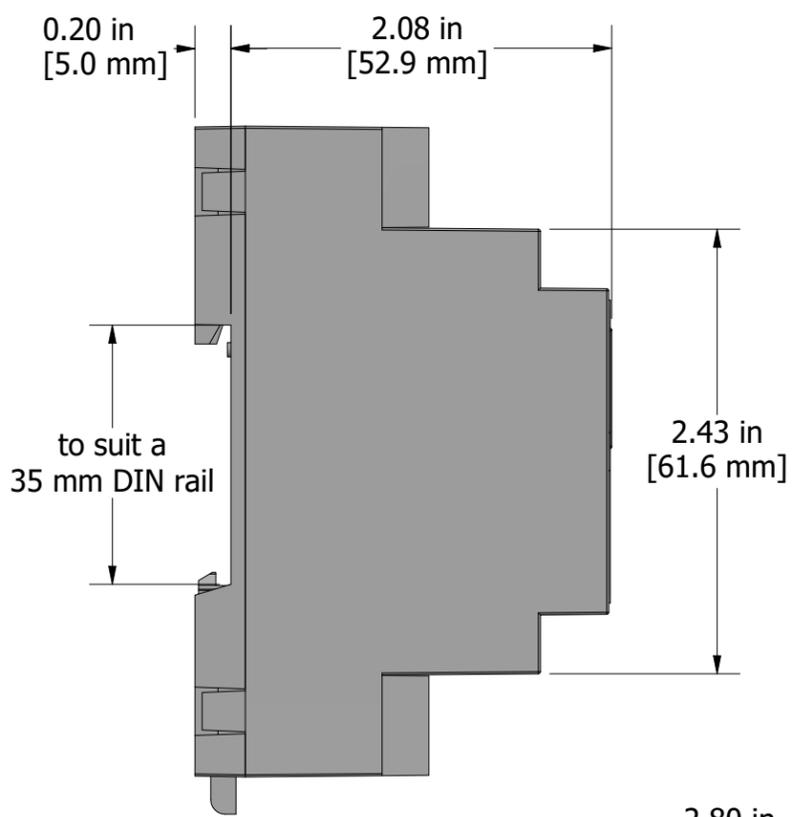
AXIOMATIC
Global Electronic Solutions

Intelligent Load Control Switch
P/N: AX180700

unit label



Phoenix Contact terminal blocks suits **16-26 awg** strip length **6 mm** tightening torque **0.5 to 0.6 Nm** [4.4 to 5.3 in lb]



REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
R1-D1	initial release	November 23-2023	TM/AK
R2-D1	PCB updates	October 4-2023	TM/AK

DIMENSIONS ARE IN inches [mm]		
Unless otherwise noted, tolerances as stated.		
TOLERANCES	FABRICATION	MACHINING/CASTING/MOLDING
X.XXX" [X.XX mm]	± 0.015" [0.38 mm]	± 0.005" [0.13 mm]
X.XX" [X.X mm]	± 0.03" [0.7 mm]	± 0.008" [0.2 mm]
X.X" in [X mm]	± 0.06" [1.5 mm]	± 0.03" [0.7 mm]
	ANGLES ± 1.0	ANGLES ± 0.5
		others ISO 2768-2 class K

MATERIAL	NA	DRAWN	TF	DATE	2022-11-23
FINISH	NA	CHECKED		DATE	
THIRD ANGLE PROJECTION		TOOL		DATE	
		INVENTOR		DATE	
		SIZE	B	APPROVED	

AXIOMATIC Global Electronic Solutions		AXIOMATIC TECHNOLOGIES CORPORATION 1445 Courtney Park Drive MISSISSAUGA, ON CANADA L5T 2E3 905-602-9270	
TITLE Dual RTD, Dual Output to Ethernet/WiFi			
DWG REV	DWG NO	PART NO	PART REV
D1	AX180700-MD	AX180700	2
SCALE			SHEET
1			1 of 1