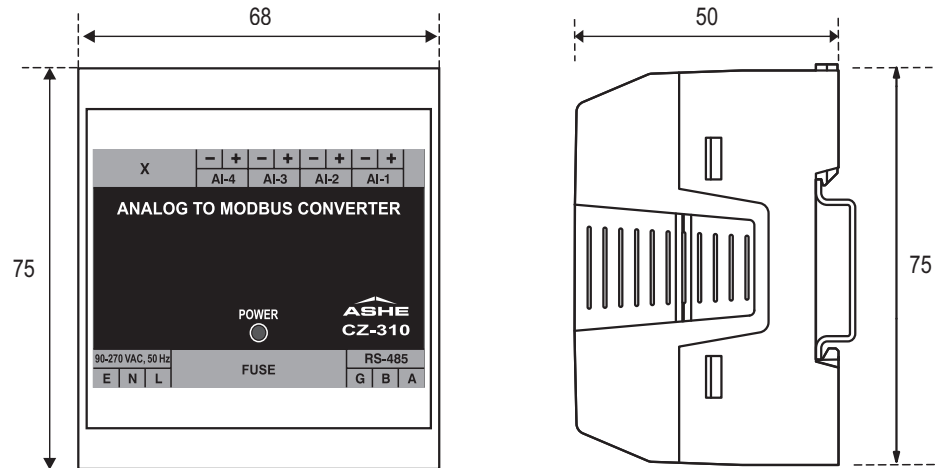


DIMENSIONAL DIAGRAM



TECHNICAL SPECIFICATIONS

Model	ASHE CZ-310
Type	Microcontroller based Analog signal to RS485 Modbus Converter.
Input Signals	4 to 20 mA (or to be specified)
No. of Channels	4 Channels
Modbus Output Protocol	Modbus RTU or Modbus TCP/IP (to be pre-specified)
Input Impedance (for mA)	47 Ohm. for each input
Isolation Input to RS-485	Optical 1500 V AC for 1 minute.
Thermal Drift	± 0.01% / °C.
Baud Rate	19200 bps.
Maximum Distance	1.2 km.
Memory	Non-Volatile (on EEPROM).
Power Supply	90 to 270 V AC, 50/60Hz.
Dimensions	68x75x50 mm. [H x W x D]
Execution	DIN Rail mounting
Enclosure	Industrial grade ABS
Weight	Approximately 0.5 kgs.
Operating temperature	0 to 55°C.

TERMINAL DIAGRAM

UPPER TERMINAL BLOCK

1	2	3	4	5	6	7	8	9	10	11
X	X	X	-	+	-	+	-	+	-	+
NO CONNECTION			AI-4		AI-3		AI-2		AI-1	

LOWER TERMINAL BLOCK

12	13	14	15	16	17	18	19	20	21	22
E	N	L	FUSE					G	B	A
AC POWER SUPPLY								RS-485		

TERMINAL DESCRIPTION

TERMINAL BLOCKS	TERMINAL NO.	NATATION	DETAILS
UPPER TERMINAL BLOCK	1	X	NO CONNECTION
	2	X	
	3	X	
	4	-	AI-4 (4-20mA DC)
	5	+	AI-3 (4-20mA DC)
	6	-	
	7	+	AI-2 (4-20mA DC)
	8	-	
	9	+	AI-1 (4-20mA DC)
	10	-	
	11	+	
LOWER TERMINAL BLOCK	12	E	90-270 VAC, 50Hz/60Hz AC POWER SUPPLY
	13	N	
	14	L	
	15		FUSE
	16		
	17		
	18		
	19		
	20	G	RS-485
	21	B	
	22	A	

NOTES: All Dimensions In mm

Customer

PO. No.

Quantity

Tag Nos.

TITLE

PRODUCT

MODEL

DATE

TERMINAL AND DIMENSIONAL DRAWING

MICROCONTROLLER BASED ANALOG SIGNAL

ASHE CZ-310

21-11-21

DOC NO. : ACPL/GA/CZ-310

SHEET : 1 of 1