ELGO (Disaggregated) - Smart Power Distribution Unit
Product Code/Part Code: EAM-T948X-IB3JEVX

Specification Sheet:

Input

•	Voltage:	3Φ, 415-440VAC
•	Frequency:	50 Hz / 60Hz
•	Input Plug:	3Φ, 63Amps, IEC 60309 (3P+N+E), 440VAC
•	Cord Length:	1.5 meter
•	Input Current:	48A(NA) / 63A(EU)

Output

•	Voltage:	230-250VAC
•	Frequency:	50Hz / 60Hz
•	Receptacles Configuration:	ELGO Connector (Receptacles): 48 Nos (C13/C19/C15/C21 as required)
•	Current Operating range:	48A(NA) / 63A(EU) Per Phase

Features

- Aggregate Current Monitoring: Monitors the aggregate / Total current flowing through the device.
- Monitors and Tracks Aggregate power consumption.
- Conforms to CLASS 1 metering accuracy.
- Strip/PDU Level Metering of electrical parameters: Voltage (V), Current (I), Energy (kWh) Power (kVA, kW), Power factor (cos Φ).
- Threshold settings for input current with warning LED on the front panel and Buzzer alarm.
- 1.77" TFT Color LCD to display electrical parameters and PDU information
- Networking: Dual Ethernet Ports –10/100Mbps and 10/100/1000Mbps
- Provision to connect Elcom Make Temperature-Humidity Sensors.
- Hot Swappable Controller.
- Alternate Phase Receptacles feature provided.
- Firmware upgrade and log export can be performed through Web Browser
- Swap the Connectors as per desired configuration on-site without the need for downtime for dismantling and reassembling the PDUs.
- Users can change the ELGO connectors (US Patent - 11211756) to make any combinations of C13 and C19 or even upgrade the ELGO connector to C15 (Hot) and C21 (Very Hot) types.
- Total No. of Plug & Play ELGO Connector: 48 Nos
- E-lock provision for Power cord locking.
- Top feed cable entry.
- ELGO connector Protection: Twenty-Four (24) X 20A, 100 KAIC, CHCC type fuse holder with fuse link. One fuse is provided per pair of ELGO Connectors (in the same phase).

User Interface:

- Integrates with any DCIM System through SNMP or MODBUS (RTU/ TCP)

Interface and Protocol Support
- HTTP, HTTP(s)
- SNMP v1, v2c, v3
- MODBUS RTU & MODBUS TCP
- FTP
- DHCP
- IPV4, IPV6 Support
- Telnet (CLI)
- NTP
- SMTP
- Syslog
- LDAP
- RADIUS
- TACACS+
- TLS 1.2 and above

Mechanical
- Dimensions (L x W x H): 2090mm x 75mm x 85mm
- Weight: Approx.8.5 Kg
- Mounting: 1940mm
- Display/control panel: 1.77" TFT Color Display
- Color: RAL 9005
- Finish: Fine Texture

Environmental Requirements
- Operating temperature: 0 – 45°C (Extended up to 60°C)
- Humidity: 0 – 95 % RH non-condensing

Conformance
   Approvals
- cULus
- CE
   Environmental Compliance
- RoHS

***The IPDU is designed for a total load current of 48A(NA)/63A(EU) and receptacle-level protection is provided in the form of fuses. However, in the event of a fault occurring before the fuses and upstream of the iPDU, the customer must ensure that appropriate protection is installed.
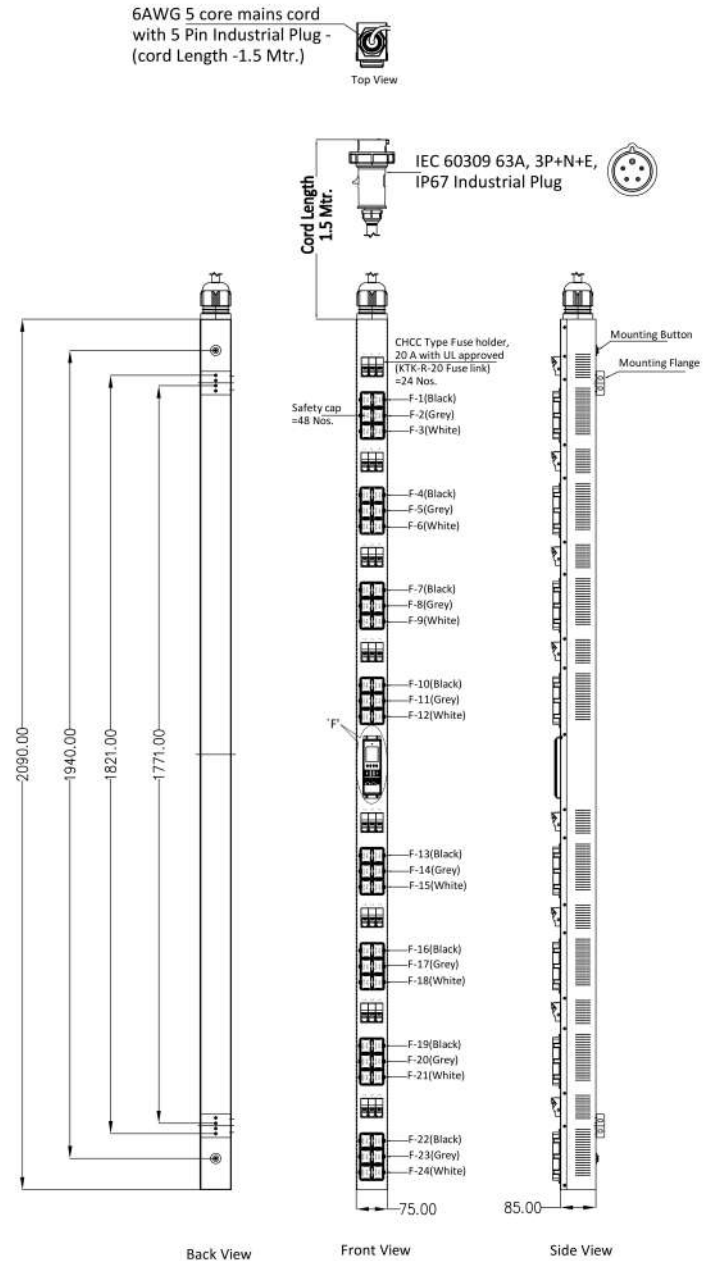
Disclaimer:
All design data is subject to modifications required during final production.
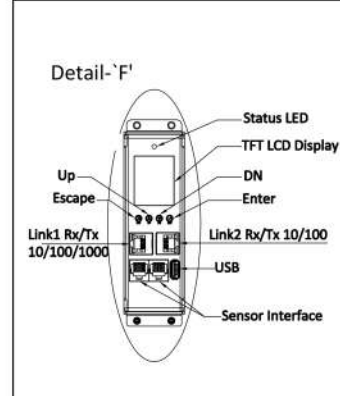
Product Drawing

PRODUCT CODE:-	EAM-T948X-IB3JEVX	CATEGORY:-	SMART RACK-PDU

BASIC DIMENSIONS

6AWG 5 core mains cord with 5 Pin Industrial Plug - (cord Length -1.5 Mtr.)
Top View

Cord Length 1.5 Mtr.

IEC 60309 63A, 3P+N+E, IP67 Industrial Plug

Extraction Tool

CHCC Type Fuse holder, 20 A with UL approved (KTK-R-20 Fuse link) =24 Nos.

Safety cap =48 Nos.

- F-1(Black)
- F-2(Grey)
- F-3(White)
- F-4(Black)
- F-5(Grey)
- F-6(White)
- F-7(Black)
- F-8(Grey)
- F-9(White)
- F-10(Black)
- F-11(Grey)
- F-12(White)
- F-13(Black)
- F-14(Grey)
- F-15(White)
- F-16(Black)
- F-17(Grey)
- F-18(White)
- F-19(Black)
- F-20(Grey)
- F-21(White)
- F-22(Black)
- F-23(Grey)
- F-24(White)

Mounting Button
Mounting Flange

Note : The Standard PDU does not include eLgo connectors. Instead, it is provided with a Safety Cap for protection.
The Safety Cap has to be removed before installing the eLgo connectors.

IEC C13 Receptacle 10A Max
IEC C15 Receptacle 10A Max
IEC C21 Receptacle 16A Max
IEC C19 Receptacle 16A Max

Available eLgo Connectors(Receptacles)

'F'

2090.00
1940.00
1821.00
1771.00

75.00
85.00

Back View
Front View
Side View

Detail-'F'

- Status LED
- TFT LCD Display
- Up
- DN
- Escape
- Enter
- Link1 Rx/Tx 10/100/1000
- Link2 Rx/Tx 10/100
- USB
- Sensor Interface

Note:-
Color of eLgo connectors(Receptacles) for phase identification
Black :-L-1
Grey :-L-2
White :-L-3

				APP	19.03.24	DPP		
				CHK	19.03.24	SSY		
D1	Power cord-6AWG	Power cord-4AWG	10.08.24	AKT	DPP	DRN	19.03.24	SPP
REV	IS	WAS	DATE	SIGN	APP.	BY	DATE	SIGN

UNSP.TOLERANCE			DIMNS. IN mm	WT(Gm) Max.	SCALE:- NTS.	PROJECTION	SHEET	DRAWING NUMBER		REVISION
OVER	-	1	10							
UP TO	1	10	-	Moulding, plating details as per Bill of Material Unspecified colour is Black, GF:Glass filled.			1 OF 1	- - - - - - -		D1
±	0.2	0.3	0.5							

ELCOM
Elcom International Pvt. Ltd.
www.elcom-in.com
Plot E-4, Kagal Five Star MIDC, Kagal, Kolhapur, MH - 416236, India

F:ENG-08.00
Note: Technical specifications are subject to change without prior notice