

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 15, 2026

EATON

Eaton PC5585-CF1/LT Enclosure Power Distribution Unit

The Eaton PC5585-CF1/LT is an enclosure power distribution unit (PDU) designed to efficiently distribute power within an enclosure or cabinet. It provides reliable power distribution for critical equipment, ensuring optimal performance and uptime. Ideal for data centers, server rooms, and other high-density environments.



MODEL

Eaton PC5585-CF1/LT

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

PC5585-CF1/LT

LISTING

<https://aumictechlabs.com/products/pc5585-cf1-lt-3/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Eaton PC5585-CF1/LT is a 2U rack-mountable enclosure power distribution unit (ePDU) engineered to deliver reliable, controlled power distribution across high-density IT environments. The LT variant incorporates remote operation capability, enabling power sequencing and emergency shutdown functions via 3-pin connectors - essential for coordinated multi-unit deployments and automated facility management in data centers and enterprise server rooms. Technical Specifications Form Factor: 2U Rack-mountable, Horizontal orientation Input Voltage: 110–125 V or 208–240 V AC Input Current: 24 A Input Frequency: 50–60 Hz, Single-phase Output Voltage: 208–230 V AC Maximum Load Capacity: 4900 W (5.76 kW max) Output Connectors: 14 × IEC 60320 C13 receptacles Circuit Protection: 3-pole 20/20/30 A breaker Operating Temperature

Range: 0°C to 60°C (32°F to 140°F) Shipping Weight: 18 lbs Key Features Remote Operation Control: 3-pin connector supports on/off switching via maintained closure (pins 1–3) and Emergency Power Off (EPO) via contact between pins 2–3, independent of front-panel switch position. Sequenced Startup: Daisy-chainable design allows multiple LT-series units to activate sequentially, with 4-second delay after outlet group energization via the sequence port (pins 1–2). No Outlet-Level Control: This model delivers power distribution without individual outlet switching - all C13 outlets operate as a single switched group. Dual Voltage Input: Accepts 110–125 V or 208–240 V supplies, accommodating varied facility infrastructure. Typical Applications Ideal for deployments requiring synchronized power-up sequences across multiple PDUs, such as large server rack clusters, high-availability infrastructure with coordinated failover requirements, and facilities implementing automated emergency power-down protocols. Compatibility & Integration The PC5585-CF1/LT integrates with other Eaton LT-series units through standard 3-pin remote connectors. Eaton offers matching remote cables in various lengths to support distributed control topologies. Remote operation requires the on/off/remote switch positioned to REMOTE mode for pin-based activation.

PC5585CF1LT Characteristics / Specifications

PARAMETER	VALUE
Model	PC5585-CF1/LT
Family	Eaton PC5585-CF1 REPO ePDU
Instrument Type	enclosure power distribution unit
Rack Height	2U
Width	19.00 inch (482.6 mm)
Height	3.44 inch (87.4 mm)
Depth	12.00 inch (304.8 mm)
Chassis	black
Input Connector	3-point terminal block
Switched Outlets	12 IEC C13 switched on documented CF1-MTR drawing
Unswitched Outlets	2 IEC C13 unswitched on documented CF1-MTR drawing
Repo	remote EPO with local start
Section Delay	MTD 4-second power-up delay between each section (MTR drawing)
Ambient	32 F to 113 F (0 C to 45 C) on CF1-MTR drawing
Mtr Input	100-240 V W+N+PE 24 A 50/60 Hz on CF1-MTR drawing
Mtr Output	100-240 V, 12 A, 16 A max per section, 24 A total on CF1-MTR drawing
Mtr Main Breaker	30 A 2-pole listed on CF1-MTR drawing
Mtr Branch	four 20 A 2-pole listed on CF1-MTR drawing
Filter	EMI/RFI common and differential mode
Indicators	one green main; one green per section when powered
Manufacturer	Eaton
Literature	Eaton PC5585-CF1-MTR specification drawing; PC5585-CF1/LT remaining-queue identity
Form Factor	2U rack PDU
System Role	REPO enclosure power distribution
Brand Lineage	Eaton REPO

PARAMETER	VALUE
Queue Title	Eaton PC5585-CF1/LT Enclosure Power Distribution Unit
Pdu Type	switched REPO
Suffix	LT remaining-queue build of PC5585-CF1
Hardware Kit	panel-mount screws, cage nuts, remote connector kit listed on MTR drawing accessories
Taa Class	TAA-compliant listings on CF1-MTR catalog rows

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
environmental 32 to 113 F (0 to 45 C). Documented MTR electrical	input 100-240 V W+N+PE 24 A 50/60 Hz, output 100-240 V 12 A with 16 A max per section and 24 A total, main breaker 30 A 2-pole, four 20 A 2-pole branch breakers, EMI/RFI common- and differential-mode filter, green main and per-section indicators. LT amperes and breaker stuffing are on the PC5585-CF1/LT nameplate if they differ from the MTR drawing.
Model	PC5585-CF1/LT
Family	Eaton PC5585-CF1 REPO ePDU
Instrument Type	enclosure power distribution unit
Rack Height	2U
Width	19.00 inch (482.6 mm)
Height	3.44 inch (87.4 mm)
Depth	12.00 inch (304.8 mm)
Chassis	black
Input Connector	3-point terminal block
Switched Outlets	12 IEC C13 switched on documented CF1-MTR drawing
Unswitched Outlets	2 IEC C13 unswitched on documented CF1-MTR drawing
Repo	remote EPO with local start
Section Delay	MTD 4-second power-up delay between each section (MTR drawing)
Ambient	32 F to 113 F (0 C to 45 C) on CF1-MTR drawing
Mtr Input	100-240 V W+N+PE 24 A 50/60 Hz on CF1-MTR drawing
Mtr Output	100-240 V, 12 A, 16 A max per section, 24 A total on CF1-MTR drawing
Mtr Main Breaker	30 A 2-pole listed on CF1-MTR drawing
Mtr Branch	four 20 A 2-pole listed on CF1-MTR drawing
Filter	EMI/RFI common and differential mode
Indicators	one green main; one green per section when powered
Manufacturer	Eaton

PARAMETER	VALUE
Literature	Eaton PC5585-CF1-MTR specification drawing; PC5585-CF1/LT remaining-queue identity
Form Factor	2U rack PDU
System Role	REPO enclosure power distribution
Brand Lineage	Eaton REPO
Queue Title	Eaton PC5585-CF1/LT Enclosure Power Distribution Unit
Pdu Type	switched REPO
Suffix	LT remaining-queue build of PC5585-CF1
Hardware Kit	panel-mount screws, cage nuts, remote connector kit listed on MTR drawing accessories
Taa Class	TAA-compliant listings on CF1-MTR catalog rows Notes From Eaton PC5585-CF1-MTR specification drawing (2U 19 × 3.44 × 12 inch, 12+2 C13, 0 to 45 C, 100-240 V 24 A on MTR). LT is the remaining-queue suffix; if the LT nameplate differs from MTR amperes, use the LT plate.

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

environmental 32 to 113 F (0 to 45 C). Documented MTR electrical: input 100-240 V W+N+PE 24 A 50/60 Hz, output 100-240 V 12 A with 16 A max per section and 24 A total, main breaker 30 A 2-pole, four 20 A 2-pole branch breakers, EMI/RFI common- and differential-mode filter, green main and per-section indicators. LT amperes and breaker stuffing are on the PC5585-CF1/LT nameplate if they differ from the MTR drawing.

Applications

2U rack REPO power distribution with switched C13 outlets for enclosure and IT loads.

Key Features

PC5585-CF1 family 2U 19 x 3.44 x 12 inch

12 switched plus 2 unswitched IEC C13 on documented MTR

3-point terminal-block input, remote EPO

0 to 45 C, 50/60 Hz class

Eaton REPO ePDU line

Technical Specifications

Technical Specifications

PARAMETER	VALUE
Model	PC5585-CF1/LT
Family	Eaton PC5585-CF1 REPO ePDU
Instrument Type	enclosure power distribution unit
Rack Height	2U
Width	19.00 inch (482.6 mm)
Height	3.44 inch (87.4 mm)
Depth	12.00 inch (304.8 mm)
Chassis	black
Input Connector	3-point terminal block
Switched Outlets	12 IEC C13 switched on documented CF1-MTR drawing
Unswitched Outlets	2 IEC C13 unswitched on documented CF1-MTR drawing
Repo	remote EPO with local start

Section Delay: MTD 4-second power-up delay between each section (MTR drawing)

Specifications

PARAMETER	VALUE
Ambient	32 F to 113 F (0 C to 45 C) on CF1-MTR drawing
Mtr Input	100-240 V W+N+PE 24 A 50/60 Hz on CF1-MTR drawing
Mtr Output	100-240 V, 12 A, 16 A max per section, 24 A total on CF1-MTR drawing
Mtr Main Breaker	30 A 2-pole listed on CF1-MTR drawing

PARAMETER	VALUE
Mtr Branch	four 20 A 2-pole listed on CF1-MTR drawing
Filter	EMI/RFI common and differential mode
Indicators	one green main; one green per section when powered
Manufacturer	Eaton
Literature	Eaton PC5585-CF1-MTR specification drawing; PC5585-CF1/LT remaining-queue identity
Form Factor	2U rack PDU
System Role	REPO enclosure power distribution
Brand Lineage	Eaton REPO
Queue Title	Eaton PC5585-CF1/LT Enclosure Power Distribution Unit
Pdu Type	switched REPO
Suffix	LT remaining-queue build of PC5585-CF1
Hardware Kit	panel-mount screws, cage nuts, remote connector kit listed on MTR drawing accessories
Taa Class	TAA-compliant listings on CF1-MTR catalog rows

Notes

From Eaton PC5585-CF1-MTR specification drawing (2U 19 x 3.44 x 12 inch, 12+2 C13, 0 to 45 C, 100-240 V 24 A on MTR). LT is the remaining-queue suffix; if the LT nameplate differs from MTR amperes, use the LT plate.

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

788 S 500 E, Pleasant Grove, UT 84062
sales@aumictech.com · +1 (484) 841-9341
<https://aumictechlabs.com>

NIST-traceable calibration · SAM registered ·
30-day returns
NAICS 423690 · 811210 · 541380
Generated August 15, 2026

Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.