



## Eaton fuse disconnect rack power distribution unit

Eaton's ePDU third-generation (G3) fuse disconnect power distribution units (PDU) offer data centers, especially those operating at higher voltages, a fuse capability that delivers high performance and protection.

The fuse disconnect models are able to clear higher fault currents than models with circuit breakers of similar size. They feature a higher amp interrupt capacity that makes them an ideal fit for power-dense racks that are often subject to high fault currents.

The patented Eaton Low Profile Compact Circuit Protector provides the ability to hot-swap fuses allowing them to be safely changed without removing power to the PDU providing high availability to your critical equipment.

Combined with Eaton's ePDU G3 best-in-class features, the fuse disconnect models are a perfect solution for data centers with high power densities looking for a high-power PDU.

### Why choose fuses for your rack PDU?



**Protect**  
high power density  
applications



**Clear** higher fault  
currents than  
circuit breakers



**Change**  
fuses without  
removing power



*Powering Business Worldwide*

# Fuses rather than circuit breakers?

Fuses aren't always the answer and won't replace ePDUs using circuit breakers in all applications. However, using fuses in a rack PDU can be a smart decision in data centers operating with 400/230 volt distribution. Here are some benefits of using fuses that make the ePDU G3 fuse disconnect a solution to consider:

1. Disconnect switch	2. Interrupt capacity	3. Current limiting	4. Selective coordination
Turn off power to the fused section and replace it without the need to unplug the PDU	Interrupts larger currents than circuit breakers giving applications operating at higher voltages a solution for high fault currents	Limit the amount of fault current that is passed through to down-stream equipment	Coordinate with upstream fuses to isolate faults by having the fuse in the PDU blow before the one upstream

	Standard fuse holder	Fuse disconnect switch	Circuit breaker
UL standard	<b>UL 248</b>	<b>UL 248</b>	<b>UL 489</b>
On/off control	No	<b>Yes</b>	<b>Yes</b>
Reset after fault process	Unplug PDU replace fuse	<b>Hot swap replace fuse</b>	<b>Resettable</b>
Stock spare fuses	Yes	Yes	<b>No, resettable</b>
Current limiting	<b>Yes</b>	<b>Yes</b>	No
Interrupting capacity	<b>100 KAIC</b>	<b>100 KAIC</b>	5 or 10 KAIC
Selective coordination	<b>Easy</b>	<b>Easy</b>	Complicated

\*Bold/yellow colored cells signify a preferred feature that provides an advantage

## Eaton ePDU G3 platform: The next generation of power distribution

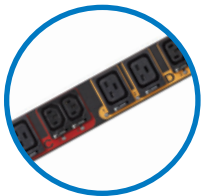
Offered in Basic, Metered Input, Metered Outlet and Managed technologies, the new ePDU G3 fuse disconnect models include all of the same best-in-class features of the G3 platform.



**Secure plugs** in place with a lever-actuated grip to prevent accidental disconnect.



**Daisy chain** up to eight ePDUs to share same network connection and IP address.



**Prevent unbalanced loading** that would unnecessarily trip a breaker.



**Increase uptime** while enhancing serviceability with ability to remove network management module without removing power to the ePDU.

### ePDU G3 FUSE DISCONNECT SELECTION GUIDE

Catalog number	Function	Input plug	Cable (ft)	Circuit protection	Current (A)	Max kW	Output receptacles	Dimensions (H x W x D, in)
EMI350-10	Metered input	IEC60309 532P6W	10	(6) 20A	24	17.3	(24) C13, (6) C19	66.5 x 2.05 x 2.1
EMI351-10	Metered input	L22-30P	10	(6) 20A	24	17.3	(24) C13, (6) C19	66.5 x 2.05 x 2.1
EMI352-10	Metered input	IEC60309 532P6W	10	(6) 20A	24	17.3	(18) C13, (12) C19	66.5 x 2.05 x 2.1
EMI353-10	Metered input	L22-30P	10	(6) 20A	24	17.3	(18) C13, (12) C19	66.5 x 2.05 x 2.1
EMI354-06	Metered input	IEC60309 460P9W	6	(6) 20A	48	17.3	(12) C13, (12) C19	72 x 2.05 x 2.1
EMI355-HW	Metered input	Hardwired	Hardwired	(6) 20A	24	17.3	(48) C13, (12) C19	63.1 x 4.09 x 2.1
EMI356-10	Metered input	IEC60309 532P6W	10	(6) 20A	24	17.3	(48) C13, (12) C19	63.1 x 4.09 x 2.1
EMI357-10	Metered input	L22-30P	10	(6) 20A	24	17.3	(48) C13, (12) C19	63.1 x 4.09 x 2.1
EMI358-HW	Metered input	Hardwired	Hardwired	(6) 20A	48	17.3	(48) C13, (12) C19	63.1 x 4.09 x 2.1
EMI359-06	Metered input	IEC60309 460P9W	6	(6) 20A	48	17.3	(48) C13, (12) C19	63.1 x 4.09 x 2.1

For more information, please visit: [Eaton.com/ePDUG3](http://Eaton.com/ePDUG3)