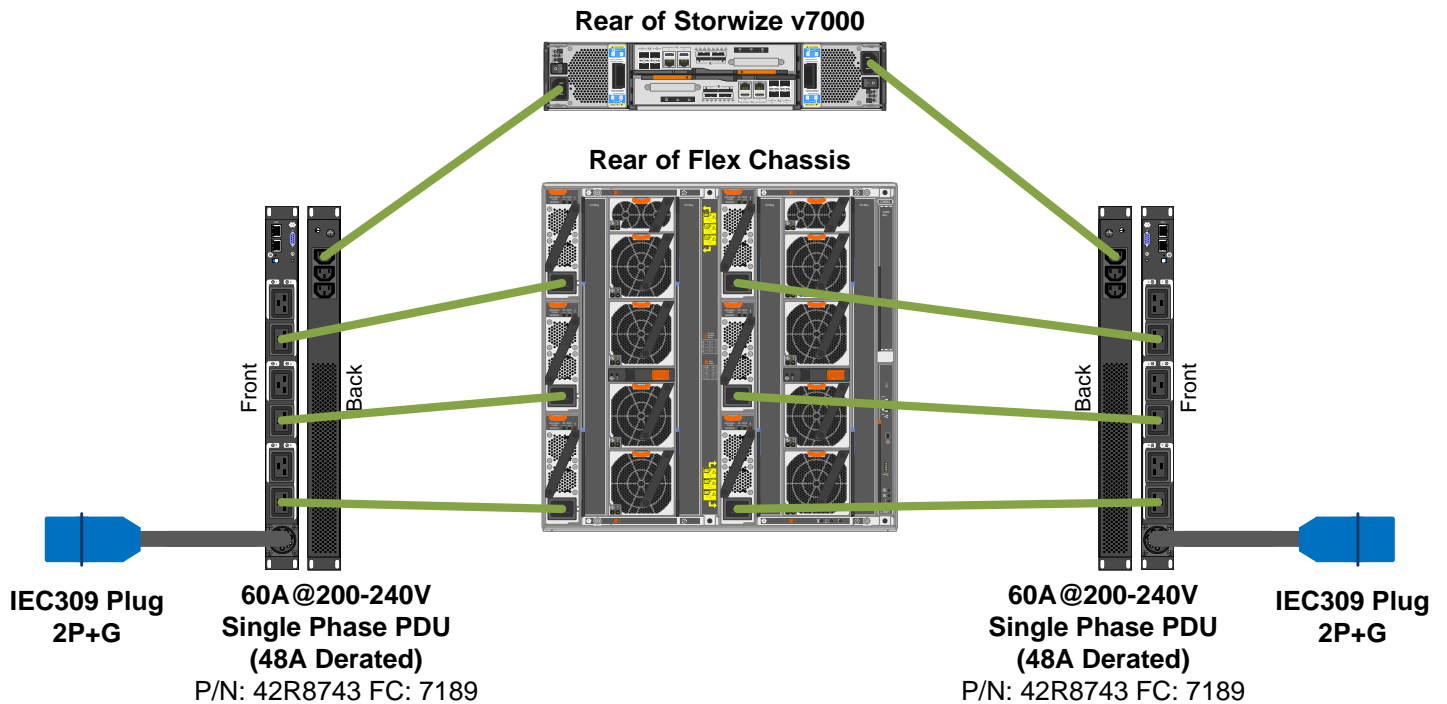


IBM Flex System POC Hybrid PDU & Outlet Information

Revised: 6/8/2012 Author: William Champion – wchamp@us.ibm.com

PDU Connections to Flex System & Storwize v7000

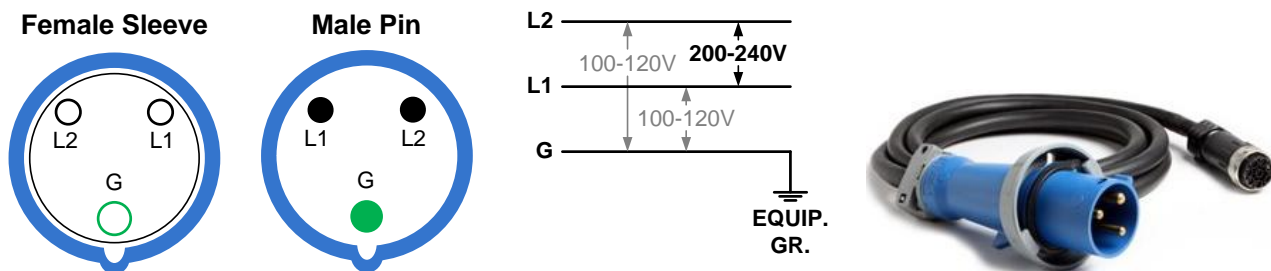


IBM 42R9743 PDU Input Line Cord Details

Line Cord P/N: 39M5417 FC: 6492
IEC 309 2P+G (4.3m) - 60A (48A Derated) @ 200V-240V Single Phase Plug (Type 360P6W)

Only a receptacle or a connector is needed to mate with the plug on the PDU input line cord. See section “[IEC 309 Pin & Sleeve Plug Decode](#)” on page 2 in this document for further details on IEC309.

Matching receptacle listing 360R6W IP-67 HUBBELL, Hubbell receptacle P/N HBL360R6W
Matching connector listing 360C6W IP-67 HUBBELL, Hubbell connector P/N HBL360C6W

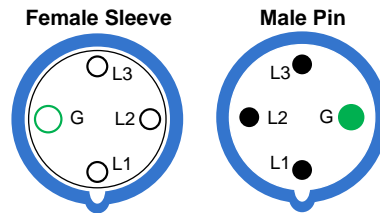


IEC 309 Pin & Sleeve Plug Decode

4	60	R	9	W
Pin Configuration	Amperage	Device Type	Polarization	Environmental Rating
3 - 2 Pole + G 4 - 3 Pole + G 5 - 3 Pole + N + G	20 30 32 60 63 100	P - Plug C - Connector R - Receptacle B - Inlet	Clock Position Of Female Sleeve	W-WATERTIGHT (SCREW CAP & LOCKING RING)

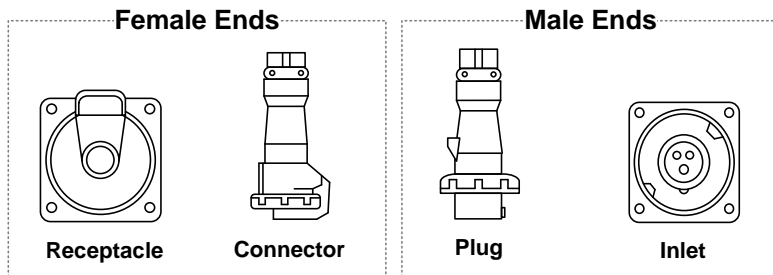
Color	Voltage Rating
Yellow	100V - 130V
Orange	125V/250V
Blue	200V - 250V
Gray	277V
Red	380V - 480V
Black	500V - 690V

- Example
 - IEC309 3P+G Plug
 - 60amp/250V three-phase
 - Hubbell Connector listing 460C9W IP-67
 - P/N HBL460C9W



Pin Configuration Significance

- 3 Pins = 1ph
- 4 Pins = 3ph Δ
- 5 Pins = 3ph Y



Ingress Protection (IP) Decode

Code Letters	First Number	Second Number
Ingress Protection	Protection Against Ingress of Solid Foreign Objects	Protection Against Ingress of Water with Harmful Effects
IP	0 – No Protection 1 ≥ 50mm Diameter 2 ≥ 12.5mm Diameter 3 ≥ 2.5mm Diameter 4 ≥ 1.0mm Diameter 5 – Dust-Protected 6 – Dust-Tight	0 – No Protection 1 – Vertically Dripping 2 – Dripping At 15° Of Tilt 3 – Spraying Up To 60° Of Tilt 4 – Splashing 5 – Jetting 6 – Power Jetting 7 – Temporary Immersion 8 – Continuous Immersion
<p>First Number: degree of protection for persons against access of hazardous parts inside the enclosure and/or against foreign objects.</p> <p>Second Number: degree of protection of equipment inside enclosures against damage from ingress of water.</p> <p><i>Ingress Protection (IP) is defined in IEC 60529 Standard.</i></p>		

Example: IP67 = Ingress Protection / Dust-Tight / Temporary Immersion

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