

# Hospital Use Mobile X-Ray™ Power-Lock® Devices

Project Name:	Prepared By:
Project Number:	Date:
Catalog Number:	Type:



AHPL23050



25505



AHPL23056N

## Description

2-Pole, 3-Wire Grounding  
20A, 125V  
50A 250V; 60A 250V

## Hospital Use Power-Lock® Receptacles Features

- Single receptacle fits all standard single receptacle wallplates and is a binding screw type for side wiring
- Receptacle Assembly features fiberglass reinforced nylon interior and 12" (304.8mm), #6 AWG wire leads

**Table 1. "Hospital Only" Single Receptacle – Back and Side Wire, Short Strap**

Catalog No.	Description	Ratings		Color
		A	V	
<input type="checkbox"/> AHPL23050	2-Pole, 3-Wire Hospital Use Single Receptacle*	20	125	BK

\*IMPORTANT NOTE: Catalog No. 23050 is not designed for use in hazardous areas.

**Table 2. Receptacles – Stainless Steel Plate Assembly**

Catalog No.	Description	Ratings		Color
		A	V	
<input type="checkbox"/> 25505	Receptacle and Plate	50	250	Stainless Steel

## Hospital Use Power-Lock® Plugs

- Glass reinforced nylon interior
- Dual range cord clamp secures small or large diameter cords

**Table 3. "Hospital Only" 2-Pole, 3-Wire Plugs & Connectors**

Plug	Catalog No. Connector	Description	Ratings		Color
			A	V	
<input type="checkbox"/> AHPL23056N	<input type="checkbox"/> 23054N	Hospital, Nylon	20	125	GY

Compliances, specifications and availability are subject to change without notice.



Powering Business Worldwide

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25509

### Hospital Use Power-Lock® Wall Box Features

- Accommodates 50A or 60A receptacles
- Gray enamel finish
- KO sizes 1.25" (31.85mm), 1.50" (38.1mm) and 2" (50.8mm).

**Table 4. Hospital Use Power-Lock® Wall Box**

Catalog No.	Description	Color
□ 25509	Stamped Steel Wall Box	GY

## Applications

Power-Lock Mobile X-Ray receptacles are designed to prevent accidental insertion of plugs from other electrical equipment. Likewise, the Power-Lock X-Ray plugs can only be inserted into X-Ray receptacles. Eaton's line of Power-Lock Mobile X-Ray plugs and receptacles are designed with glass reinforced nylon interiors for superior heat resistance. The plugs employ compression terminals and a gray epoxy coating to insulate the shell.

**Table 5. Specifications**

Catalog No.	AHPL23050	25505	25509	AHPL23056N
<b>Device Type</b>	"Hospital Only" Single Receptacle	Receptacle in Stainless Steel Plate Assembly	Wall Box	"Hospital Only" Plugs
<b>Wiring Type</b>	Side Wire	Back wire	N/A	Back Wire
<b>Testing &amp; Code Compliance</b>	<ul style="list-style-type: none"> <li>• Listed to cUL 498, file no. E3663.</li> <li>• CSA Certified to C22.2, no. 42, file no. LR7087.</li> </ul>	<ul style="list-style-type: none"> <li>• Listed to UL 498, file no. E146159</li> </ul>	N/A	<ul style="list-style-type: none"> <li>• Listed to UL 498, file no. E146159</li> <li>• UL Certified to CSA C22.2, no. 42, file no. LR7087-62.</li> </ul>
<b>Environmental Specifications</b>	<b>Flammability:</b> Meets UL 94 requirements; V0 rated <b>Temperature Rating:</b> -40°C to 105°C (-40°F to 221°F).	<b>Flammability:</b> Meets UL 94 requirements; V0 rated <b>Temperature Rating:</b> 40°C to 105°C (-40°F to 221°F).	N/A	<b>Flammability:</b> Meets UL 94 requirements; V0 rated <b>Temperature Rating:</b> 40°C to 105°C (-40°F to 221°F).
<b>Electrical Specifications</b>	<b>Dielectric Voltage:</b> Withstands 3000V per UL 498 <b>Current Interrupting:</b> Yes, at full-rated current <b>Temperature Rise:</b> Max. 30°C (86°F) after 50 cycles of overload	<b>Dielectric Voltage:</b> Withstands 3000V per UL 498 <b>Current Interrupting:</b> Yes, at full-rated current <b>Temperature Rise:</b> Max. 30°C (86°F) after 50 cycles of overload	N/A	<b>Dielectric Voltage:</b> Withstands 3000V per UL 498 <b>Current Interrupting:</b> Yes, at full-rated current <b>Temperature Rise:</b> Max. 30°C (86°F) after 50 cycles of overload
<b>Mechanical Specifications</b>	<b>Terminal Accommodation:</b> #10 - #14 AWG <b>Voltage Ratings:</b> Permanently marked on device	<b>Terminal Accommodation:</b> #5 AWG <b>Voltage Ratings:</b> Permanently marked on device	N/A	<b>Terminal Accommodation:</b> #5 AWG <b>Voltage Ratings:</b> Permanently marked on device

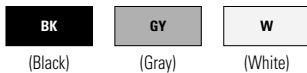
Project Name:	Prepared By:
Project Number:	Date:
Catalog Number:	Type:

**Table 6. Materials**

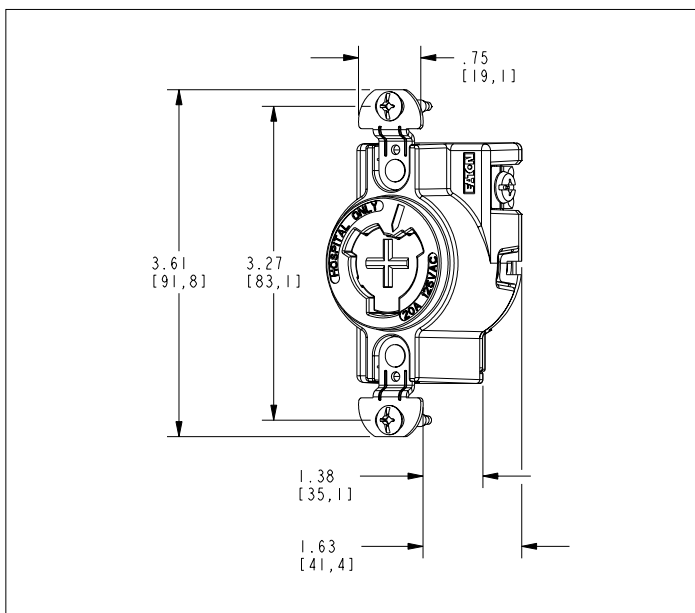
Catalog No.	23050	25505, 25605	25515, 25525, 25615, 25625	25509	23056N, 23054N, 23056, 2305
<b>Device Cover</b>	Nylon	Nylon	N/A	N/A	N/A
<b>Device Base</b>	Glass-filled Nylon	Nylon	Phenolic	N/A	Glass-filled Nylon, except 23056: Phenolic
<b>Device Strap</b>	0.062" Steel	0.019" Bronze	N/A	N/A	N/A
<b>Line Contacts</b>	0.027" Bronze	0.047" Bronze	0.103 Brass	N/A	0.025 Brass
<b>Terminal Screws</b>	#8-32 Brass	#8-32 Brass	#8-32 Brass	N/A	#8-32 Brass
<b>Ground Screws</b>	#8-32 Brass (green)	#8-32 Brass (green)	#8-32 Brass (green)	N/A	#8-32 Brass (green)
<b>Screw Terminal Guards</b>	Brass	N/A	N/A	N/A	N/A
<b>Wire Leads</b>	N/A	N/A	N/A	N/A	N/A
<b>Device Outer Shell</b>	N/A	0.062" Steel	0.062" Cold Rolled Steel w/Gray Epoxy Finish	N/A	Nylon, except Armored Devices: Steel
<b>Device Inner Body</b>	N/A	N/A	Nylon	N/A	23054: Phenolic
<b>Device Cord Clamp</b>	N/A	N/A	N/A	0.076" Steel	Nylon, except Armored Devices: Steel
<b>Assembly Material</b>	N/A	0.062" Stainless Steel	N/A	Stamped Steel w/Gray Enamel Finish	N/A

**Table 7. Color Ordering Information**

For ordering devices, include Cat. No. followed by the color code: (Black), GY (Gray), W (White)









## Product Dimensions









**Figure 1. AHPL23050 Line Art with Dimensions**

Project Name:	Prepared By:
Project Number:	Date:
Catalog Number:	Type:

## Certifications & Compliances

Catalog No.							
Receptacle	Plug						
AHPL23050		•					•
25505		•					
	AHPL23056N		•				
	23056	•					•

**KEY:**  cULus  UL  Fed Spec  NAFTA  ROHS

 Parts are manufactured and designed in accordance with article 4 of the European Union's RoHS2 directive 2011/65/EU

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