

OPTIONS

4.1 DC POWER OPTIONS 52 AND 54

DC Power Options allow the Model 8144-RD to operate from a DC voltage source. The DC power connection is made at the **DC PWR** terminal block. The optional input voltages are listed below:

OPTION 52	12 to 24 VDC	6 watts (± 11.0 to 32.0 VDC, 6 watts)
OPTION 54	48 VDC	6 watts (± 55.2 VDC $\pm 20\%$)

The isolated inputs of the DC to DC converter permits either polarity of voltage to be used.

4.2 MOUNTING OPTIONS

There are three mounting options available in addition to the standard 19-inch rack mount.

4.2.1 Slides

Option 11 allows the Model 8144-RD to be mounted in a 19-inch rack with slide-out capabilities. Table 4-1 lists the hardware supplied with Option 11. Verify that these items have been received.

Quantity	Description
1	Right-hand slide assembly
1	Left-hand slide assembly
2	Filler plates (not used)
2	Adjustable rear support bracket
1	Hardware Pack containing nut plates, small rear support brackets, and assorted hardware.
1	Hardware pack containing #10 nuts and #10-32 x 1/2 truss head screws
1	Hardware pack containing #10 nuts and #10-32 x 3/8 pan head screws

TABLE 4-1 OPTION 11 CHECKLIST

Install Option 11 as described below:

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1. Remove the chassis section from the right-hand slide rail assembly. The right hand assembly is designated with the letters *RH* after the manufacturer's date code label.

Attach the chassis section to the Model 8144-RD using #10-32 screws. The locking tab must be toward the rear of the unit.

2. Repeat Step 1 for the left chassis section.
3. Mount the right and left stationary sections into the rack using the appropriate rear support brackets, nut plates and required hardware.
4. Insert the unit into the rack assembly. Secure the Model 8144-RD to the rack using the front panel mounting holes.

4.2.2 Option 102, 23/24-inch Rack Mount

Option 102 provides the hardware to mount the Model 8144-RD in a 23- or 24-inch rack. Table 4-2 lists the parts supplied with Option 102. Verify that these items have been received.

Quantity	Description
2	23/24 Mounting Plate
4	#10-32 Hex Nut
4	#10 Split Lockwasher
4	#10 Flat Washer
4	#10-32 x 1/2 Philips Pan Head Screw

TABLE 4-2 OPTION 102 CHECKLIST

A Philips screwdriver and a 3/8-inch nut driver are needed to assemble the rack mount kit. To assemble the kit, attach the mounting plates to each side of the Model 8144-RD with the hardware provided.

4.2.3 Option 103, Setback Mount

Option 103 provides the necessary hardware to mount the Model 8144-RD in a setback position. Table 4-3 list the parts supplied with Option 103. Verify that these items have been received.

Quantity	Description
2	Setback Mounting Bracket
4	#10 Split Lockwasher
4	#10-32 x 1/2 Philips Pan Head Screw

TABLE 4-3 OPTION 103 CHECKLIST

A Philips screwdriver is needed to assemble the setback mounting kit. To assemble the kit attach the mounting brackets to each side of the Model 8144-RD with the hardware provided.