

Product Discontinuation Notices

September 1, 2010

RFID Systems

No. 2010250E

Discontinuation Notice of Amplifier units. model V640-HAM11-V2 series

Product Discontinuation

Recommended Replacement



V640-HAM11-V2
V640-HAM11-V2-1



V640-HAM11-V3
(Release on October 2010)

Discontinuation date : The end of October, 2011

Caution on recommended replacement

The difference points are as follows;

- 1) Add the function. : To check a breaking of V640 antenna cable with the specific command.
- 2) Change the board thickness of mounting portion.
Before : 1mm → After : 5mm
- 3) Change the material
Before : SECC (steel plate) → After : PC + ABS resin
- 4) Add the test mode with the Dip switch (9 pin).
- 5) Add the LED display pattern of hardware error.

Difference from discontinued product

Model	Body Color	Dimensions	Wire connection	Mounting Dimensions	Characteristics	Operation ratings	Operation methods
V640-HAM11-V3	**	*	**	*	**	**	**

** : Fully compatible

* : The change is a little/Almost compatible

-- : Not compatible

- : No corresponding specification

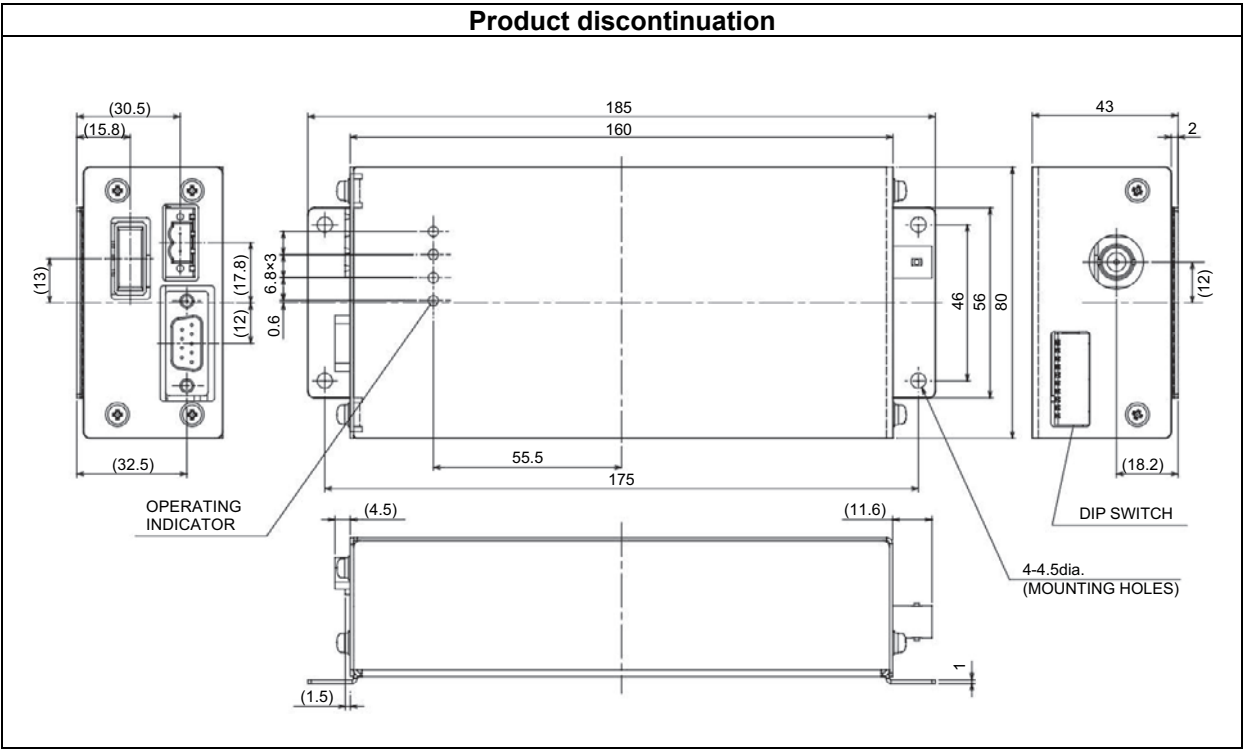
Product Discontinuation and recommended replacement

Product discontinuation	Recommended replacement
V640-HAM11-V2	V640-HAM11-V3
V640-HAM11-V2-1	

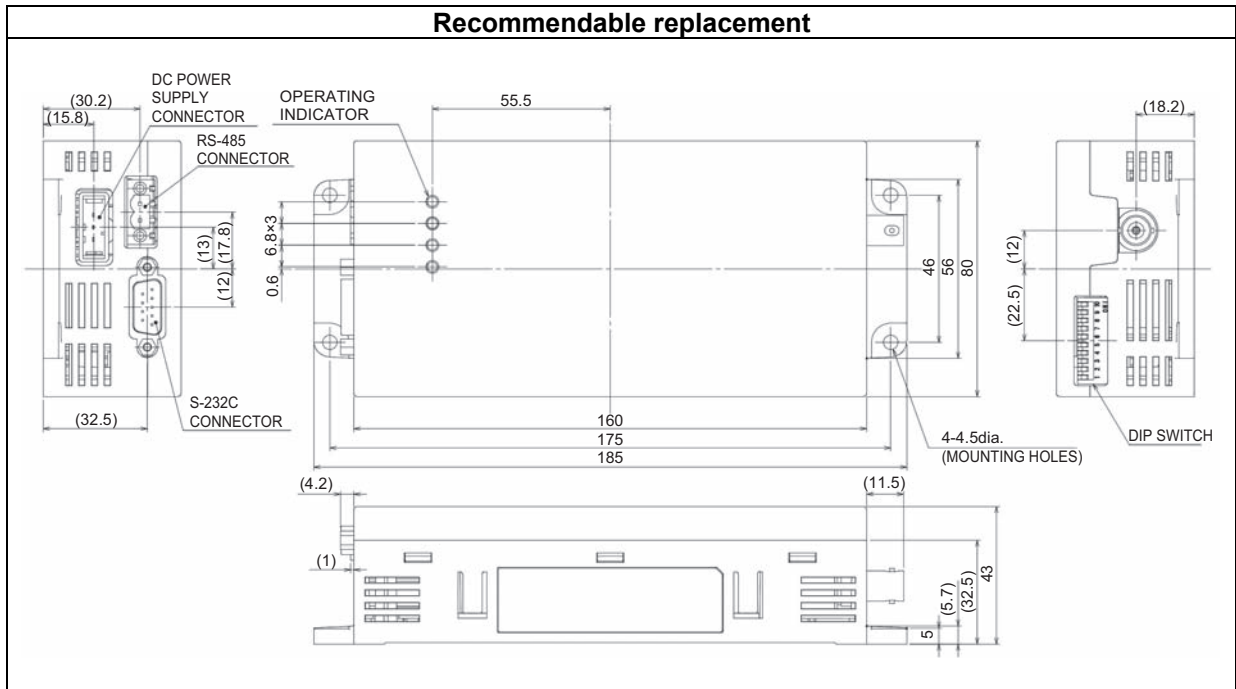
Body color

Product discontinuation	Recommendable replacement
Beige	Same as on the left

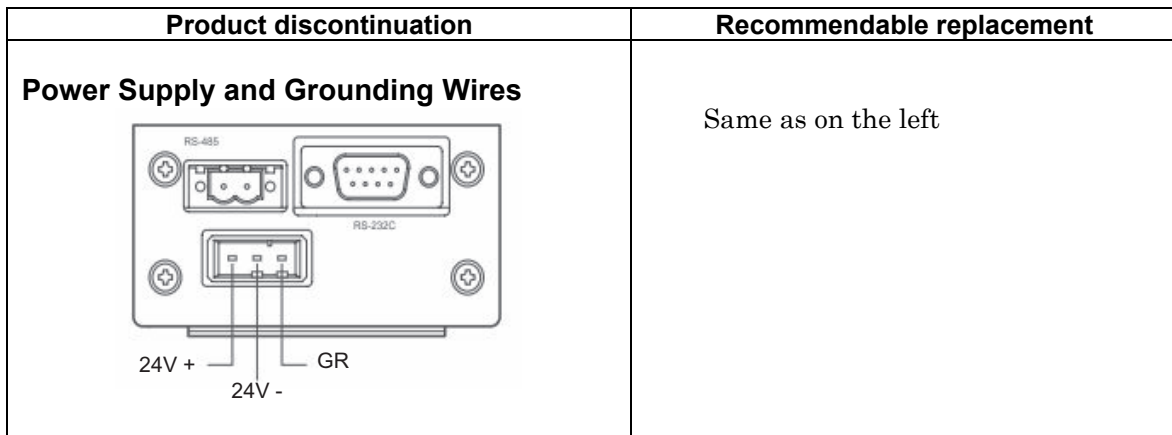
Dimensions



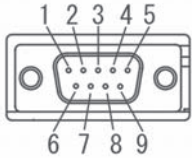
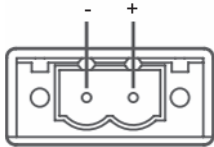
Dimensions



Wire Connection



Wire Connection

Product discontinuation		Recommendable replacement																																							
<p>Connector of RS-232C</p> 		<p>Same as on the left</p>																																							
<table border="1"> <thead> <tr> <th>Pin No.</th> <th>Signal name</th> <th>Symbol</th> <th>Signal Direction</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>-</td> <td>NC</td> <td>-</td> </tr> <tr> <td>2</td> <td>Receive data</td> <td>RD</td> <td>Input</td> </tr> <tr> <td>3</td> <td>Send data</td> <td>SD</td> <td>Output</td> </tr> <tr> <td>4</td> <td>-</td> <td>NC</td> <td>-</td> </tr> <tr> <td>5</td> <td>Signal ground</td> <td>SG</td> <td>-</td> </tr> <tr> <td>6</td> <td>-</td> <td>NC</td> <td>-</td> </tr> <tr> <td>7</td> <td>Request send</td> <td>RS</td> <td>Output</td> </tr> <tr> <td>8</td> <td>Send enable</td> <td>CS</td> <td>Input</td> </tr> <tr> <td>9</td> <td>-</td> <td>NC</td> <td>-</td> </tr> </tbody> </table>				Pin No.	Signal name	Symbol	Signal Direction	1	-	NC	-	2	Receive data	RD	Input	3	Send data	SD	Output	4	-	NC	-	5	Signal ground	SG	-	6	-	NC	-	7	Request send	RS	Output	8	Send enable	CS	Input	9	-
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<p>Connector of RS-485</p> 		<p>Same as on the left</p>																																							
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Mounting dimensions

Product discontinuation	Recommendable replacement
See "Dimensions".	See "Dimensions".

Characteristics

Item	Product discontinuation Model V640-HAM11-V2	Recommended replacement Model V640-HAM11-V3
Power supply voltage	24 VDC +10% -15%	Same as on the left
Current consumption	150 mA max.	Same as on the left
Ambient temperature	Operating: : 0 to +40°C Storage : -15 to +65°C (with no icing)	Same as on the left
Ambient humidity	Operating / Storage : 35% to 85% (with no condensation)	Same as on the left
Degree of protection	IP20 (IEC60529 standard)	Same as on the left
Insulation resistance	20MΩ min. between power supply terminals and the frame ground terminal (100 VDC M)	Same as on the left
Dielectric strength	Leak current not to exceed 5 mA on application of 1000 VAC (50/60 Hz for 1 minute) between both power supply terminals and the frame ground terminal	Same as on the left
Vibration resistance	Frequency: 10 to 150 Hz; double amplitude: 0.20 mm; acceleration: 15 m/s ² for 8 minutes, 10 times each in X, Y, and Z directions	Same as on the left
Shock resistance	Shock of 150m/s ² in X, Y, and Z directions, 3 times each for 18 repetitions	Same as on the left
Ground	Ground to 100Ω or less.	Same as on the left
Case material	SECC	ABS + PC
Weight	Approx. 500g	Approx. 250g