

Outdoor Unit (Electric Wiring
Diagram, Schematic Diagram);
Service Procedures; Checking The
Electrical Components; Measurement
Of Insulation Resistance - Sanyo
SPW-XR253GH56 Technical Data &
Service Manual

1

2

Table Of Contents

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

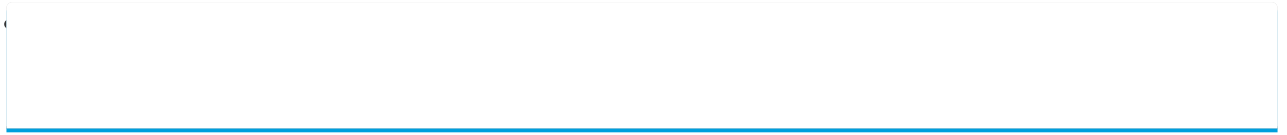
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46
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48
49
50
51
52
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57
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104
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113
114
115
116
117

118
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120
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122
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125
126
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128
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137
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140
141
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145
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147
148
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153
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155
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157
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159
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161
162
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164
165
166
167

168
169
170
171
172
173
174
175
176
177
178
179
180
181
182
183
184
185
186
187
188
189
190
191
192
193
194
195
196
197
198
199
200
201
202
203
204
205
206
207
208
209
210
211
212
213
214
215
216
217

218
219
220
221
222
223



•

[Table of Contents](#)

-

Troubleshooting

•

Bookmarks



4-2 Checking the Electrical Components

4. 9

(1)

Measurement of Insulation

Resistance

• The insulation is in good condition if the resistance exceeds 1 MΩ.

1

(1) Measurement of Insulation Resistance

Power Supply Wires

Clamp the earthed wire of the Power Supply

wires with a lead clip of the insulation resistance tester and measure the resistance by

placing a probe on either of the power wires.

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(Fig. 25)

Then measure the resistance between the earthed wire and the other power wire. (Fig. 25)

2

Indoor Unit

4-2 Checking the Electrical Components

Clamp an aluminum plate fin or copper tube with the lead clip of the insulation resistance tester and measure the resistance by placing a probe on high voltage terminal on the

(1) Measurement of Insulation Resistance

1

terminal plate (Fig. 26)

See Fig. 22.

3

(1) Power Supply Wires

Outdoor Unit (SPW-CR253GHL5)

Clamp the earthed wire of the Power Supply wires with a lead clip of the insulation resistance tester and measure the resistance by placing a probe on either of the power wires. (Fig. 25)

(Fig. 26)

See Fig. 22.

3

(2) Indoor Unit

Outdoor Unit (SPW-CR253GHL8,

SPW-CR363GHL8, SPW-CR483GHL8)

Clamp a metallic part of the unit with the lead clip of the insulation resistance tester and measure the resistance by placing a probe on high voltage terminal on the terminal plate (Fig. 26)

4

See Fig. 22.

5 and then 6, and then 7 on the 8P terminal plate. (Fig. 26)

(3) Outdoor Unit (SPW-CR253GHL5)

See Fig. 23.

5

Clip
Probe
Clip
Copper tube or metallic part

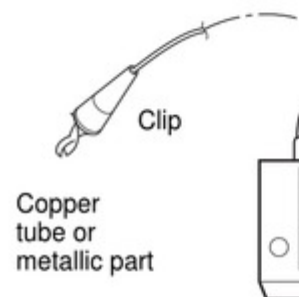
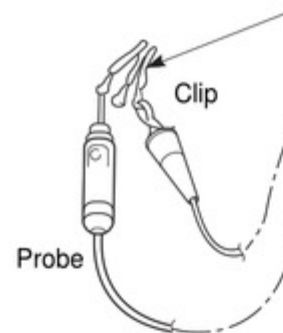
Clamp a metallic part of the unit with the lead clip of the insulation resistance tester and measure the resistance by placing a probe on

(1) and then (2) on the 8 or 6P terminal plate. (Fig. 26)

(Fig. 26)

See Fig. 22.

(3) Outdoor Unit (SPW-CR253GHL8, SPW-CR363GHL8, SPW-CR483GHL8)



4. Service procedures

Earthed wire
Insulation
tester

4. 9

Fig. 25

Terminal plate
Probe
Insulation
tester

4-2 Checking the Electrical Components

(1) Measurement of Insulation Resistance

Fig. 26
SM830080

[Table of Contents](#)

1

...

201

202

203

204

Quick Links:

[Specifications](#)

[Unit Specifications](#)

[\(A\) Indoor Units](#)

[\(B\) Outdoor Units](#)

Troubleshooting

[Troubleshooting](#) 168

[General Troubleshooting Flow Chart: Diagnosis and Remedy](#) 171

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[SPW-C256VH Outdoor Units \(Electric Wiring Diagram, Schematic Diagram\)](#)

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