





# Telkonet Couplers

## TECHNICAL SPECIFICATIONS

				
<b>Model #</b>	<b>Model MVC100</b> Single Coupler US & Canada, Wye Systems	<b>Model ICB112</b> Single Integrated Coupler Breaker, US & Canada, Wye Systems	<b>Model ICB212</b> Dual Integrated Coupler Breaker, US & Canada, Wye Systems	<b>Model DPC100</b> Single Coupler US & Canada, Delta Phase Systems
<b>Power Line Carrier Interface</b>	<ul style="list-style-type: none"> <li>75Ω F-type connector</li> </ul>	<ul style="list-style-type: none"> <li>75Ω F-type connector</li> </ul>	<ul style="list-style-type: none"> <li>75Ω F-type connector</li> </ul>	<ul style="list-style-type: none"> <li>75Ω F-type connector</li> </ul>
<b>Power Terminals</b>	<ul style="list-style-type: none"> <li>Four terminals: one for each phase (three total) and neutral</li> </ul>	<ul style="list-style-type: none"> <li>Cutler Hammer Breaker: QCR3015H</li> <li>Three terminals: one for each phase</li> <li>Torque Spec - 20 in/lb</li> </ul>	<ul style="list-style-type: none"> <li>Cutler Hammer Breakers: 2X3 QCR3015H</li> <li>2X3 terminals: one for each phase (per side)</li> <li>Torque Spec - 20 in/lb</li> </ul>	<ul style="list-style-type: none"> <li>Three terminals: one for each phase</li> </ul>
<b>Electrical Cable</b>	<ul style="list-style-type: none"> <li>4 Conductor XHHN-2, 14 AWG 600V Cables: phase A, phase B, phase C and neutral</li> <li>Supports connection to a single, split or 3-phase Wye system</li> </ul>	<ul style="list-style-type: none"> <li>4 Conductor XHHN-2, 12 AWG 600V Cable</li> <li>Supports connection to a single, split or 3 phase Wye system</li> </ul>	<ul style="list-style-type: none"> <li>2x 4 Conductor XHHN-2, 12 AWG 600V Cable</li> <li>Supports connection to two, single, split or 3 phase Wye system</li> </ul>	<ul style="list-style-type: none"> <li>Three THHN-2, 14 AWG 600V Cables: phase A, phase B and phase C</li> <li>Supports connection to a Delta Phase System</li> </ul>
<b>Operational Temperature</b>	<ul style="list-style-type: none"> <li>0°C to 50°C non-condensing</li> </ul>	<ul style="list-style-type: none"> <li>0°C to 50°C non-condensing</li> </ul>	<ul style="list-style-type: none"> <li>0°C to 50°C non-condensing</li> </ul>	<ul style="list-style-type: none"> <li>0°C to 50°C non-condensing</li> </ul>
<b>Storage Temperature</b>	<ul style="list-style-type: none"> <li>-20°C to 70°C</li> </ul>	<ul style="list-style-type: none"> <li>-20°C to 70°C</li> </ul>	<ul style="list-style-type: none"> <li>-20°C to 70°C</li> </ul>	<ul style="list-style-type: none"> <li>-20°C to 70°C</li> </ul>
<b>Power/Input Rating</b>	<ul style="list-style-type: none"> <li>100-480 VAC, 0.1 amps, 50/60 Hz, AC-3AC, Wye</li> </ul>	<ul style="list-style-type: none"> <li>100-240VAC, 0.2A, 50/60Hz, AC-3AC, Wye</li> </ul>	<ul style="list-style-type: none"> <li>100-240VAC, 0.2A, 50/60Hz, 2xAC-3AC, Wye</li> </ul>	<ul style="list-style-type: none"> <li>100-480 VAC, 0.1 amps, 50/60 Hz, AC-3AC, Delta</li> </ul>
<b>Regulatory Compliance</b>	<ul style="list-style-type: none"> <li>TUV Rheinland Certified</li> <li>UL/ANSI 60950 Listed,</li> <li>IEC 60950 Compliant</li> <li>Complies with IC: ICES-0006; en conformité avec IC: NMB – 006</li> <li>NOM Certification</li> </ul>	<ul style="list-style-type: none"> <li>TUV Rheinland Certified</li> <li>UL/ANSI 60950 Listed</li> <li>Complies with IC: ICES-0006; en conformité avec IC: NMB – 006</li> <li>NOM Certification</li> </ul>	<ul style="list-style-type: none"> <li>TUV Rheinland Certified</li> <li>UL/ANSI 60950 Listed</li> <li>Complies with IC: ICES-0006; en conformité avec IC: NMB – 006</li> <li>NOM Certification</li> </ul>	<ul style="list-style-type: none"> <li>TUV Rheinland Certified</li> <li>UL/ANSI 60950 Listed,</li> <li>IEC 60950 Compliant</li> <li>Complies with IC: ICES-0006; en conformité avec IC: NMB – 006</li> <li>NOM Certification</li> </ul>
<b>Physical Characteristics</b>	<ul style="list-style-type: none"> <li>Length: 5.6 inches, 142mm</li> <li>Width: 5.8 inches, 147mm</li> <li>Height: 2.3 inches, 58mm</li> </ul>	<ul style="list-style-type: none"> <li>Length: 10 inches, 254mm</li> <li>Width: 5 inches, 127mm</li> <li>Height: 3.5 inches, 89mm</li> </ul>	<ul style="list-style-type: none"> <li>Length: 10 inches, 254mm</li> <li>Width: 5 inches, 127mm</li> <li>Height: 3.5 inches, 89mm</li> </ul>	<ul style="list-style-type: none"> <li>Length: 5.6 inches, 142mm</li> <li>Width: 5.8 inches, 147mm</li> <li>Height: 2.3 inches, 58mm</li> </ul>
<b>Phoenix Terminal Block</b>	<ul style="list-style-type: none"> <li>2, MKDS5HV/2-9.52</li> <li>Torque Spec - 4.4 in/lb or 0.5 Nm</li> </ul>	_____	_____	<ul style="list-style-type: none"> <li>MKDS5HV/3-9.52</li> <li>Torque Spec - 4.4 in/lb or 0.5 Nm</li> </ul>

**Ordering and Product Warranty** One-year standard warranty. Extended warranty available.

**Customer Service** 24/7 customer service/technical assistance is available.

**Note:** These products are intended for use only in conjunction with Telkonet iWire System™ and are not intended for use with other electrical products.



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[www.ivacommunications.net](http://www.ivacommunications.net)

**IVA Communications, LLC**

911 Silver Spring Avenue, Ste., 202  
Silver Spring, Maryland 20910  
[management@ivacommunications.net](mailto:management@ivacommunications.net)

Phone: 301.585.0746  
Toll-Free in the US: 800.326.9936  
Fax: 301.585.0747