

# HV Circuit Breaker

Design, engineering and manufacturing of power grid equipments the world runs on.



Custom-engineered • Certified and on-site • 50% faster delivery than industry norms

# AYR-HVCB-DT-72.5

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Rated Voltage	<ul style="list-style-type: none"><li>• 72.5 kV</li></ul>
Rated Power Frequency Withstand Voltage	<ul style="list-style-type: none"><li>• 140 kVrms</li></ul>
Rated Lightning Impulse Withstand Voltage	<ul style="list-style-type: none"><li>• 325 kVpeak</li></ul>
Rated current	<ul style="list-style-type: none"><li>• 3150 A</li></ul>
Rated Short Time withstand current (3Sec)	<ul style="list-style-type: none"><li>• 40/50/63 kA</li></ul>
Rated Peak withstand current	<ul style="list-style-type: none"><li>• 104 kA peak</li></ul>
Rated Break time	<ul style="list-style-type: none"><li>• &lt; 50 ms</li></ul>
Type of Mechanism	<ul style="list-style-type: none"><li>• Spring</li></ul>
Rated Operating Cycle	<ul style="list-style-type: none"><li>• O-0.3s-CO-3min-CO</li></ul>

# AYR-HVCB-DT-145

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Rated Voltage	<ul style="list-style-type: none"><li>• 145 kV</li></ul>
Rated Power Frequency Withstand Voltage	<ul style="list-style-type: none"><li>• 275 kVrms</li></ul>
Rated Lightning Impulse Withstand Voltage	<ul style="list-style-type: none"><li>• 650 kVpeak</li></ul>
Rated current	<ul style="list-style-type: none"><li>• 4000 A</li></ul>
Rated Short Time withstand current (3Sec)	<ul style="list-style-type: none"><li>• 40/50/63 kA</li></ul>
Rated Peak withstand current	<ul style="list-style-type: none"><li>• 104 kA peak</li></ul>
Rated Break time	<ul style="list-style-type: none"><li>• &lt; 50 ms</li></ul>
Type of Mechanism	<ul style="list-style-type: none"><li>• Spring</li></ul>
Rated Operating Cycle	<ul style="list-style-type: none"><li>• O-0.3s-CO-3min-CO</li></ul>

**AYR-HVCB-DT-245**

# AYR-HVCB-DT-245

Rated Voltage	<ul style="list-style-type: none"><li>• 245 kV</li></ul>
Rated Power Frequency Withstand Voltage	<ul style="list-style-type: none"><li>• 460 kVRms</li></ul>
Rated Lightning Impulse Withstand Voltage	<ul style="list-style-type: none"><li>• 1050 kVpeak</li></ul>
Rated current	<ul style="list-style-type: none"><li>• 4000 A</li></ul>
Rated Short Time withstand current (3Sec)	<ul style="list-style-type: none"><li>• 40/50/63 kA</li></ul>
Rated Peak withstand current	<ul style="list-style-type: none"><li>• 130 kA peak</li></ul>
Rated Break time	<ul style="list-style-type: none"><li>• &lt; 50 ms</li></ul>
Type of Mechanism	<ul style="list-style-type: none"><li>• Spring</li></ul>
Rated Operating Cycle	<ul style="list-style-type: none"><li>• O-0.3s-CO-3min-CO</li></ul>

**AYR-HVCB-DT-363**

# AYR-HVCB-DT-363

Rated Voltage	<ul style="list-style-type: none"><li>• 363 kV</li></ul>
Rated Power Frequency Withstand Voltage	<ul style="list-style-type: none"><li>• 510 kVrms</li></ul>
Rated Lightning Impulse Withstand Voltage	<ul style="list-style-type: none"><li>• 1175 kVpeak</li></ul>
Rated current	<ul style="list-style-type: none"><li>• 5000 A</li></ul>
Rated Short Time withstand current (3Sec)	<ul style="list-style-type: none"><li>• 40/50/63 kA</li></ul>
Rated Peak withstand current	<ul style="list-style-type: none"><li>• 130 kA peak</li></ul>
Rated Break time	<ul style="list-style-type: none"><li>• &lt; 50 ms</li></ul>
Type of Mechanism	<ul style="list-style-type: none"><li>• Spring</li></ul>
Rated Operating Cycle	<ul style="list-style-type: none"><li>• O-0.3s-CO-3min-CO</li></ul>