ON – Outdoor disconnector
24 – 36 kV, 400 – 2000 A

Product features
- Rated voltages 24, 36 kV
- Rated currents 400 – 2000 A
- Single or three phase design (ON I, ON III)
- Operated with manual or motor drives (also remotely controlled)
- Many ways of coupling with drive by common couplers and rods
- Vertical-break opening
- Fixed terminals for connection on both sides
- Available with earthing switches on both sides
- Durable porcelain insulators
- Applicable standards IEC 62271-1, IEC 62271-102

Product benefits
- Safe and visible isolating gap in open position
- Proven and reliable design
- High mechanical endurance
- High electric parameters
- Installation position: horizontal or vertical
- Suitable for new installations or retrofit
- Easy to install and commission
- Minimal maintenance requirements
- Possibility to work in various climatic condition and in various types of networks
- Remotely controlled can work as sectionalizer in distribution network
- Possibility to customize for tailor made solutions
Technical data of basic 3-phase ON disconnector:

<table>
<thead>
<tr>
<th>Parameters</th>
<th>ONIII 20/4-2</th>
<th>ONIII 20/8-2</th>
<th>ONIII 20/12-2</th>
<th>ONIII 30/4-2</th>
<th>ONIII 30/8-2</th>
<th>ONIII 30/12-2</th>
<th>ONIII 30W/4-2</th>
<th>ONIII 30W/8-2</th>
<th>ONIII 30W/16-2</th>
<th>ONIII 30W/20-2</th>
<th>ONIII 30L/4-2</th>
<th>ONIII 30L/8-2</th>
<th>ONIII 30L/16-2</th>
<th>ONIII 30L/20-2</th>
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<tbody>
<tr>
<td>Rated Voltage [kV]</td>
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<td>Rated power frequency withstand voltage to earth and between phases [kV]</td>
<td>55</td>
<td>75</td>
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<td>Rated power frequency withstand voltage across the isolating distance [kV]</td>
<td>75</td>
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<td>Rated lighting impulse withstand voltage to earth end between phases [kV]</td>
<td>125</td>
<td>170</td>
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<td>Rated lighting impulse withstand voltage across the isolating distance [kV]</td>
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<td>Creepage distance [mm]</td>
<td>460</td>
<td>610</td>
<td>900</td>
<td>1116</td>
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<td>Rated current [A]</td>
<td>400</td>
<td>800</td>
<td>1250</td>
<td>400</td>
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<tr>
<td>Disconnector rated peak withstand current [kA]</td>
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<td>Disconnector rated short-time withstand current 1 s [kA]</td>
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<td>Earthing switch UD – lower earthing switch or UG – upper earthing switch</td>
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<td>Earthing switch rated peak withstand current [kA]</td>
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<td>Earthing switch rated short-time withstand current 1 s [kA]</td>
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<td>Rated frequency [Hz]</td>
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<td>Mechanical endurance [close/open cycles]</td>
<td>1000</td>
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<td>Weight [kg]</td>
<td>Without earthing switch</td>
<td>80</td>
<td>105</td>
<td>125</td>
<td>130</td>
<td>173</td>
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<tr>
<td>With earthing switch</td>
<td>90</td>
<td>120</td>
<td>140</td>
<td>150</td>
<td>188</td>
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* earthing switch from both side on request
** on request

Available optional configuration or equipment:
- One phase design (ON I)
- Earthing switches on both sides (3-phase disconnector only)
- Manual operating mechanism NN1 with auxiliary contacts and interlock
- Motor operating device UEMC50
- Rods and rod’s supports
- Customer-specific configuration on request

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