### Technical Data

<table>
<thead>
<tr>
<th>NZM1(-4)-XFI30R</th>
<th>NZM1(-4)-XFI130R</th>
<th>NZM1(-4)-XFI300R</th>
<th>NZM1(-4)-XFI300U</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Electrical Standards</strong></td>
<td><strong>IEC 60947-2</strong></td>
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</tr>
<tr>
<td><strong>Sensitivity</strong></td>
<td>Pulse current sensitive according to core-balance principle</td>
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</tr>
<tr>
<td><strong>Min. operating voltage</strong></td>
<td>80 V (dependent on mains voltage)</td>
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</tr>
<tr>
<td><strong>Suitability for the application</strong></td>
<td>In three- and single-phase systems</td>
<td>In single-phase</td>
<td></td>
</tr>
<tr>
<td><strong>Rated operational voltage</strong></td>
<td>200...415 (3–)</td>
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</tr>
<tr>
<td><strong>Rated frequency</strong></td>
<td>50 Hz</td>
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</tr>
<tr>
<td><strong>Number of poles</strong></td>
<td>3/4</td>
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</tr>
<tr>
<td><strong>Rated current range</strong></td>
<td>15...125</td>
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</tr>
<tr>
<td><strong>Detection range of the fault current</strong></td>
<td>0.03 A</td>
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</tr>
<tr>
<td><strong>Rated ultimate short-circuit breaking capacity</strong></td>
<td>80 V (dependent on mains voltage)</td>
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</tr>
<tr>
<td><strong>Fault current warning</strong></td>
<td>0.3 x I_{DU} = I_{DU} = I_{DU} = I_{DU}</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Mechanical shock resistance (IEC 60068-2-7)</strong></td>
<td>20 (half-sinusoidal shock 20 ms)</td>
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### Standards

- IEC 60947-2
- IEC 60947-2
- IEC 60947-2
- IEC 60947-2

### Sensitivity

- Pulse current sensitive according to core-balance principle
- Pulse current sensitive according to core-balance principle
- Pulse current sensitive according to core-balance principle

### Min. operating voltage

- 80 V (dependent on mains voltage)
- 80 V (dependent on mains voltage)
- 80 V (dependent on mains voltage)

### Suitability for the application

- In three- and single-phase systems
- In single-phase

### Rated operational voltage

- 200...415 (3–)
- 200...415 (3–)
- 200...415 (3–)

### Rated frequency

- 50 Hz
- 50 Hz
- 50 Hz

### Number of poles

- 3/4
- 3/4
- 3/4

### Rated current range

- 15...125
- 15...125
- 15...125

### Detection range of the fault current

- 0.03 A
- 0.03 A
- 0.03 A

### Rated ultimate short-circuit breaking capacity

- 80 V (dependent on mains voltage)
- 80 V (dependent on mains voltage)
- 80 V (dependent on mains voltage)

### Fault current warning

- 0.3 x I_{DU} = I_{DU} = I_{DU} = I_{DU} = I_{DU} = I_{DU} = I_{DU} = I_{DU}

### Mechanical shock resistance (IEC 60068-2-7)

- 20 (half-sinusoidal shock 20 ms)
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### Min. operating voltage

- | |
- | |
- | |

### Rated operational voltage

- | |
- | |
- | |

### Rated frequency

- | |
- | |
- | |

### Number of poles

- | |
- | |
- | |

### Rated current range

- | |
- | |
- | |

### Detection range of the fault current

- | |
- | |
- | |

### Rated ultimate short-circuit breaking capacity

- | |
- | |
- | |

### Fault current warning

- | |
- | |
- | |

### Mechanical shock resistance (IEC 60068-2-7)

- | |
- | |
- | |

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