A9N21725
iDPN - circuit breaker - iDPN N - 1P + N - 13A - C curve

<table>
<thead>
<tr>
<th>Main</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Range of product</td>
<td>Clario</td>
</tr>
<tr>
<td>Range</td>
<td>Clario</td>
</tr>
<tr>
<td>Product name</td>
<td>IDPN</td>
</tr>
<tr>
<td>Product or component type</td>
<td>Miniature circuit-breaker</td>
</tr>
<tr>
<td>Device short name</td>
<td>IDPN N</td>
</tr>
<tr>
<td>Device application</td>
<td>Distribution</td>
</tr>
<tr>
<td>Poles description</td>
<td>1P + N</td>
</tr>
<tr>
<td>Number of protected poles</td>
<td>1</td>
</tr>
<tr>
<td>Neutral position</td>
<td>Left</td>
</tr>
<tr>
<td>[In] rated current</td>
<td>13 A</td>
</tr>
<tr>
<td>Network type</td>
<td>AC</td>
</tr>
<tr>
<td>Trip unit technology</td>
<td>Thermal-magnetic</td>
</tr>
<tr>
<td>Curve code</td>
<td>C</td>
</tr>
<tr>
<td>Breaking capacity</td>
<td>Icn 6000 A at 230 V AC 50/60 Hz conforming to EN/IEC 60898-1</td>
</tr>
<tr>
<td></td>
<td>Icu 10 kA at 230 V AC 50/60 Hz conforming to IEC 60947-2</td>
</tr>
<tr>
<td>Suitability for isolation</td>
<td>Yes</td>
</tr>
</tbody>
</table>

| Complementary             |         |
| Network frequency         | 50/60 Hz|
| [Ue] rated operational voltage | 230 V AC 50/60 Hz between phase and neutral |
| Magnetic tripping limit   | 5...10 x In |
| [Ics] rated service breaking capacity | 6000 A 100 % x Icn at 230 V AC 50/60 Hz conforming to EN/IEC 60898-1 |
|                           | 7.5 kA 75 % x Icn at 230 V AC 50/60 Hz conforming to IEC 60947-2 |
| Limitation class          | 3 conforming to EN/IEC 60898-1 |
| [Ui] rated insulation voltage | 400 V AC 50/60 Hz conforming to IEC 60947-2 |
| [Uimp] rated impulse withstand voltage | 4 kV conforming to IEC 60947-2 |
| Contact position indicator | Yes     |
| Control type              | Toggle  |

Disclaimer: The documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications.

Aug 28, 2019
<table>
<thead>
<tr>
<th>Local signalling</th>
<th>ON/OFF indication</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mounting mode</td>
<td>Clip-on</td>
</tr>
<tr>
<td>Mounting support</td>
<td>DIN rail</td>
</tr>
<tr>
<td>9 mm pitches</td>
<td>2</td>
</tr>
<tr>
<td>Height</td>
<td>81 mm</td>
</tr>
<tr>
<td>Width</td>
<td>18 mm</td>
</tr>
<tr>
<td>Depth</td>
<td>78 mm</td>
</tr>
<tr>
<td>Product weight</td>
<td>115 g</td>
</tr>
<tr>
<td>Colour</td>
<td>White</td>
</tr>
<tr>
<td>Mechanical durability</td>
<td>20000 cycles</td>
</tr>
<tr>
<td>Electrical durability</td>
<td>20000 cycles</td>
</tr>
<tr>
<td>Tightening torque</td>
<td>2 N.m</td>
</tr>
<tr>
<td>Earth-leakage protection</td>
<td>Separate block</td>
</tr>
</tbody>
</table>

**Environment**

<table>
<thead>
<tr>
<th>Standards</th>
<th>EN/IEC 60947-2</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>EN/IEC 60898-1</td>
</tr>
<tr>
<td>IP degree of protection</td>
<td>IP20 conforming to IEC 60529</td>
</tr>
<tr>
<td>Pollution degree</td>
<td>3 conforming to IEC 60947-1</td>
</tr>
<tr>
<td>Tropicalisation</td>
<td>2 conforming to IEC 60068-1</td>
</tr>
<tr>
<td>Relative humidity</td>
<td>95 % ( 55 °C )</td>
</tr>
<tr>
<td>Operating altitude</td>
<td>2000 m</td>
</tr>
<tr>
<td>Ambient air temperature for operation</td>
<td>-25...70 °C</td>
</tr>
<tr>
<td>Ambient air temperature for storage</td>
<td>-40...70 °C</td>
</tr>
<tr>
<td>Locking options description</td>
<td>Padlocking device</td>
</tr>
<tr>
<td>Connections - terminals</td>
<td>Tunnel type terminals, downstream flexible wire(s) 0.33...10 mm² max</td>
</tr>
<tr>
<td></td>
<td>Tunnel type terminals, downstream rigid wire(s) 0.75...16 mm² max</td>
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<tr>
<td>Wire stripping length</td>
<td>13 mm</td>
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</tbody>
</table>

**Offer Sustainability**

| Sustainable offer status       | Green Premium product |
| RoHS (date code: YYWW)         | Compliant - since 0627 - Schneider Electric declaration of conformity |
| Schneider Electric declaration of conformity | |
| REACh                          | Reference not containing SVHC above the threshold |
| Product environmental profile  | Available |
|                               | Product Environmental Profile |
| Product end of life instructions | Need no specific recycling operations |

**Contractual warranty**

| Warranty period | 18 months |