Low loss & low inrush transformers, IP20

**Type 3RT-LI**
High-efficiency 3-phase transformers with no inrush current. 3RT-LI transformers ensures optimal utilization of the electric installation, and provide extensive savings concerning installation and running costs.

The LI transformers have, in addition to no inrush current, extremely low losses and reduced weight/dimensions in relation to our standard 3-phase transformers.

Standard types supplied with separate primary and secondary windings. This generates "a new system" in which any earth faults are eliminated. Steel plate enclosure, degree of protection IP20.

**Applications:**
For transforming voltage up or down or for installations which require a galvanic partition between the primary and secondary voltage.

**Technical specifications**
- **Input voltage:** 3x230V
- **Frequency:** 47-63 Hz
- **Output voltage:** 3x400V
- **Vector group:** dY11
- **According to:** EN61558-2-4
- **Test voltage:** 4,2 kV AC RMS
- **Construction class:** I
- **Insulation class:** B (130°C)
- **Ambient temp. (tα):** 40°C
- **Degree of protection:** IP20
- **Type of termination:** Terminal block

**Groundbreaking new transformer design!**
**Optimum utilization of the installation**
Very low inrush current!

**Cost effective** - Lower installation costs and lower running costs

**Environmentally friendly, a green alternative** - Low loss construction reduces energy consumption

**Space saving** - Compact footprint

**Standard vector group:**

<table>
<thead>
<tr>
<th>Type</th>
<th>Power</th>
<th>Current (Iₙ 400V)</th>
<th>Fe-loss</th>
<th>Cu-loss</th>
<th>Dimensions (LxBxH)</th>
<th>Weight</th>
<th>Art. no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>3RT 4.0LI-230/400-20</td>
<td>4.0 kVA</td>
<td>5.8 A</td>
<td>15 W</td>
<td>180 W</td>
<td>610x171x700 mm</td>
<td>50 kg</td>
<td>3-040-000087</td>
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<tr>
<td>3RT 6.3LI-230/400-20</td>
<td>6.3 kVA</td>
<td>9.1 A</td>
<td>27 W</td>
<td>259 W</td>
<td>610x171x700 mm</td>
<td>83 kg</td>
<td>3-040-000067</td>
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<tr>
<td>3RT 10.0LI-230/400-20</td>
<td>10.0 kVA</td>
<td>14.4 A</td>
<td>47 W</td>
<td>372 W</td>
<td>610x171x700 mm</td>
<td>110 kg</td>
<td>3-040-000068</td>
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<tr>
<td>3RT 12.5LI-230/400-20</td>
<td>12.5 kVA</td>
<td>18.1 A</td>
<td>39 W</td>
<td>381 W</td>
<td>674x172x850 mm</td>
<td>130 kg</td>
<td>3-040-000069</td>
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<tr>
<td>3RT 16.0LI-230/400-20</td>
<td>16.0 kVA</td>
<td>23 A</td>
<td>48 W</td>
<td>468 W</td>
<td>674x172x850 mm</td>
<td>150 kg</td>
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<td>3RT 20.0LI-230/400-20</td>
<td>20.0 kVA</td>
<td>28.8 A</td>
<td>60 W</td>
<td>532 W</td>
<td>749x236x1050 mm</td>
<td>195 kg</td>
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<td>25.0 kVA</td>
<td>36 A</td>
<td>79 W</td>
<td>590 W</td>
<td>749x236x1050 mm</td>
<td>226 kg</td>
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<td>30.0 kVA</td>
<td>43.5 A</td>
<td>83 W</td>
<td>560 W</td>
<td>749x236x1050 mm</td>
<td>270 kg</td>
<td>3-040-000073</td>
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