Load Disconnect Switches and Motor Starters
YD star-delta contactor combination

8220/5-SL-SS110kW400V-T  Art. No. 142454

- Modular motor starters for all gas groups
- Control panels: Direct-On-Line Motor Starter DOL, YD, reversing contactor combinations
- Optional customer-specific equipping with main switches, main fuses and control devices

R. STAHL Series 8220 standard motor starters are installed in Ex d enclosures and have an Ex e connection chamber enclosure. They are available in various control variants for rapid delivery. As an option, the control panels can be fitted with main switches, main fuses and control devices as per the customer's requirements.

**Technical Data**

**Explosion Data**

**Application range (zones)**
- 1
- 2
- 21
- 22

**IECEEx gas certificate**
IECEEx PTB 06.0069

**IECEEx gas explosion protection**
Ex db eb IIC T6 Gb

**IECEEx dust certificate**
IECEEx PTB 06.0069

**IECEEx dust explosion protection**
Ex tb IIIC T80 °C Db

**ATEX gas certificate**
PTB 02 ATEX 1109

**ATEX gas explosion protection**
Ex tb IIIC T80 °C Db

**ATEX dust certificate**
PTB 02 ATEX 1109

**ATEX dust explosion protection**
Ex tb IIIC T80 °C Db

**Technical Data**

**Rated operational voltage AC**
400 V

**Ambient Temperature**
-20 °C ... +40 °C

**Mechanical Data**

**Degree of protection (IP)**
IP54

**IP degree of protection (IEC 60529)**
IP66

**Enclosure**
8225/133

**Enclosure material**
Sheet steel, painted

**Enclosure colour**
Light grey (RAL 7035)

**Terminals**
4 x 150 mm²

**Terminals 2**
6 x 95 mm²

**Threaded holes on bottom**
1 x M63
2 x M50
2 x M25
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### Mechanical Data

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>Cable entry</td>
<td>1 x M63</td>
</tr>
<tr>
<td>Cable entry 2</td>
<td>2 x M50</td>
</tr>
<tr>
<td>Cable entry 3</td>
<td>2 x M25</td>
</tr>
<tr>
<td>Width</td>
<td>480 mm</td>
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<tr>
<td>Height</td>
<td>325 mm</td>
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<tr>
<td>Length</td>
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<tr>
<td>Weight</td>
<td>141 kg</td>
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<tr>
<td>Weight</td>
<td>310.85 lb</td>
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</tbody>
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### Technical Drawings – Subject to Alterations

![Diagram of YD star-delta contactor combination]

### Dimensional Drawings (All Dimensions in mm [inches]) – Subject to Alterations

![Dimensional drawing with dimensions]

8220/133

We reserve the right to make alterations to the technical data, dimensions, weights, designs and products available without notice. The illustrations cannot be considered binding.