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

8220/5-SL-SS18,5kW400V-T  Art. No. 142446

- 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

WebCode 8220A

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

<table>
<thead>
<tr>
<th>Application range (zones)</th>
<th>1</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>21</td>
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<td></td>
<td>22</td>
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</table>

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 IIC T80 °C Db
ATEX gas certificate PTB 02 ATEX 1109
ATEX gas explosion protection Ex db eb IIC T6 Gb
ATEX dust certificate PTB 02 ATEX 1109
ATEX dust explosion protection Ex tb IIC T80 °C Db

Electrical Data

Rated operational voltage AC 400 V

Ambient Conditions

Ambient temperature -20 °C ... +40 °C

Mechanical Data

Degree of protection (IP) IP54
IP degree of protection (IEC 60529) IP66
Enclosure 8225/122
Enclosure material Sheet steel, painted
Enclosure colour Light grey (RAL 7035)
Terminals 4 x 6 mm²
Terminals 2 6 x 4 mm²
Threaded holes on bottom 3 x M32
                           2 x M25
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**Mechanical Data**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
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</thead>
<tbody>
<tr>
<td>Cable entry</td>
<td>3 x M32</td>
</tr>
<tr>
<td>Cable entry 2</td>
<td>2 x M25</td>
</tr>
<tr>
<td>Width</td>
<td>360 mm</td>
</tr>
<tr>
<td>Height</td>
<td>268 mm</td>
</tr>
<tr>
<td>Length</td>
<td>360 mm</td>
</tr>
<tr>
<td>Weight</td>
<td>76 kg</td>
</tr>
<tr>
<td>Weight</td>
<td>167.55 lb</td>
</tr>
</tbody>
</table>

**Technical Drawings – Subject to Alterations**

![Technical Diagram](image1)

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

![Dimensional Diagram](image2)

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.