


| Qty. | Description |
|------|--|
| 1 | <p>CRN 32-8-2 A-F-A-E-HQQE</p>  <p>Note! Product picture may differ from actual product</p> <p>Product No.: 96122533</p> <p>Vertical, multistage centrifugal pump with inlet and outlet ports on same the level (inline). Pump materials in contact with the liquid are in high-grade stainless steel. A cartridge shaft seal ensures high reliability, safe handling, and easy access and service. Power transmission is via a rigid split coupling. Pipe connection is via DIN flanges.</p> <p>The pump is fitted with a 3-phase, fan-cooled asynchronous motor.</p> <p>Liquid: Pumped liquid: Water Liquid temperature range: -40 .. 120 °C Selected liquid temperature: 20 °C Density: 998.2 kg/m³</p> <p>Technical: Pump speed on which pump data are based: 3561 rpm Rated flow: 36 m³/h Rated head: 170 m Pump orientation: Vertical Shaft seal arrangement: Single Code for shaft seal: HQQE Approvals: CE,EAC,UKCA,SEPRO Approvals for drinking water: WRAS,ACS Curve tolerance: ISO9906:2012 3B</p> <p>Materials: Base: Stainless steel EN 1.4408 AISI 316 Impeller: Stainless steel EN 1.4401 AISI 316 Bearing: SIC Support bearing: Graflon</p> <p>Installation: Maximum ambient temperature: 55 °C Maximum operating pressure: 30 bar Max pressure at stated temp: 30 bar / 120 °C 30 bar / -40 °C Type of connection: DIN Size of inlet connection: DN 65 Size of outlet connection: DN 65 Pressure rating for connection: PN 40 Flange size for motor: FF350</p> |



Company name:

Created by:

Phone:

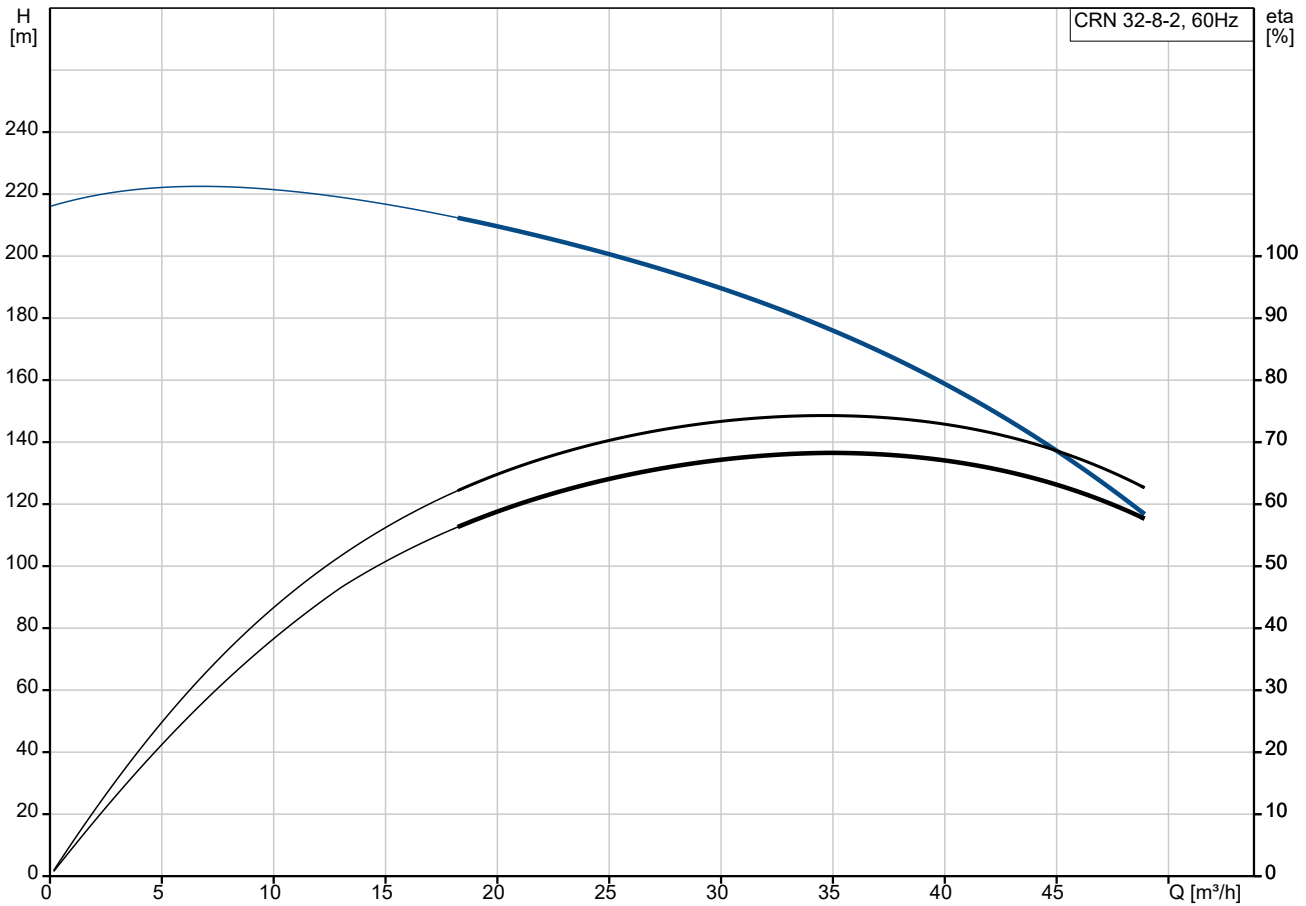
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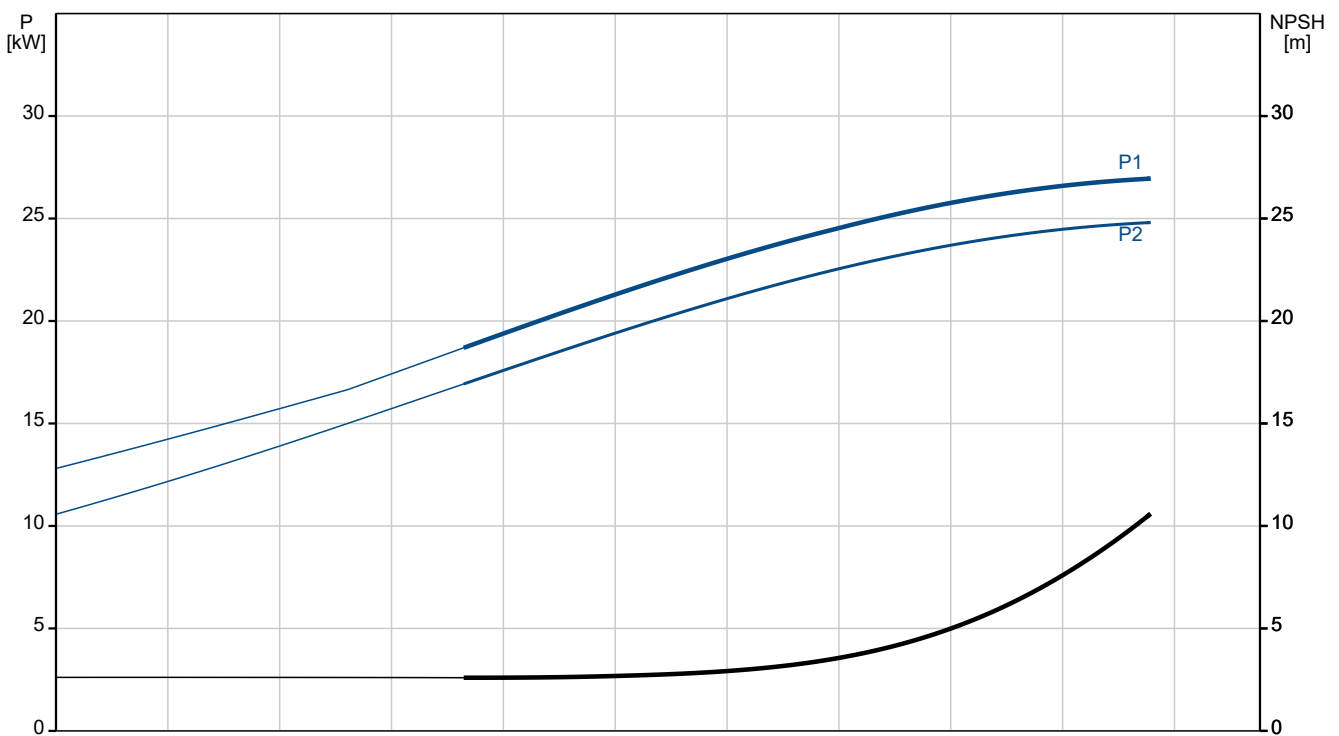
| Qty. | Description |
|------|-------------|
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| | |
|---|---|
| 1 | Electrical data: |
| | Motor standard: IEC |
| | Motor type: SIEMENS |
| | Rated power - P2: 30 kW |
| | Power (P2) required by pump: 30 kW |
| | Mains frequency: 60 Hz |
| | Rated voltage: 3 x 440-480Y V |
| | Rated current: 47 A |
| | Starting current: 850 % |
| | Cos phi - power factor: 0.87 |
| | Rated speed: 3560 rpm |
| | IE efficiency: IE3 92,4% |
| | IE Efficiency class: IE3 / NEMA Premium |
| | Motor efficiency at full load: 92.4 % |
| | Motor efficiency at 3/4 load: 91.9 % |
| | Motor efficiency at 1/2 load: 90.1 % |
| | Number of poles: 2 |
| | Enclosure class (IEC 34-5): IP55 |
| | Insulation class (IEC 85): F |
| | Motor No: 81U05332 |
| | Controls: |
| | Frequency converter: None |
| | Others: |
| | Terminal box position: 6 |
| | Minimum efficiency index, MEI ≥: 0.70 |
| | Net weight: 314 kg |
| | Gross weight: 353 kg |
| | Shipping volume: 0.805 m³ |
| | Country of origin: TW |
| | Custom tariff no.: 8413700000 |

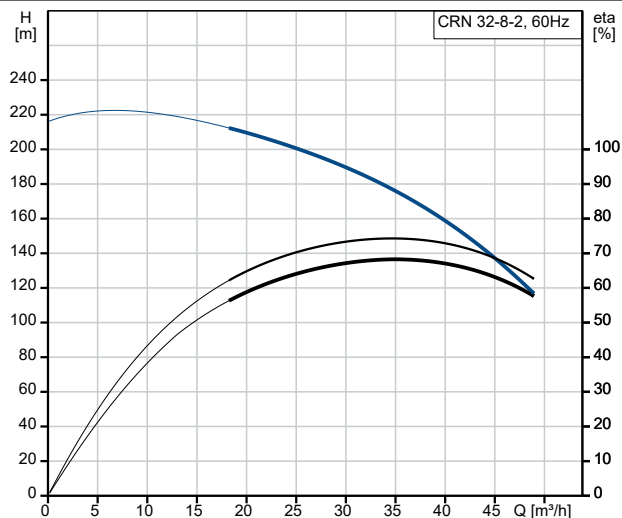
96122533 CRN 32-8-2 A-F-A-E-HQQE 60 Hz



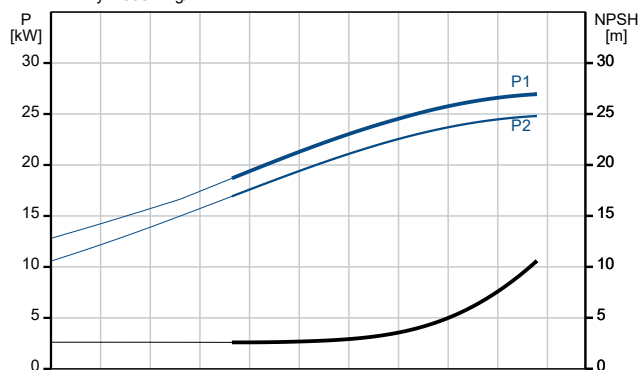
Pumped liquid = Water
 Liquid temperature during operation = 20 °C
 Density = 998.2 kg/m³



| Description | Value |
|--|----------------------------|
| General information: | |
| Product name: | CRN 32-8-2 A-F-A-E-HQQE |
| Product No: | 96122533 |
| EAN number: | 5700396685779 |
| Technical: | |
| Pump speed on which pump data are based: | 3561 rpm |
| Rated flow: | 36 m³/h |
| Rated head: | 170 m |
| Maximum head: | 215 m |
| Stages: | 8 |
| Impellers: | 8 |
| Number of reduced-diameter impellers: | 2 |
| Low NPSH: | N |
| Pump orientation: | Vertical |
| Shaft seal arrangement: | Single |
| Code for shaft seal: | HQQE |
| Approvals: | CE,EAC,UKCA,SEPRO |
| Approvals for drinking water: | WRAS,ACS |
| Curve tolerance: | ISO9906:2012 3B |
| Pump version: | A |
| Model: | B |
| Materials: | |
| Base: | Stainless steel |
| Base: | EN 1.4408 |
| Base: | AISI 316 |
| Impeller: | Stainless steel |
| Impeller: | EN 1.4401 |
| Impeller: | AISI 316 |
| Material code: | A |
| Code for rubber: | E |
| Bearing: | SIC |
| Support bearing: | Graflon |
| Installation: | |
| Maximum ambient temperature: | 55 °C |
| Maximum operating pressure: | 30 bar |
| Max pressure at stated temp: | 30 bar / 120 °C |
| Max pressure at stated temp: | 30 bar / -40 °C |
| Type of connection: | DIN |
| Size of inlet connection: | DN 65 |
| Size of outlet connection: | DN 65 |
| Pressure rating for connection: | PN 40 |
| Flange size for motor: | FF350 |
| Connect code: | F |
| Liquid: | |
| Pumped liquid: | Water |
| Liquid temperature range: | -40 .. 120 °C |
| Selected liquid temperature: | 20 °C |
| Density: | 998.2 kg/m³ |
| Electrical data: | |
| Motor standard: | IEC |
| Motor type: | SIEMENS |
| Rated power - P2: | 30 kW |
| Power (P2) required by pump: | 30 kW |
| Mains frequency: | 60 Hz |
| Rated voltage: | 3 x 440-480V V |
| Rated current: | 47 A |



Pumped liquid = Water
Liquid temperature during operation = 20 °C
Density = 998.2 kg/m³





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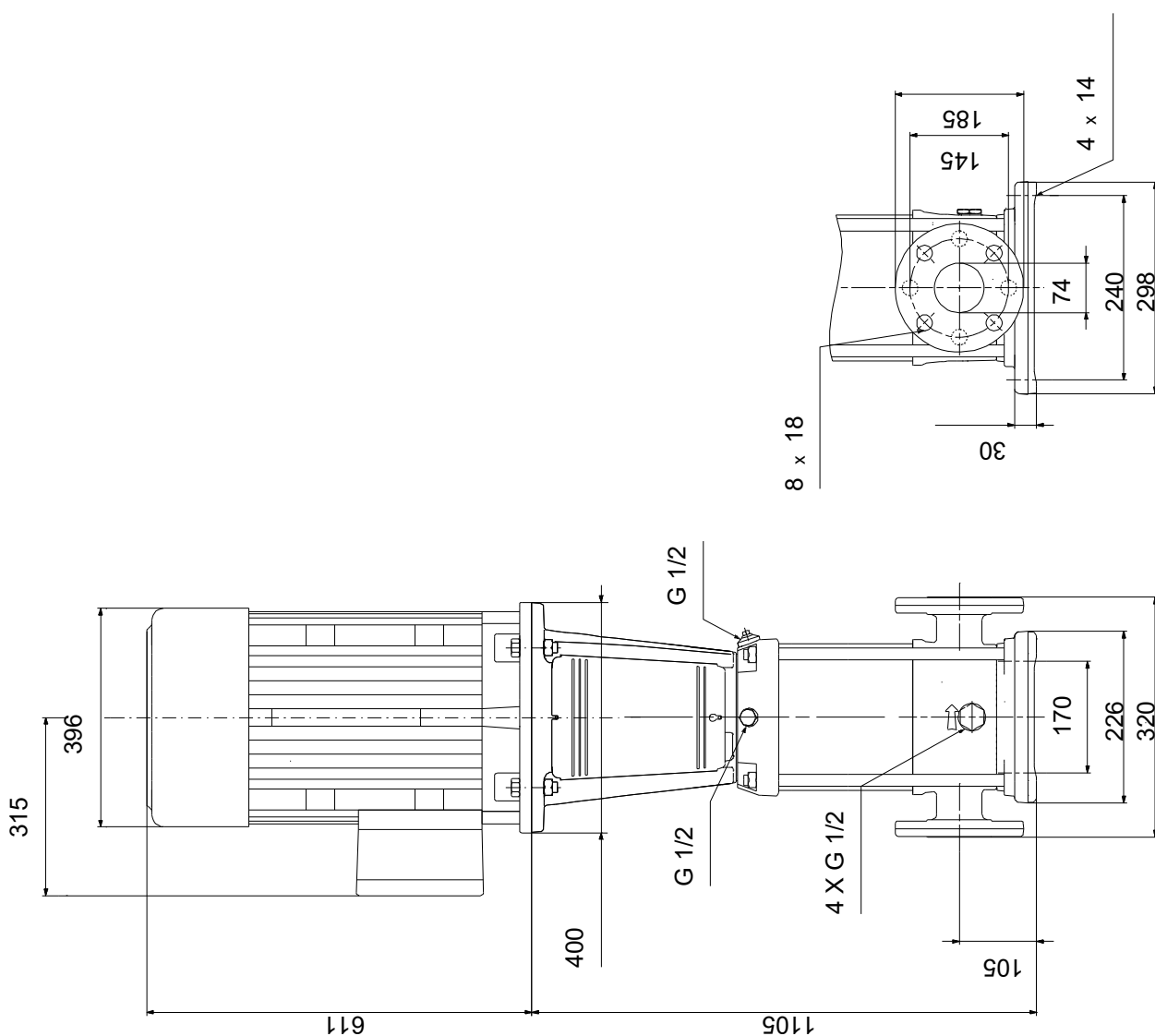
Phone:

Date:

29/10/2024

| Description | Value |
|----------------------------------|----------------------|
| Starting current: | 850 % |
| Cos phi - power factor: | 0.87 |
| Rated speed: | 3560 rpm |
| IE efficiency: | IE3 92,4% |
| IE Efficiency class: | IE3 / NEMA Premium |
| Motor efficiency at full load: | 92.4 % |
| Motor efficiency at 3/4 load: | 91.9 % |
| Motor efficiency at 1/2 load: | 90.1 % |
| Number of poles: | 2 |
| Enclosure class (IEC 34-5): | IP55 |
| Insulation class (IEC 85): | F |
| Built-in motor protection: | PTC |
| Motor No: | 81U05332 |
| Controls: | |
| Frequency converter: | None |
| Others: | |
| Terminal box position: | 6 |
| Minimum efficiency index, MEI ≥: | 0.70 |
| Net weight: | 314 kg |
| Gross weight: | 353 kg |
| Shipping volume: | 0.805 m ³ |
| Country of origin: | TW |
| Custom tariff no.: | 84137000000 |

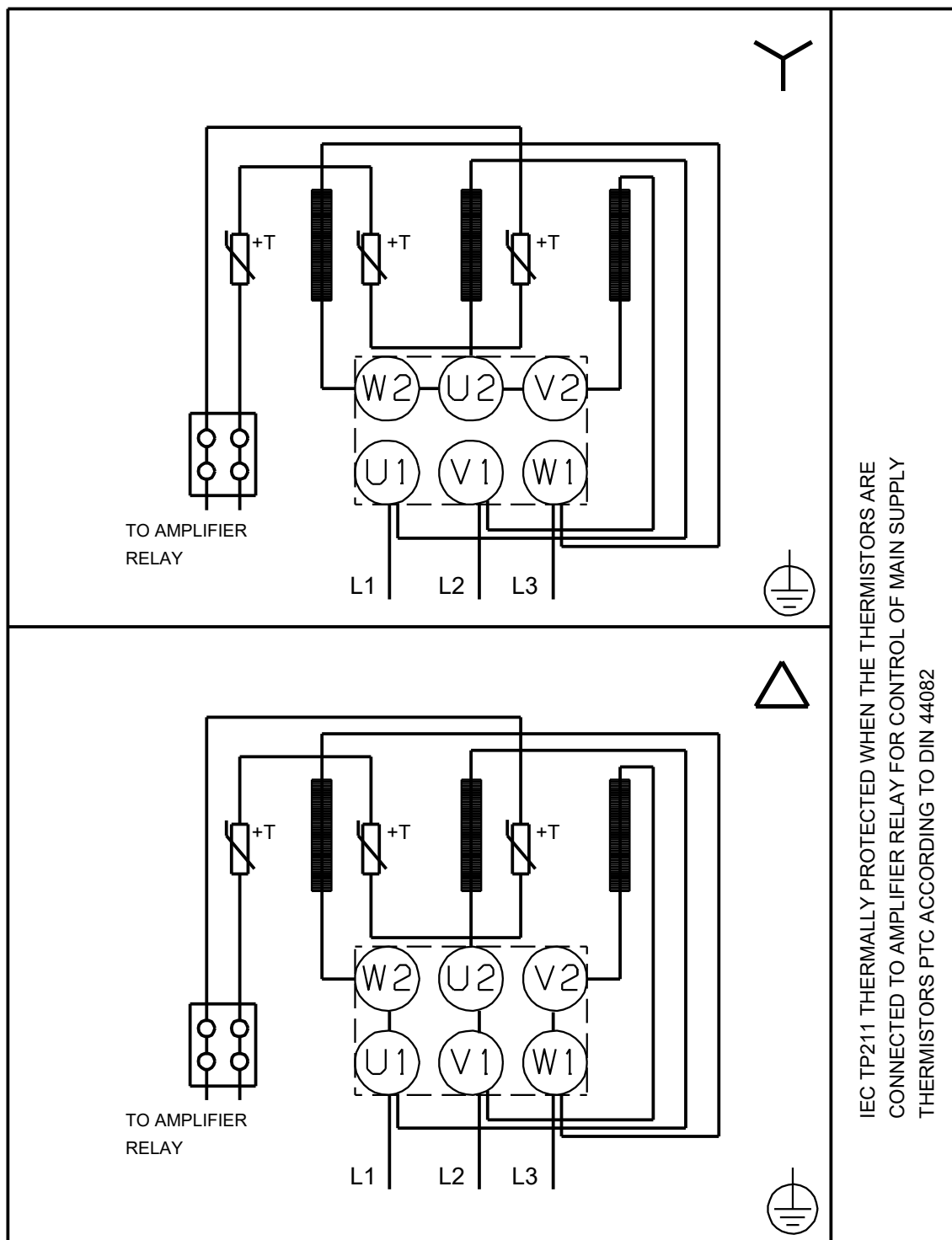
96122533 CRN 32-8-2 A-F-A-E-HQQE 60 Hz



Note! All units are in [mm] unless others are stated.

Disclaimer: This simplified dimensional drawing does not show all details.

96122533 CRN 32-8-2 A-F-A-E-HQQE 60 Hz



IEC TP211 THERMALLY PROTECTED WHEN THE THERMISTORS ARE
CONNECTED TO AMPLIFIER RELAY FOR CONTROL OF MAIN SUPPLY
THERMISTORS PTC ACCORDING TO DIN 44082

Note! All units are in [mm] unless others are stated.