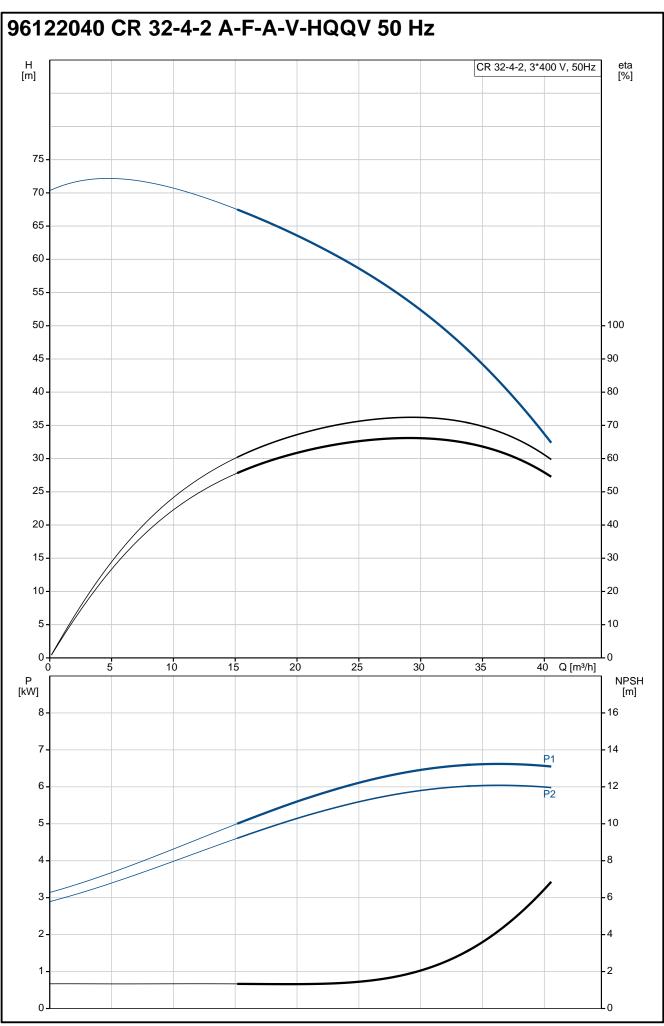
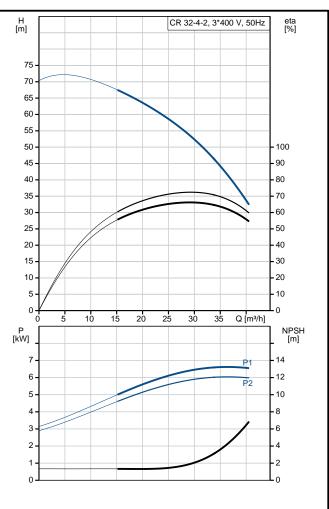
Position **Description** Qty. 1 CR 32-4-2 A-F-A-V-HQQV Product No.: 96122040 Vertical, multistage centrifugal pump with suction and discharge ports on same the level (in-line) enabling installation in a horizontal one-pipe system. The pump head and base are in cast iron – all other wetted parts are in stainless steel. A cartridge shaft seal ensures high reliability, safe handling and easy service and access. Power transmission is via a rigid split coupling. Pipework connection is via DIN flanges. The pump is fitted with a 3-phase, fan-cooled asynchronous motor. Liquid: Pumped liquid: Water -20 .. 90 °C Liquid temperature range: Liquid temperature during operation: 20 °C 998.2 kg/m³ Density: Technical: Rated flow: 30 m³/h Rated head: 53.1 m Pump orientation: Vertical Shaft seal arrangement: Single Code for shaft seal: **HQQV** Approvals on nameplate: CE, EAC Curve tolerance: ISO9906:2012 3B Materials: Base: Cast iron EN 1563 EN-GJS-500-7 ASTM A536 80-55-06 Impeller: Stainless steel EN 1.4301 **AISI 304** Bearing: SIC Support bearing: Graflon Installation: Maximum ambient temperature: 60 °C Maximum operating pressure: 16 bar Max pressure at stated temp: 16 bar / 90 °C 16 bar / -20 °C Type of connection: DIN Size of inlet connection: **DN 65** Size of outlet connection: **DN 65** Pressure rating for pipe connection: PN 40 Flange size for motor: FF265 Electrical data: **IEC** Motor standard: Motor type: 132SB IE Efficiency class: IE3 Rated power - P2: 7.5 kW Power (P2) required by pump: 7.5 kW Mains frequency: 50 Hz Rated voltage: 3 x 380-415D/660-690Y V

Position	Qty.	Description	
		Rated current: Starting current: Cos phi - power factor: Rated speed: Efficiency: Motor efficiency at full load: Motor efficiency at 3/4 load: Motor efficiency at 1/2 load: Number of poles: Enclosure class (IEC 34-5): Insulation class (IEC 85):	14,4-14,0/8,30-8,10 A 780-910 % 0.88-0.82 2910-2920 rpm IE3 90,1% 90.1-90.4 % 90.8 % 90.8 % 2 55 Dust/Jetting F
		Controls: Frequency converter:	NONE
		Others: Minimum efficiency index, MEI Net weight: Gross weight: Shipping volume: Country of origin: Custom tariff no.:	: 0.7 110 kg 133 kg 0.309 m ³ GB 84137075

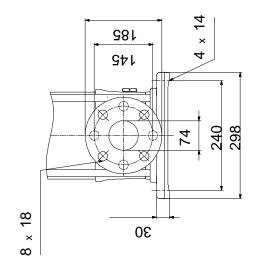


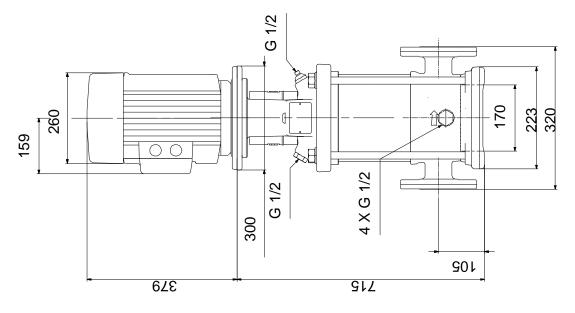
Description Value General information: CR 32-4-2 A-F-A-V-HQC Product name: CR 32-4-2 A-F-A-V-HQC Product No: 96122040 EAN number: 5700396680842 Price: 3.454,00 GBP Technical: Rated flow: Rated head: 53.1 m Stages: 4
General information: Product name: CR 32-4-2 A-F-A-V-HQC Product No: 96122040 EAN number: 5700396680842 Price: 3.454,00 GBP Technical: Rated flow: Rated head: 53.1 m
Product No: 96122040 EAN number: 5700396680842 Price: 3.454,00 GBP Technical: Rated flow: Rated head: 30 m³/h 53.1 m
Product No: 96122040 EAN number: 5700396680842 Price: 3.454,00 GBP Technical: Rated flow: Rated head: 30 m³/h 53.1 m
EAN number: 5700396680842 Price: 3.454,00 GBP Technical: Rated flow: 30 m³/h Rated head: 53.1 m
Price: 3.454,00 GBP Technical:
Technical: Rated flow: 30 m³/h Rated head: 53.1 m
Rated flow: 30 m³/h Rated head: 53.1 m
Rated head: 53.1 m
Stages. 4
Impellers: 4
Impeliers. 4
Number of reduced-diameter 2
impellers: Low NPSH: N
Pump orientation: Vertical
Shaft seal arrangement: Single
Code for shaft seal: HQQV
Approvals on nameplate: CE, EAC
Curve tolerance: ISO9906:2012 3B
Pump version: A
-
Model: B
Materials:
Base: Cast iron
EN 1563 EN-GJS-500-7
ASTM A536 80-55-06
Impeller: Stainless steel
EN 1.4301
AISI 304
Material code: A
Code for rubber:
Code for rubber: V Bearing: SIC
Bearing: SIC
Bearing: SIC Support bearing: Graflon
Bearing: SIC Support bearing: Graflon Installation:
Bearing: SIC Support bearing: Graflon Installation: Maximum ambient temperature: 60 °C
Bearing: SIC Support bearing: Graflon Installation: Maximum ambient temperature: 60 °C Maximum operating pressure: 16 bar
Bearing: SIC Support bearing: Graflon Installation: Maximum ambient temperature: 60 °C Maximum operating pressure: 16 bar Max pressure at stated temp: 16 bar / 90 °C
Bearing: SIC Support bearing: Graflon Installation: Maximum ambient temperature: 60 °C Maximum operating pressure: 16 bar Max pressure at stated temp: 16 bar / 90 °C 16 bar / -20 °C
Bearing: SIC Support bearing: Graflon Installation: Maximum ambient temperature: 60 °C Maximum operating pressure: 16 bar Max pressure at stated temp: 16 bar / 90 °C 16 bar / -20 °C Type of connection: DIN
Bearing: SIC Support bearing: Graflon Installation: Maximum ambient temperature: 60 °C Maximum operating pressure: 16 bar Max pressure at stated temp: 16 bar / 90 °C 16 bar / -20 °C Type of connection: DIN Size of inlet connection: DN 65 Size of outlet connection: DN 65
Bearing: SIC Support bearing: Graflon Installation: Maximum ambient temperature: 60 °C Maximum operating pressure: 16 bar Max pressure at stated temp: 16 bar / 90 °C 16 bar / -20 °C Type of connection: DIN Size of inlet connection: DN 65 Size of outlet connection: DN 65
Bearing: SIC Support bearing: Graflon Installation: Maximum ambient temperature: 60 °C Maximum operating pressure: 16 bar Max pressure at stated temp: 16 bar / 90 °C 16 bar / -20 °C Type of connection: DIN Size of inlet connection: DN 65 Size of outlet connection: DN 65 Pressure rating for pipe connection: PN 40
Bearing: SIC Support bearing: Graflon Installation: Maximum ambient temperature: 60 °C Maximum operating pressure: 16 bar Max pressure at stated temp: 16 bar / 90 °C 16 bar / -20 °C Type of connection: DIN Size of inlet connection: DN 65 Size of outlet connection: DN 65 Pressure rating for pipe connection: PN 40 Flange size for motor: FF265
Bearing: SIC Support bearing: Graflon Installation: Maximum ambient temperature: 60 °C Maximum operating pressure: 16 bar Max pressure at stated temp: 16 bar / 90 °C 16 bar / -20 °C Type of connection: DIN Size of inlet connection: DN 65 Size of outlet connection: DN 65 Pressure rating for pipe connection: PN 40 Flange size for motor: FF265 Connect code: F
Bearing: SIC Support bearing: Graflon Installation: Maximum ambient temperature: 60 °C Maximum operating pressure: 16 bar Max pressure at stated temp: 16 bar / 90 °C 16 bar / -20 °C Type of connection: DIN Size of inlet connection: DN 65 Size of outlet connection: DN 65 Pressure rating for pipe connection: PN 40 Flange size for motor: FF265 Connect code: F Liquid: Pumped liquid: Water
Bearing: SIC Support bearing: Graflon Installation: Maximum ambient temperature: 60 °C Maximum operating pressure: 16 bar Max pressure at stated temp: 16 bar / 90 °C 16 bar / -20 °C Type of connection: DIN Size of inlet connection: DN 65 Size of outlet connection: DN 65 Pressure rating for pipe connection: PN 40 Flange size for motor: FF265 Connect code: F Liquid: Pumped liquid: Water Liquid temperature range: -20 90 °C
Bearing: SIC Support bearing: Graflon Installation: Maximum ambient temperature: 60 °C Maximum operating pressure: 16 bar Max pressure at stated temp: 16 bar / 90 °C 16 bar / -20 °C Type of connection: DIN Size of inlet connection: DN 65 Size of outlet connection: DN 65 Pressure rating for pipe connection: PN 40 Flange size for motor: FF265 Connect code: F Liquid: Pumped liquid: Water Liquid temperature range: -20 90 °C Liquid temperature during operation: 20 °C
Bearing: SIC Support bearing: Graflon Installation: Maximum ambient temperature: 60 °C Maximum operating pressure: 16 bar Max pressure at stated temp: 16 bar / 90 °C 16 bar / -20 °C Type of connection: DIN Size of inlet connection: DN 65 Size of outlet connection: DN 65 Pressure rating for pipe connection: PN 40 Flange size for motor: FF265 Connect code: F Liquid: Pumped liquid: Water Liquid temperature range: -20 90 °C Liquid temperature during operation: 20 °C Density: 998.2 kg/m³
Bearing: SIC Support bearing: Graflon Installation: Maximum ambient temperature: 60 °C Maximum operating pressure: 16 bar Max pressure at stated temp: 16 bar / 90 °C 16 bar / -20 °C Type of connection: DIN Size of inlet connection: DN 65 Size of outlet connection: DN 65 Pressure rating for pipe connection: PN 40 Flange size for motor: FF265 Connect code: F Liquid: Pumped liquid: Water Liquid temperature range: -20 90 °C Liquid temperature during operation: 20 °C Density: 998.2 kg/m³ Electrical data:
Bearing: SIC Support bearing: Graflon Installation: Maximum ambient temperature: 60 °C Maximum operating pressure: 16 bar Max pressure at stated temp: 16 bar / 90 °C 16 bar / -20 °C Type of connection: DIN Size of inlet connection: DN 65 Size of outlet connection: DN 65 Pressure rating for pipe connection: PN 40 Flange size for motor: FF265 Connect code: F Liquid: Pumped liquid: Water Liquid temperature range: -20 90 °C Liquid temperature during operation: 20 °C Density: 998.2 kg/m³ Electrical data: Motor standard: IEC
Bearing: SIC Support bearing: Graflon Installation: Maximum ambient temperature: 60 °C Maximum operating pressure: 16 bar Max pressure at stated temp: 16 bar / 90 °C 16 bar / -20 °C Type of connection: DIN Size of inlet connection: DN 65 Size of outlet connection: DN 65 Pressure rating for pipe connection: PN 40 Flange size for motor: FF265 Connect code: F Liquid: Pumped liquid: Water Liquid temperature range: -20 90 °C Liquid temperature during operation: 20 °C Density: 998.2 kg/m³ Electrical data: Motor standard: IEC Motor type: 132SB
Bearing: SIC Support bearing: Graflon Installation: Maximum ambient temperature: 60 °C Maximum operating pressure: 16 bar Max pressure at stated temp: 16 bar / 90 °C 16 bar / -20 °C Type of connection: DIN Size of inlet connection: DN 65 Size of outlet connection: PN 40 Flange size for motor: FF265 Connect code: F Liquid: Pumped liquid: Water Liquid temperature range: -20 90 °C Liquid temperature during operation: 20 °C Density: 998.2 kg/m³ Electrical data: Motor standard: IEC Motor type: 132SB IE Efficiency class: IE3
Bearing: SIC Support bearing: Graflon Installation: Maximum ambient temperature: 60 °C Maximum operating pressure: 16 bar Max pressure at stated temp: 16 bar / 90 °C 16 bar / -20 °C Type of connection: DIN Size of inlet connection: DN 65 Size of outlet connection: PN 40 Flange size for motor: FF265 Connect code: F Liquid: Pumped liquid: Water Liquid temperature range: -20 90 °C Liquid temperature during operation: 20 °C Density: 998.2 kg/m³ Electrical data: Motor standard: IEC Motor type: 132SB IE Efficiency class: IE3 Rated power - P2: 7.5 kW
Bearing: SIC Support bearing: Graflon Installation: Maximum ambient temperature: 60 °C Maximum operating pressure: 16 bar Max pressure at stated temp: 16 bar / 90 °C 16 bar / -20 °C Type of connection: DIN Size of inlet connection: DN 65 Size of outlet connection: DN 65 Pressure rating for pipe connection: PN 40 Flange size for motor: FF265 Connect code: F Liquid: Pumped liquid: Water Liquid temperature range: -20 90 °C Liquid temperature during operation: 20 °C Density: 998.2 kg/m³ Electrical data: Motor standard: IEC Motor type: 132SB IE Efficiency class: IE3 Rated power - P2: 7.5 kW Power (P2) required by pump: 7.5 kW
Bearing: SIC Support bearing: Graflon Installation: Maximum ambient temperature: 60 °C Maximum operating pressure: 16 bar Max pressure at stated temp: 16 bar / 90 °C 16 bar / -20 °C Type of connection: DIN Size of inlet connection: DN 65 Size of outlet connection: PN 40 Flange size for motor: FF265 Connect code: F Liquid: Pumped liquid: Water Liquid temperature range: -20 90 °C Liquid temperature during operation: 20 °C Density: 998.2 kg/m³ Electrical data: Motor standard: IEC Motor type: 132SB IE Efficiency class: IE3 Rated power - P2: 7.5 kW Mains frequency: 50 Hz
Bearing: SIC Support bearing: Graflon Installation: Maximum ambient temperature: 60 °C Maximum operating pressure: 16 bar Max pressure at stated temp: 16 bar / 90 °C 16 bar / -20 °C Type of connection: DIN Size of inlet connection: DN 65 Size of outlet connection: PN 40 Flange size for motor: FF265 Connect code: F Liquid: Pumped liquid: Water Liquid temperature range: -20 90 °C Liquid temperature during operation: 20 °C Density: 998.2 kg/m³ Electrical data: Motor standard: IEC Motor type: 132SB IE Efficiency class: IE3 Rated power - P2: 7.5 kW Mains frequency: 50 Hz Rated voltage: 3 x 380-415D/660-690Y
Bearing: SIC Support bearing: Graflon Installation: Maximum ambient temperature: 60 °C Maximum operating pressure: 16 bar Max pressure at stated temp: 16 bar / 90 °C 16 bar / -20 °C Type of connection: DIN Size of inlet connection: DN 65 Size of outlet connection: DN 65 Pressure rating for pipe connection: PN 40 Flange size for motor: FF265 Connect code: F Liquid: Pumped liquid: Water Liquid temperature range: -20 90 °C Liquid temperature during operation: 20 °C Density: 998.2 kg/m³ Electrical data: Motor standard: IEC Motor type: 132SB IE Efficiency class: IE3 Rated power - P2: 7.5 kW Mains frequency: 50 Hz Rated voltage: 3 x 380-415D/660-690Y Rated current: 14,4-14,0/8,30-8,10 A
Bearing: SIC Support bearing: Graflon Installation: Maximum ambient temperature: 60 °C Maximum operating pressure: 16 bar Max pressure at stated temp: 16 bar / 90 °C 16 bar / -20 °C Type of connection: DIN Size of inlet connection: DN 65 Size of outlet connection: DN 65 Pressure rating for pipe connection: PN 40 Flange size for motor: FF265 Connect code: F Liquid: Pumped liquid: Water Liquid temperature range: -20 90 °C Liquid temperature during operation: 20 °C Density: 998.2 kg/m³ Electrical data: Motor standard: IEC Motor type: 132SB IE Efficiency class: IE3 Rated power - P2: 7.5 kW Power (P2) required by pump: 7.5 kW Mains frequency: 50 Hz Rated voltage: 3 x 380-415D/660-690Y Rated current: 14,4-14,0/8,30-8,10 A Starting current: 780-910 %
Bearing: SIC Support bearing: Graflon Installation: Maximum ambient temperature: 60 °C Maximum operating pressure: 16 bar Max pressure at stated temp: 16 bar / 90 °C 16 bar / -20 °C Type of connection: DIN Size of inlet connection: DN 65 Size of outlet connection: DN 65 Pressure rating for pipe connection: PN 40 Flange size for motor: FF265 Connect code: F Liquid: Pumped liquid: Water Liquid temperature range: -20 90 °C Liquid temperature during operation: 20 °C Density: 998.2 kg/m³ Electrical data: Motor standard: IEC Motor type: 132SB IE Efficiency class: IE3 Rated power - P2: 7.5 kW Power (P2) required by pump: 7.5 kW Mains frequency: 50 Hz Rated voltage: 3 x 380-415D/660-690Y Rated current: 14,4-14,0/8,30-8,10 A Starting current: 780-910 % Cos phi - power factor: 0.88-0.82
Bearing: SIC Support bearing: Graflon Installation: Maximum ambient temperature: 60 °C Maximum operating pressure: 16 bar Max pressure at stated temp: 16 bar / 90 °C 16 bar / -20 °C Type of connection: DIN Size of inlet connection: DN 65 Size of outlet connection: DN 65 Pressure rating for pipe connection: PN 40 Flange size for motor: FF265 Connect code: F Liquid: Pumped liquid: Water Liquid temperature range: -20 90 °C Liquid temperature during operation: 20 °C Density: 998.2 kg/m³ Electrical data: Motor standard: IEC Motor type: 132SB IE Efficiency class: IE3 Rated power - P2: 7.5 kW Mains frequency: 50 Hz Rated voltage: 3 x 380-415D/660-690Y Rated current: 14,4-14,0/8,30-8,10 A Starting current: 780-910 % Cos phi - power factor: 0.88-0.82 Rated speed: 2910-2920 rpm
Bearing: Graflon Installation: Maximum ambient temperature: 60 °C Maximum operating pressure: 16 bar Max pressure at stated temp: 16 bar / 90 °C Type of connection: DIN Size of inlet connection: DN 65 Size of outlet connection: PN 40 Flange size for motor: FF265 Connect code: F Liquid: Pumped liquid: Water Liquid temperature range: -20 90 °C Liquid temperature during operation: 20 °C Density: 998.2 kg/m³ Electrical data: Motor standard: IEC Motor type: 132SB IE Efficiency class: IE3 Rated power - P2: 7.5 kW Power (P2) required by pump: 7.5 kW Mains frequency: 50 Hz Rated voltage: 3 x 380-415D/660-690Y Rated current: 780-910 % Cos phi - power factor: 0.88-0.82 Rated speed: 2910-2920 rpm Efficiency: IE3 90,1%
Bearing: Graflon Installation: Maximum ambient temperature: 60 °C Maximum operating pressure: 16 bar Max pressure at stated temp: 16 bar / 90 °C Type of connection: DIN Size of inlet connection: DN 65 Size of outlet connection: PN 40 Flange size for motor: FF265 Connect code: F Liquid: Pumped liquid: Water Liquid temperature range: -20 90 °C Liquid temperature during operation: 20 °C Density: 998.2 kg/m³ Electrical data: Motor standard: IEC Motor type: 132SB IE Efficiency class: IE3 Rated power - P2: 7.5 kW Power (P2) required by pump: 7.5 kW Mains frequency: 50 Hz Rated voltage: 3 x 380-415D/660-690Y Rated current: 780-910 % Cos phi - power factor: 0.88-0.82 Rated speed: 2910-2920 rpm Efficiency: IE3 90,1% Motor efficiency at full load: 90.1-90.4 %
Bearing: SIC Support bearing: Graflon Installation: Maximum ambient temperature: 60 °C Maximum operating pressure: 16 bar Max pressure at stated temp: 16 bar / 90 °C
Bearing: Graflon Installation: Maximum ambient temperature: 60 °C Maximum operating pressure: 16 bar Max pressure at stated temp: 16 bar / 90 °C Type of connection: DIN Size of inlet connection: DN 65 Size of outlet connection: PN 40 Flange size for motor: FF265 Connect code: F Liquid: Pumped liquid: Water Liquid temperature range: -20 90 °C Liquid temperature during operation: 20 °C Density: 998.2 kg/m³ Electrical data: Motor standard: IEC Motor type: 132SB IE Efficiency class: IE3 Rated power - P2: 7.5 kW Power (P2) required by pump: 7.5 kW Mains frequency: 50 Hz Rated voltage: 3 x 380-415D/660-690Y Rated current: 780-910 % Cos phi - power factor: 0.88-0.82 Rated speed: 2910-2920 rpm Efficiency: IE3 90,1% Motor efficiency at full load: 90.1-90.4 %



Description	Value
Enclosure class (IEC 34-5):	55 Dust/Jetting
Insulation class (IEC 85):	F
Motor protec:	PTC
Motor No:	85U17522
Controls:	
Frequency converter:	NONE
Others:	
Minimum efficiency index, MEI:	0.7
Net weight:	110 kg
Gross weight:	133 kg
Shipping volume:	0.309 m³
Country of origin:	GB
Custom tariff no.:	84137075

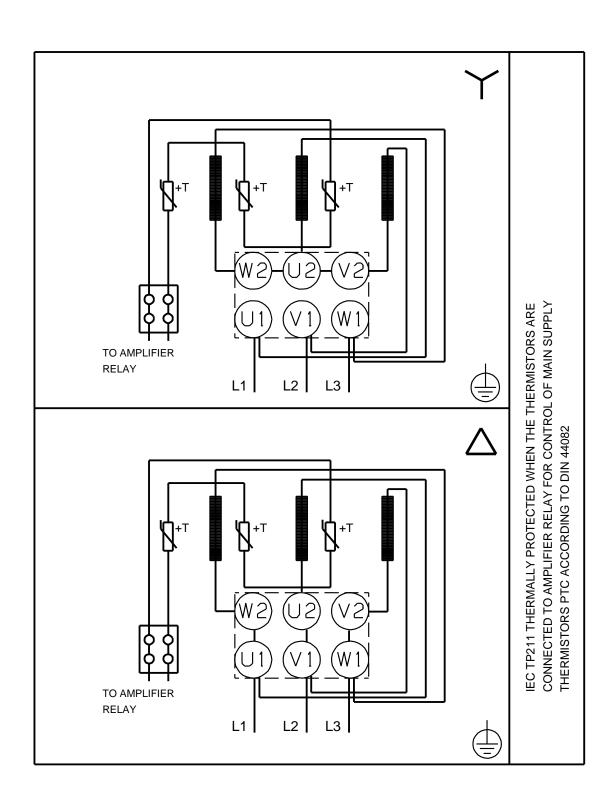
96122040 CR 32-4-2 A-F-A-V-HQQV 50 Hz





Note! All units are in [mm] unless others are stated. Disclaimer: This simplified dimensional drawing does not show all details.

96122040 CR 32-4-2 A-F-A-V-HQQV 50 Hz



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