

| | | | | | |
|-----------------|-------|------------------|-------|-----------|-------|
| PROJECT: | _____ | UNIT TAG: | _____ | QUANTITY: | _____ |
| | _____ | TYPE OF SERVICE: | _____ | | _____ |
| REPRESENTATIVE: | _____ | SUBMITTED BY: | _____ | DATE: | _____ |
| ENGINEER: | _____ | APPROVED BY: | _____ | DATE: | _____ |
| CONTRACTOR: | _____ | ORDER NO.: | _____ | DATE: | _____ |

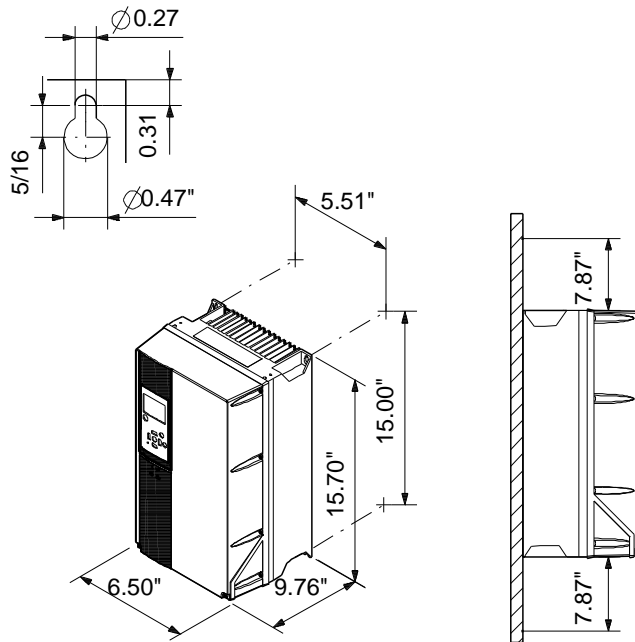



CUE 3X380-500V IP20 15KW

CUE

Product photo could vary from the actual product

| Conditions of Service | Pump Data | Motor Data |
|-------------------------|-------------------------------------|--|
| Flow: _____ | Maximum ambient temperature: 113 °F | Rated voltage: 380 - 440 / 441 - 500 V |
| Head: _____ | Approvals: CE, CULUS, C-TICK | Main frequency: 50 / 60 Hz |
| Efficiency: _____ | Product number: 99616717 | Enclosure class: IP20 |
| Liquid: _____ | | Motor protection: YES |
| Temperature: _____ | | Thermal protection: external |
| NPSH required: _____ | | |
| Viscosity: _____ | | |
| Specific Gravity: _____ | | |



| Count | Description |
|-------|--|
| 1 | <p>CUE 3X380-500V IP20 15KW</p>  <p>Product photo could vary from the actual product</p> <p>Product No.: 99616717</p> <p>CUE is a complete range of external frequency converters designed for speed control of a wide range of Grundfos pumps. CUE has a built-in PI controller and offers the same functionality and user-interface as Grundfos E-pumps. CUE solutions can thus be seen as an extension to the E-pump range.</p> <p>By choosing a CUE-solution, you will get the following benefits:</p> <ul style="list-style-type: none"> - Grundfos E-pump functionality and user-interface - application- and pump-family-related functions - increased comfort compared to fixed-speed pumps - very easy installation and commissioning compared to standard frequency converters - speed control of pumps up to 250 kW - speed control of pumps installed in potentially explosive environments. <p>CUE offers the following inputs and output:</p> <ul style="list-style-type: none"> - RS-485 GENibus - an analog 0-10 V input for external setpoint - an analog 0/4-20 mA input for sensor - four digital inputs for various functions, for instance external start/stop - two signal relays (C/NO/NC). <p>Accessories:</p> <p>Input/output add-on board</p> <p>Provides additional input:</p> <ul style="list-style-type: none"> - one 0/4-20 mA analog input for an additional sensor - one 0-20 mA analog output - two inputs for Pt100/Pt1000 temperature sensors, for instance for bearing monitoring. <p>Motor filters:</p> <p>For reduction of dU/dt and peak voltages to the motor windings and for reduction of the acoustic noise generated in the motor, a number of motor filters are offered:</p> <ul style="list-style-type: none"> - dU/dt filters , 11-250 kW - Sine wave filters, 0.55-250 kW. <p>Technical:</p> <p>Approvals on nameplate: CE, CULUS, C-TICK</p> |



Company name:

Created by:

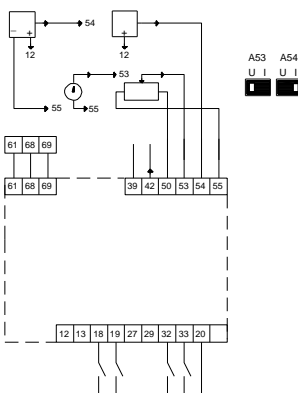
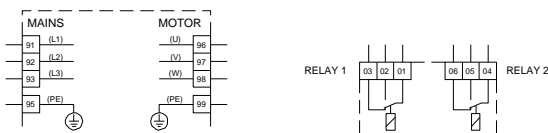
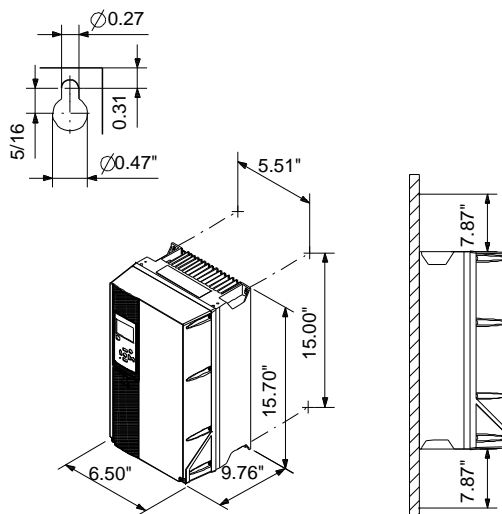
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5/26/2020

| Count | Description |
|-------|--|
| | Installation: Range of ambient temperature: 32 .. 113 °F Relative humidity: 5-95 % Electrical data: Rated power - P2: 20 HP Main frequency: 50 / 60 Hz Rated voltage: 3 x 380 - 440 / 441 - 500 V Rated current: 32-27 A Maximum current consumption: 32 A Efficiency at full load: 98 % Enclosure class (IEC 34-5): IP20 Others: Net weight: 26.5 lb |

| Description | Value |
|-------------------------------|-----------------------------|
| General information: | |
| Product name: | CUE 3X380-500V IP20 15KW |
| Product No.: | 99616717 |
| EAN: | 5713831974222 |
| | 5713831974222 |
| Technical: | |
| Approvals on nameplate: | CE, CULUS, C-TICK |
| Installation: | |
| Range of ambient temperature: | 32 .. 113 °F |
| Relative humidity: | 5-95 % |
| Mounted on: | Wall |
| Electrical data: | |
| Rated power - P2: | 20 HP |
| Main frequency: | 50 / 60 Hz |
| Rated voltage: | 3 x 380 - 440 / 441 - 500 V |
| Rated current: | 32-27 A |
| Maximum current consumption: | 32 A |
| Efficiency at full load: | 98 % |
| Enclosure class (IEC 34-5): | IP20 |
| Motor protection: | YES |
| Thermal protec: | external |
| Cable length: | 150/300 m |
| Others: | |
| Net weight: | 26.5 lb |

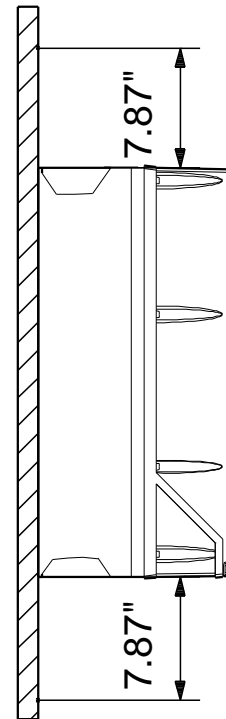
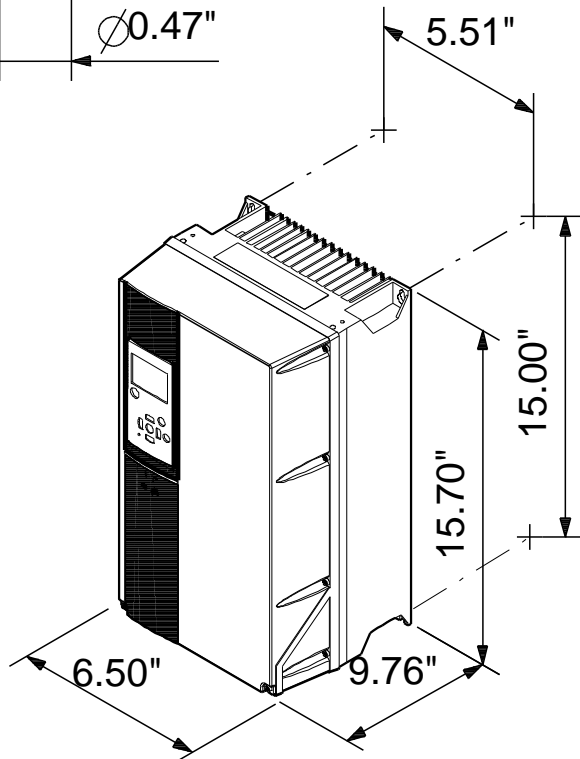
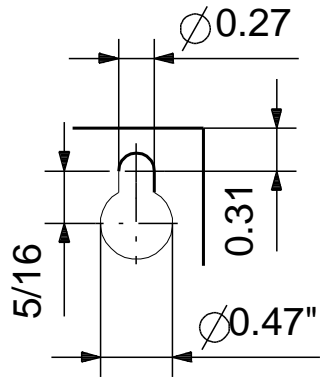




Company name:
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99616717 CUE 3X380-500V IP20 15KW



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



Company name:

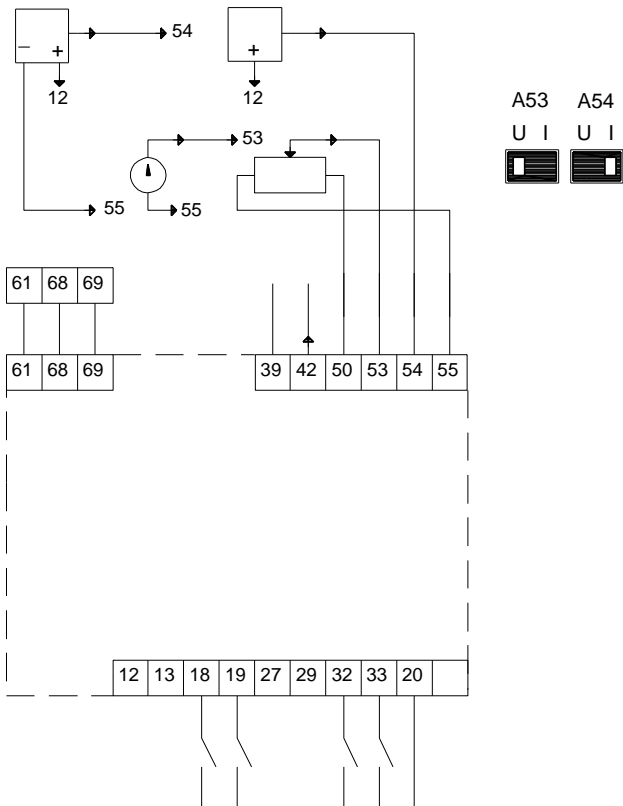
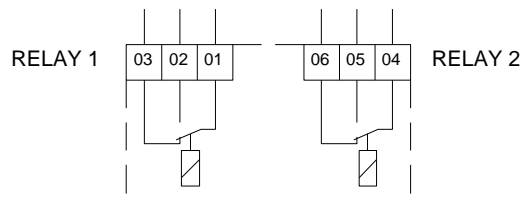
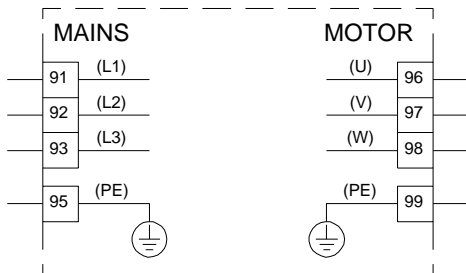
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All units are [in] unless otherwise presented.