

Submittal Data

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



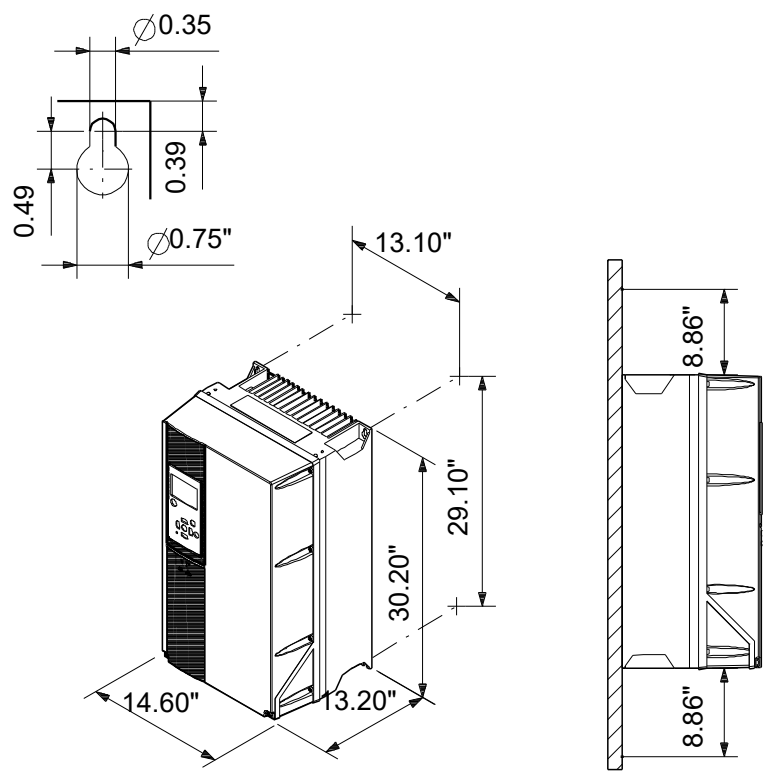
CUE 3X200-240V IP55 45KW DC

CUE

Note! Product picture may differ from actual product

Conditions of Service	Pump Data	Motor Data
	<div>Maximum ambient temperature: 113 °F</div> <div>Approvals: CE, CULUS, C-TICK</div> <div>Product number: 99616706</div>	<div>Mains frequency: 50 / 60 Hz</div> <div>Enclosure class: IP55</div> <div>Motor protection: YES</div> <div>Thermal protection: External</div>

Submittal Data



Materials:

## Qty. Description

1 CUE 3X200-240V IP55 45KW DC



Note! Product picture may differ from actual product

Product No.: [99616706](#)

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.

By choosing a CUE-solution, you will get the following benefits:

- 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.

CUE offers the following inputs and output:

- 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).

Accessories:

Input/output add-on board

Provides additional input:

- 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.

Motor filters:

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:

- dU/dt filters, 11-250 kW
- Sine wave filters, 0.55-250 kW.

Technical:

Approvals: CE, CULUS, C-TICK

Installation:

Range of ambient temperature: 32 .. 113 °F

Relative humidity: 5-95 %

Electrical data:

Rated power - P2: 60 HP

Mains frequency: 50 / 60 Hz

Rated voltage: 3 x 200-240 V

Rated current: 170 A

Maximum current consumption: 170 A

Efficiency at full load: 97 %



Company name:

Created by:

Phone:

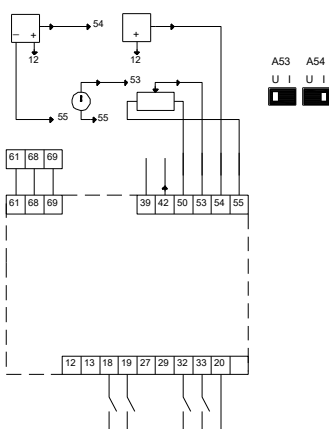
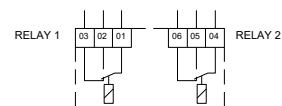
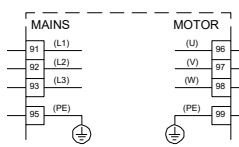
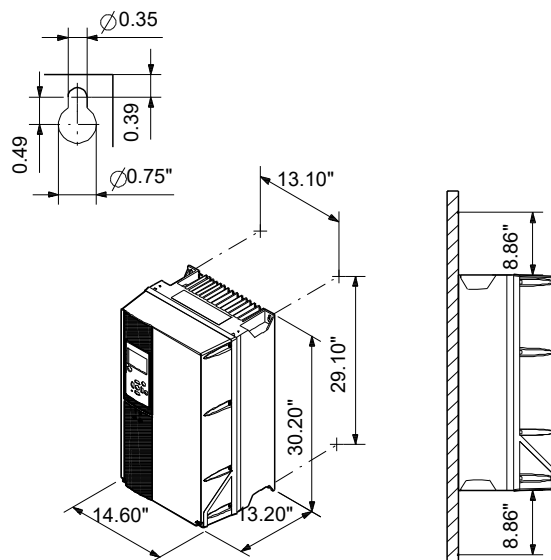
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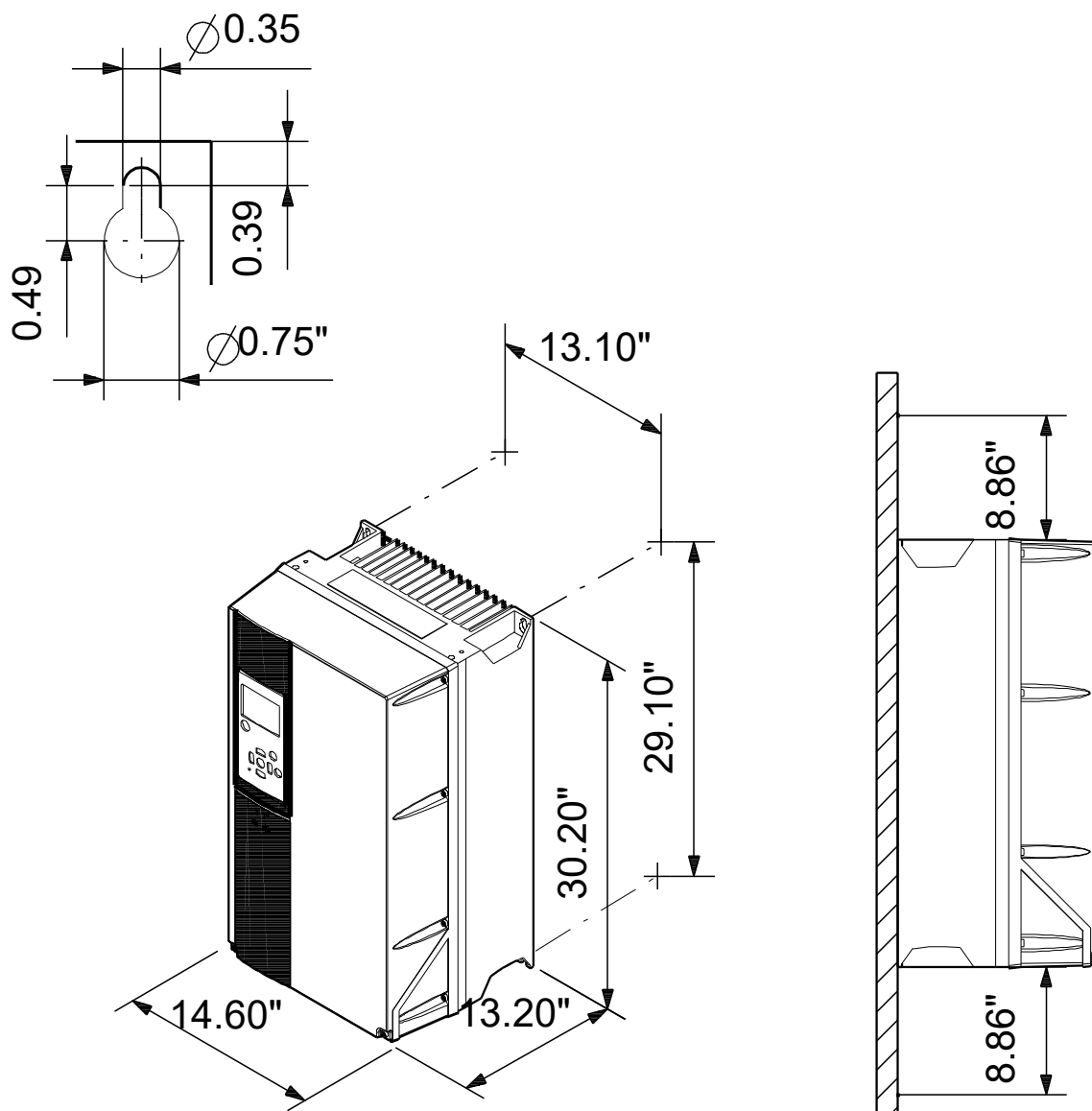
Qty.	Description
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1	Enclosure class (IEC 34-5): IP55
	Others:
	Net weight: 136 lb
	Gross weight: 137 lb
	Country of origin: US
	Custom tariff no.: 8504.40.4000

Description	Value
<b>General information:</b>	
Product name:	CUE 3X200-240V IP55 45KW DC
Product No:	99616706
EAN number:	5713831974116
<b>Technical:</b>	
Approvals:	CE, CULUS, C-TICK
<b>Installation:</b>	
Range of ambient temperature:	32 .. 113 °F
Relative humidity:	5-95 %
Mounted on:	WALL
<b>Electrical data:</b>	
Rated power - P2:	60 HP
Mains frequency:	50 / 60 Hz
Rated voltage:	3 x 200-240 V
Rated current:	170 A
Maximum current consumption:	170 A
Efficiency at full load:	97 %
Enclosure class (IEC 34-5):	IP55
Built-in motor protection:	YES
Thermal protec:	External
Cable length:	150/300 m
<b>Others:</b>	
Net weight:	136 lb
Gross weight:	137 lb
Sales region:	Namreg
Country of origin:	US
Custom tariff no.:	8504.40.4000



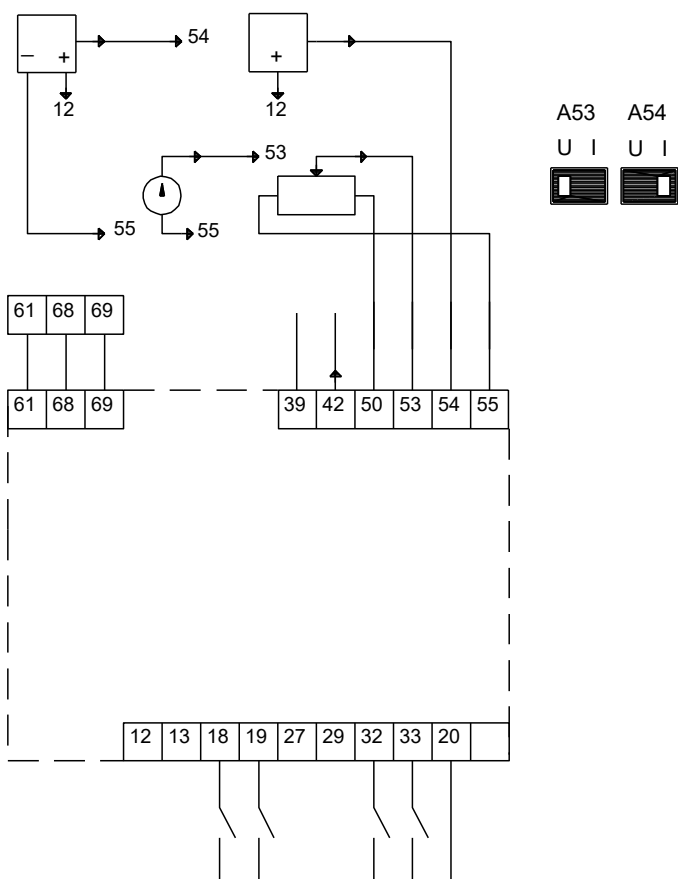
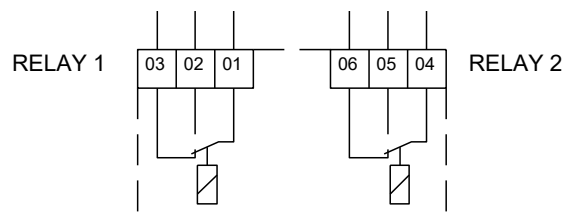
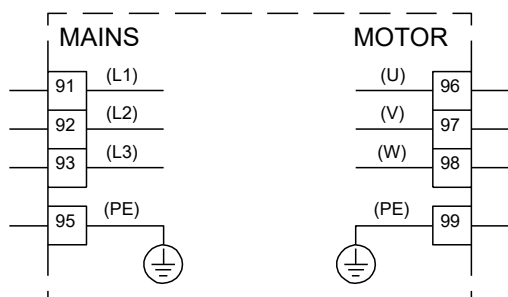
## 99616706 CUE 3X200-240V IP55 45KW DC



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

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

## 99616706 CUE 3X200-240V IP55 45KW DC



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