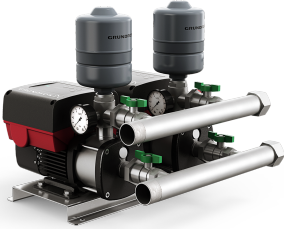


PROJECT: _____	UNIT TAG: _____	QUANTITY: _____
REPRESENTATIVE: _____	TYPE OF SERVICE: _____	DATE: _____
ENGINEER: _____	SUBMITTED BY: _____	DATE: _____
CONTRACTOR: _____	APPROVED BY: _____	DATE: _____
	ORDER NO.: _____	DATE: _____

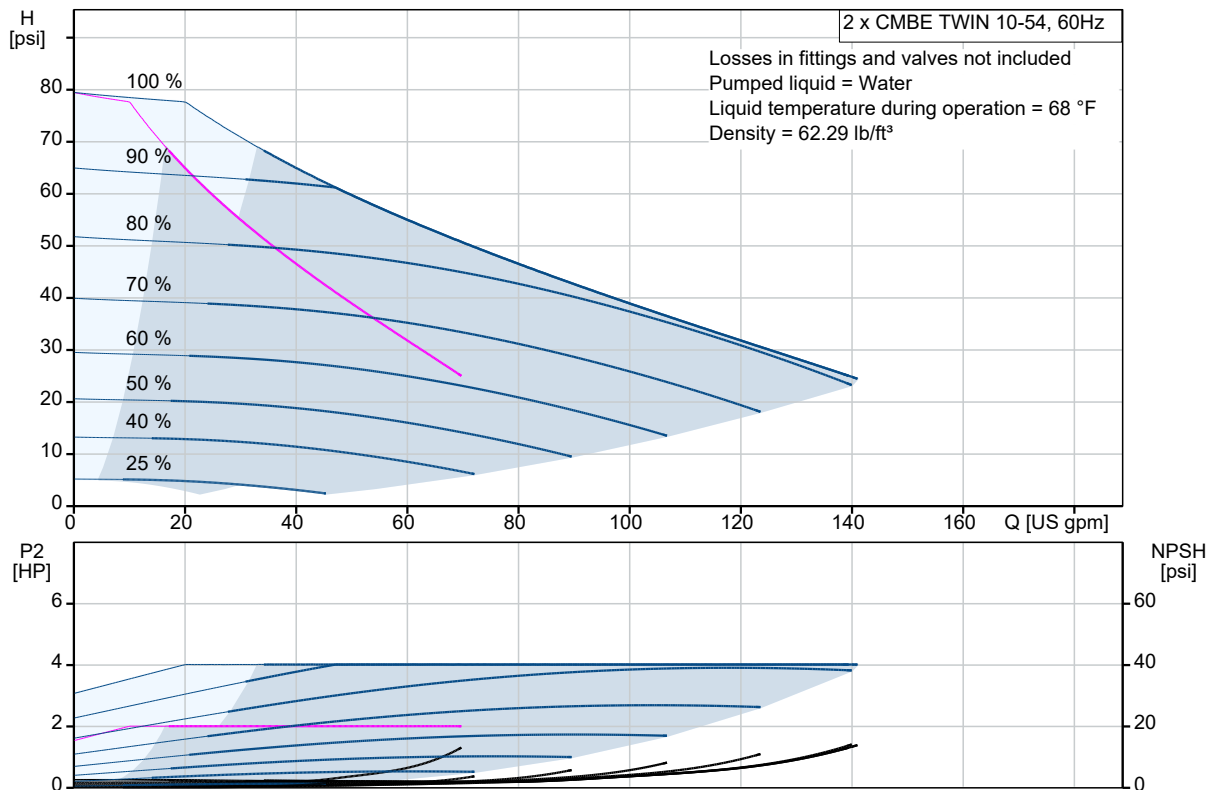


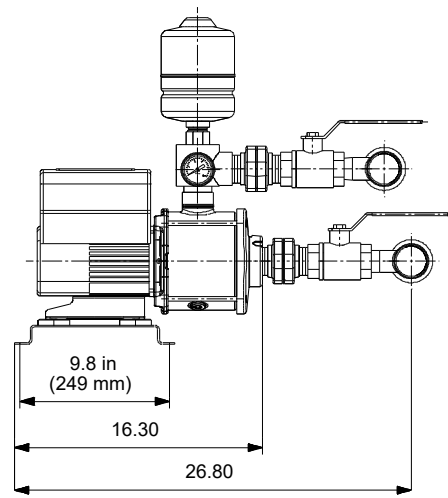
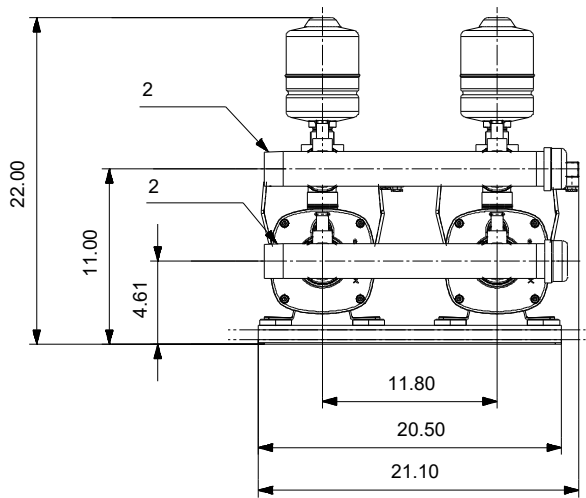
CMBE TWIN 10-54 I-U-C-B-D-H

The CMBE TWIN booster systems consist of two to four Grundfos CMBE booster connected in parallel, designed for the transfer and pressure boosting of clean water.

Product photo could vary from the actual product

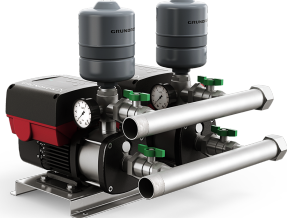
Conditions of Service	Pump Data	Motor Data
Efficiency: _____	Liquid temperature range: 32 .. 140 °F	Rated power - P2: 2 HP
Liquid: Water	Maximum ambient temperature: 104 °F	Rated voltage: 200-240 V
Temperature: 68 °F	Shaft seal: AQQE	Main frequency: 60 Hz
NPSH required: psi	Flange standard: INTERNAL NPT THREAD	Insulation class: F
Specific Gravity: 1.000	Product number: 99503875	





Materials:

- Pump housing: Stainless steel
- Pump housing: EN 1.4301
- Pump housing: AISI 304
- Impeller: Stainless steel
- Impeller: DIN W.-Nr. 1.4301
- Impeller: AISI 304
- Rubber: EPDM

Count	Description
1	<p data-bbox="298 415 646 443">CMBE TWIN 10-54 I-U-C-B-D-H</p> <div data-bbox="349 451 633 667">  </div> <p data-bbox="685 669 1125 695">Product photo could vary from the actual product</p> <p data-bbox="298 701 558 726">Product No.: 99503875</p> <p data-bbox="298 760 1382 812">The Grundfos CMBE TWIN Booster is a compact two-booster system for water supply in domestic and commercial applications.</p> <p data-bbox="298 819 1344 869">The integrated speed controller allows the CMBE Booster to maintain constant pressure in the pipe system.</p> <p data-bbox="298 875 1333 926">A pressure sensor monitoring changes in the water consumption will signal the speed controller to change the motor speed.</p> <p data-bbox="298 932 1357 1014">This way performance is adjusted according to the new state, thus running in cascade multi pump. The cascade control ensures that the performance of the CMBE Booster is automatically adapted to consumption by switching pumps on or off and by changing the speed of the pumps in operation.</p> <p data-bbox="298 1020 1216 1050">The system thus runs as energy-efficiently as possible with a limited number of pumps.</p> <p data-bbox="298 1056 808 1085">The CMBE-TWIN Booster is very easy to install.</p> <p data-bbox="298 1092 500 1121">It has UL approval.</p> <p data-bbox="298 1142 769 1197">The CME Booster consists of 2 units of CMBE Booster which each include</p> <ul data-bbox="298 1203 834 1314" style="list-style-type: none"> • 5-way valve expansion tank pressure gauge Pressure sensor <p data-bbox="298 1377 394 1402">Features</p> <ul data-bbox="298 1409 993 1642" style="list-style-type: none"> • Cascade multi pump operation Automatic pump alternation Constant pressure control Pipe filling Compact design Robust, stainless steel Easy installation (Plug & Pump) Dry run protection <p data-bbox="298 1675 428 1701">Applications</p> <ul data-bbox="298 1707 870 1850" style="list-style-type: none"> • Apartment buildings Schools Small hotels Office buildings Agriculture



Company name:

Created by:

Phone:

Date:

3/4/2021

Count	Description
	<p>Thermal protection CME Booster pumps require no external motor protection. The MGE motor incorporates thermal protection against slow overloading and blocking (IEC 34.11: TP211).</p> <p>NB: Suction lift: Max. 1 m, including suction-pipepressure loss at a liquid temperature of +20 °C. (not self-priming)</p> <p>Liquid: Pumped liquid: Water Liquid temperature range: 32 .. 140 °F Selected liquid temperature: 68 °F Density: 62.29 lb/ft³</p> <p>Technical: Pump speed on which pump data is based: 3868 rpm Primary shaft seal: AQQE Approvals and markings: CULUS Curve tolerance: ISO9906:2012 3B Start pressure: Integrated Frequency converter Main pump type: CMBE 10-54 Main pump product number: 99503806</p> <p>Materials: Pump housing: Stainless steel EN 1.4301 AISI 304 Impeller: Stainless steel DIN W.-Nr. 1.4301 AISI 304 Rubber: EPDM</p> <p>Installation: Maximum ambient temperature: 104 °F Flange standard: INTERNAL NPT THREAD Pump inlet: NPT2 Pump outlet: NPT2</p> <p>Electrical data: Rated power - P2: 2 HP Main frequency: 60 Hz Rated voltage: 1 x 200-240 V Insulation class (IEC 85): F Type of cable plug: FUSE Mains cable: 4.92 ft</p> <p>Tank: Tank volume: 4 l</p> <p>Others:</p>



Company name:
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Phone:

Date: 3/4/2021

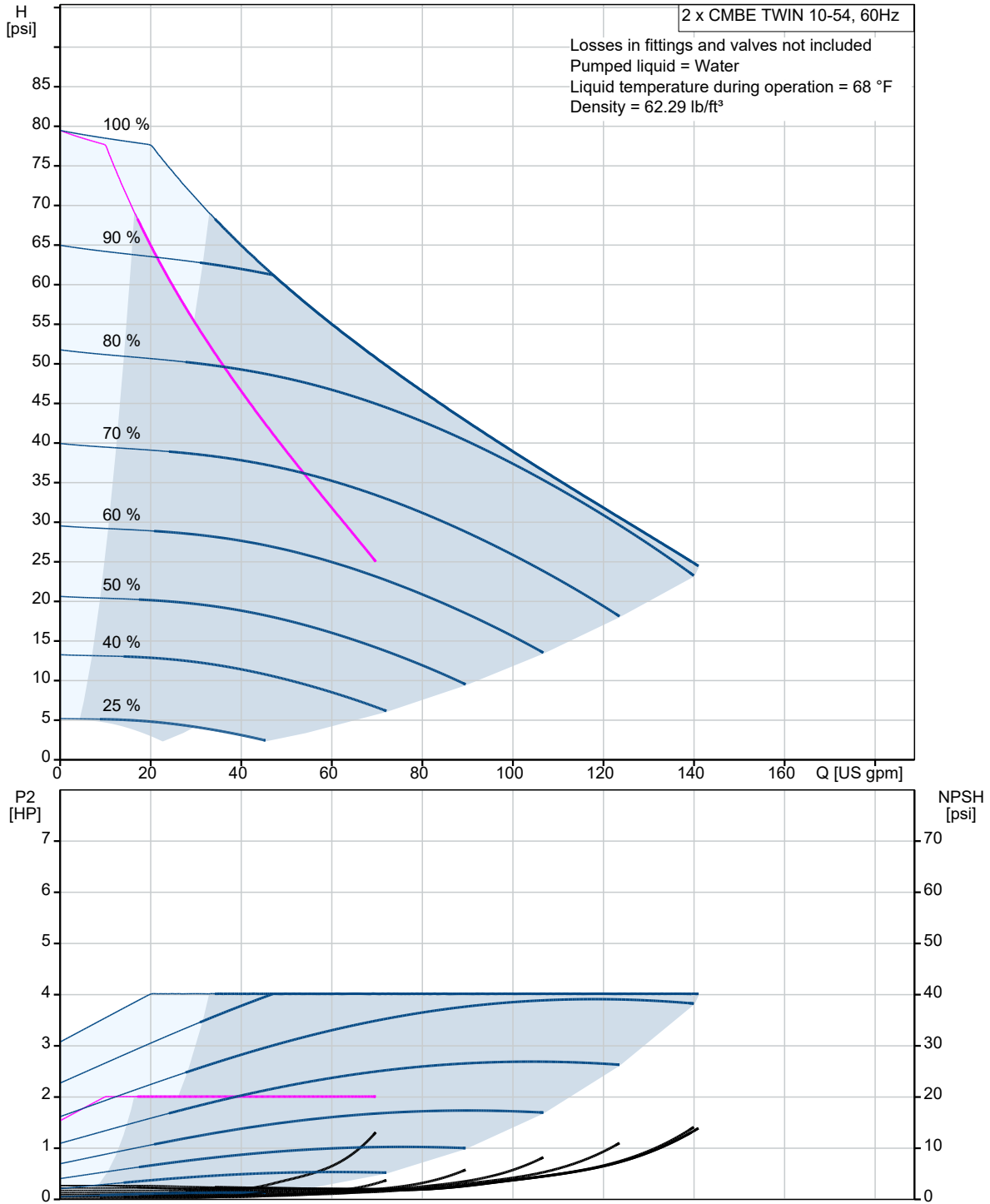
Count	Description
	Net weight: 180 lb Gross weight: 288 lb Country of origin: US Custom tariff no.: 8413.70.2040



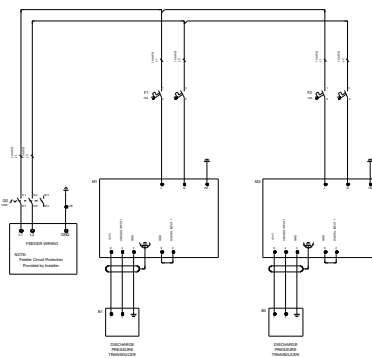
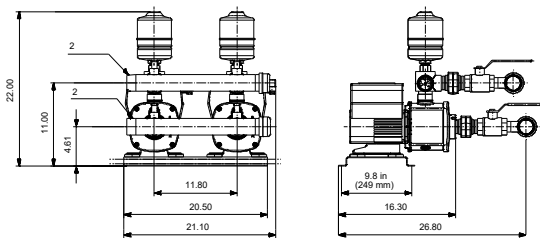
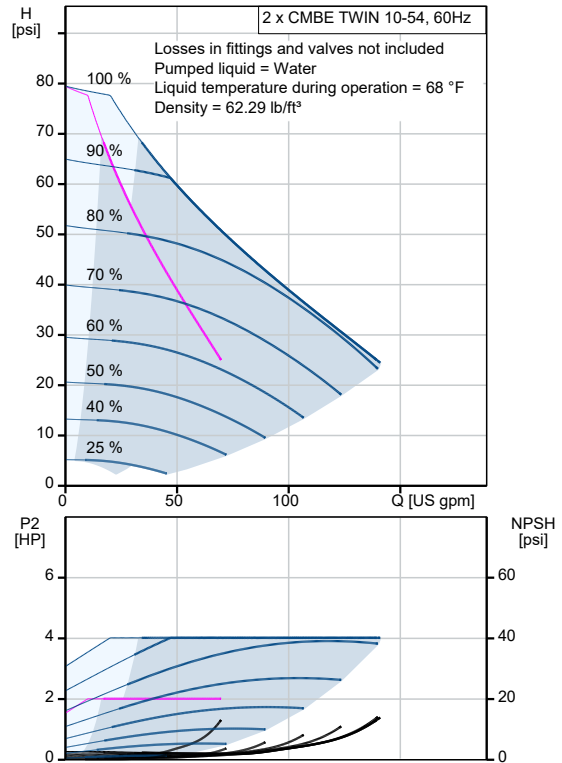
Company name:
Created by:
Phone:

Date: 3/4/2021

99503875 CMBE TWIN 10-54 I-U-C-B-D-H 60 Hz



Description	Value
General information:	
Product name:	CMBE TWIN 10-54 I-U-C-B-D-H
Product No.:	99503875
EAN:	5713830163740
Price:	\$ 11685
Technical:	
Pump speed on which pump data is based:	3868 rpm
Impellers:	2
Primary shaft seal:	AQQE
Approvals and markings:	CULUS
Curve tolerance:	ISO9906:2012 3B
Number of pumps:	2
Model:	A
Start pressure:	Integrated Frequency converter
Main pump type:	CMBE 10-54
Main pump product number:	99503806
Materials:	
Pump housing:	Stainless steel
Pump housing:	EN 1.4301
Pump housing:	AISI 304
Impeller:	Stainless steel
Impeller:	DIN W.-Nr. 1.4301
Impeller:	AISI 304
Rubber:	EPDM
Installation:	
Maximum ambient temperature:	104 °F
Flange standard:	INTERNAL NPT THREAD
Pump inlet:	NPT2
Pump outlet:	NPT2
Liquid:	
Pumped liquid:	Water
Liquid temperature range:	32 .. 140 °F
Selected liquid temperature:	68 °F
Density:	62.29 lb/ft ³
Electrical data:	
Rated power - P2:	2 HP
Main frequency:	60 Hz
Rated voltage:	1 x 200-240 V
p max system:	145.04 psi
Insulation class (IEC 85):	F
Type of cable plug:	FUSE
Mains cable:	4.92 ft
Tank:	
Tank volume:	4 l
Others:	





Company name:
Created by:
Phone:

Date: 3/4/2021

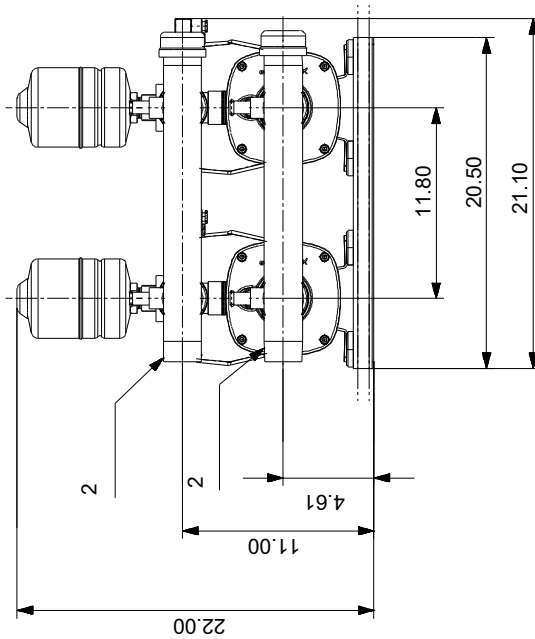
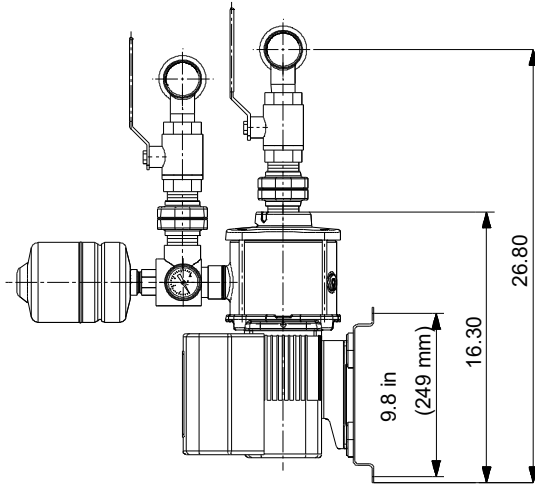
Description	Value
Net weight:	180 lb
Gross weight:	288 lb
Sales region:	Namreg
Config. file no:	99443209
Country of origin:	US
Custom tariff no.:	8413.70.2040



Company name:
Created by:
Phone:

Date: 3/4/2021

99503875 CMBE TWIN 10-54 I-U-C-B-D-H 60 Hz



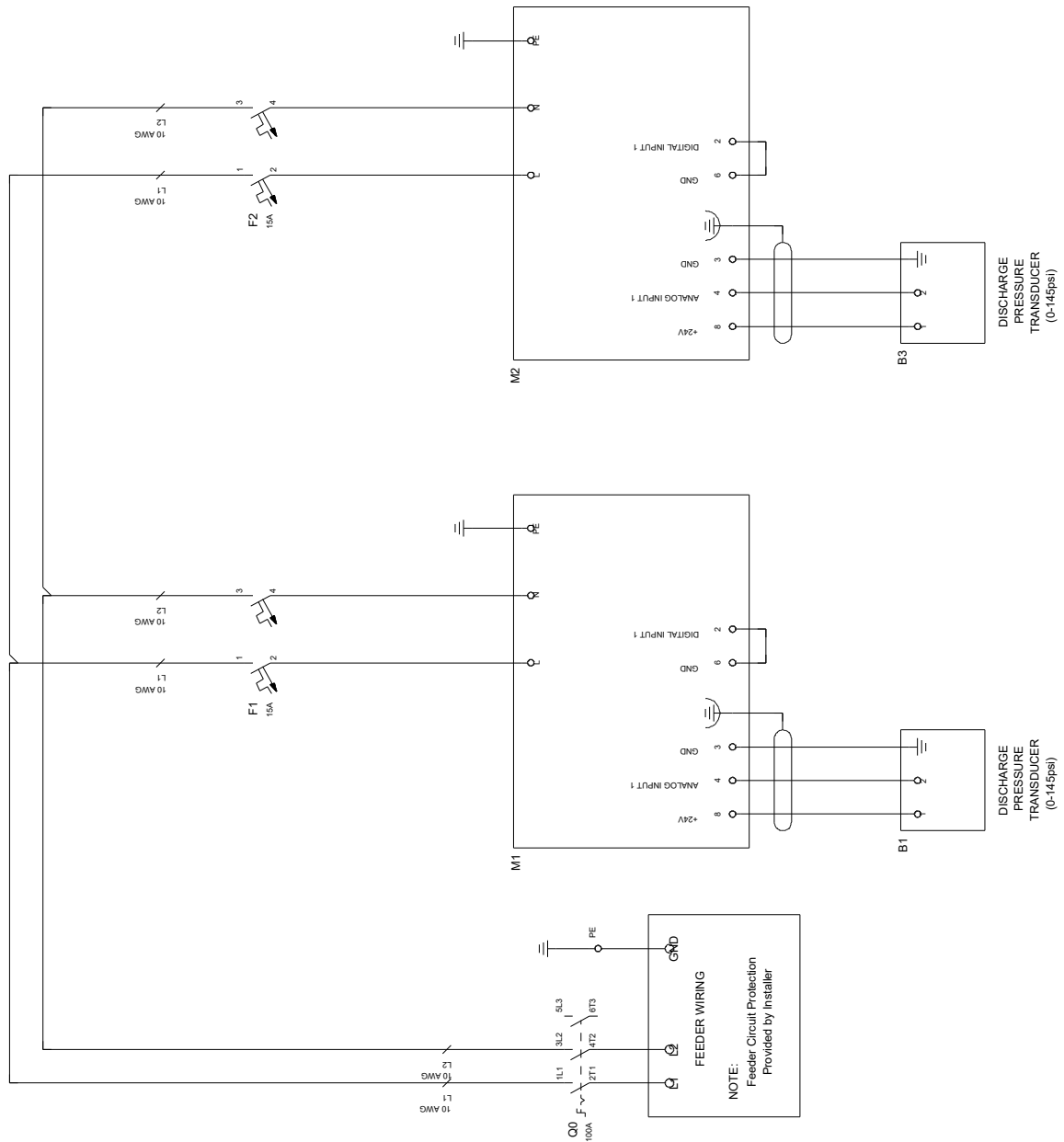
Note! All units are in [in] unless otherwise stated.
Disclaimer: This simplified dimensional drawing does not show all details.



Company name:
Created by:
Phone:

Date: 3/4/2021

99503875 CMBE TWIN 10-54 I-U-C-B-D-H 60 Hz



All units are [in] unless otherwise presented.