

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

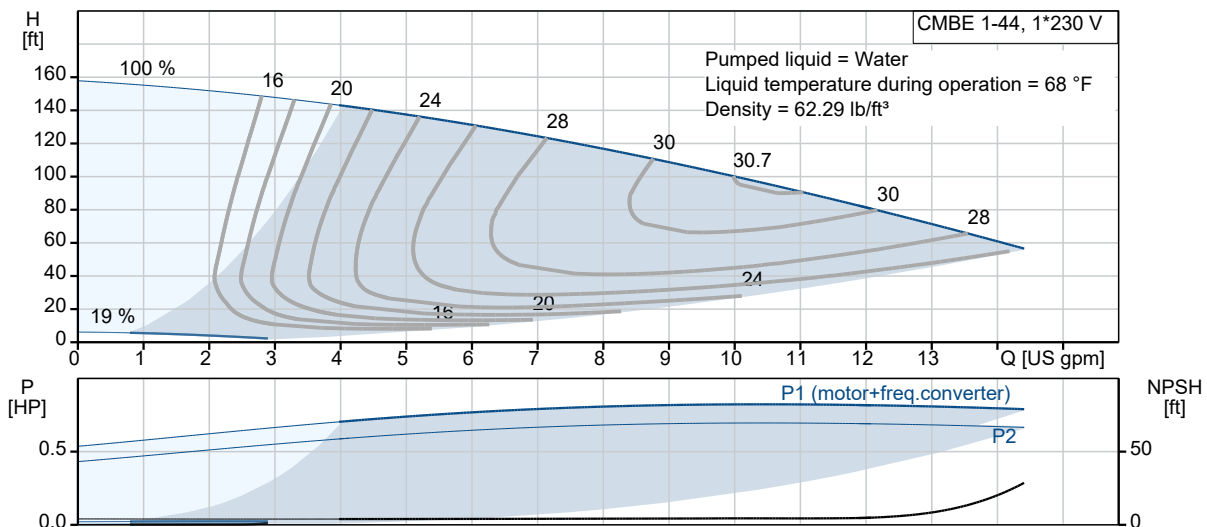


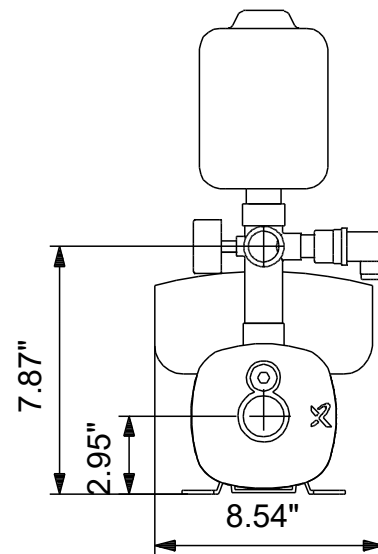
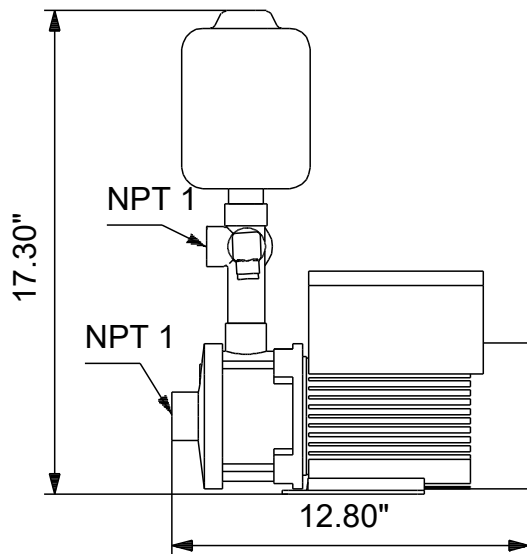
CMBE 1-44 I-U-C-E-D-E

Compact booster set for water supply in light commercial applications. Pump materials in contact with the liquid are in stainless steel AISI 304 (EN 1.4301)

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: 0.75 HP
Liquid: Water	Maximum ambient temperature: 122 °F	Rated voltage: 200-240 V
Temperature: 68 °F	Shaft seal: AQQE	Main frequency: 50 / 60 Hz
NPSH required: ft	Flange standard: INTERNAL NPT THREAD	Enclosure class: IP55
Specific Gravity: 1.000	Product number: 98548109	Insulation class: F





Materials:

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

Count	Description
1	CMBE 1-44 I-U-C-E-D-E  Product No.: 98548109 The Grundfos CME Booster is a compact booster system for water supply in domestic applications. The integrated speed controller enables the CME Booster to keep constant pressure in the pipe system. A pressure sensor monitoring changes in the water consumption will signal to the speed controller to change the motor speed to adapt performance to the new state. The CME Booster is very easy to install. When the pipework has been installed, it is all a matter of plugging the unit into a socket, and the system is operational. The CME Booster consists of: • CME pump with integrated frequency converter • 5-way valve • expansion tank • pressure gauge • manometer Features • Constant pressure, integrated speed control • compact • robust, stainless steel • easy installation • dry run protection Thermal protection CME Booster pumps require no external motor protection. The MGE motor incorporates thermal protection against slow overloading and blocking (IEC 34.11: TP 211). Liquid: Pumped liquid: Water Liquid temperature range: 32 .. 140 °F Selected liquid temperature: 68 °F Density: 62.29 lb/ft³



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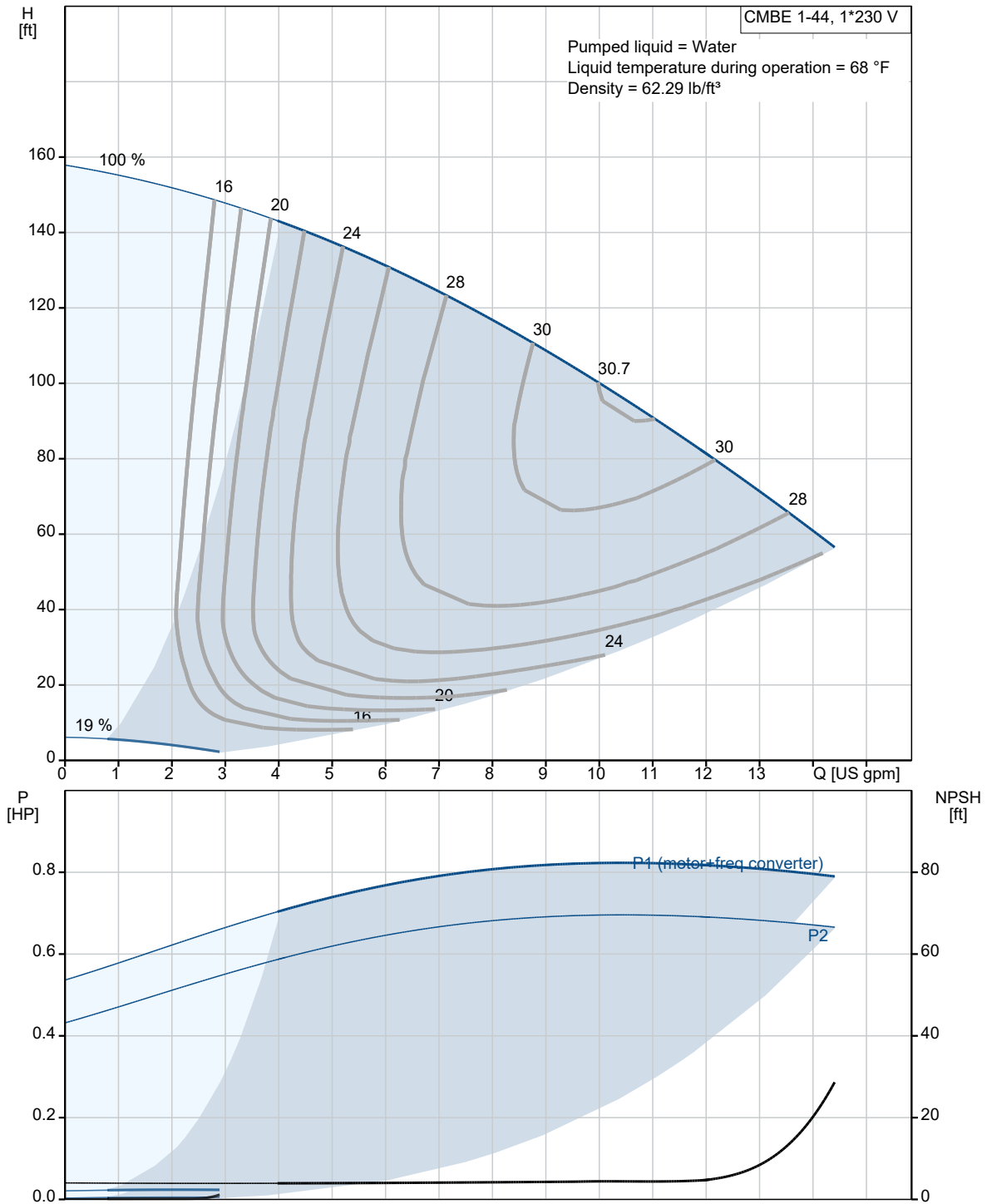
Count	Description
	Technical: Pump speed on which pump data is based: 3776 rpm Rated flow: 10.6 US gpm Rated head: 94.16 ft Primary shaft seal: AQQE Approvals and markings: CE,CULUS Curve tolerance: ISO9906:2012 3B Return valve: YES Start pressure: Integrated Frequency converter Materials: Pump housing: Stainless steel DIN W.-Nr. 1.4301 AISI 304 Impeller: Stainless steel DIN W.-Nr. 1.4301 AISI 304 Rubber: EPDM Installation: Maximum ambient temperature: 122 °F Flange standard: INTERNAL NPT THREAD Pump inlet: NPT 1 Pump outlet: NPT 1 Electrical data: Rated power - P2: 0.75 HP Main frequency: 50 / 60 Hz Rated voltage: 1 x 200-240 V Maximum current consumption: 3.45-2.90 A Rated speed: 360-4000 rpm Enclosure class (IEC 34-5): IP55 Insulation class (IEC 85): F Type of cable plug: NONE Mains cable: NO CABLE m Tank: Tank volume: 0.528 gal Others: Net weight: 33 lb Gross weight: 55 lb Country of origin: US Custom tariff no.: 8413.70.2040



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98548109 CMBE 1-44 I-U-C-E-D-E

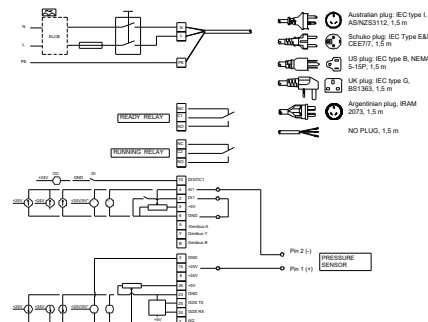
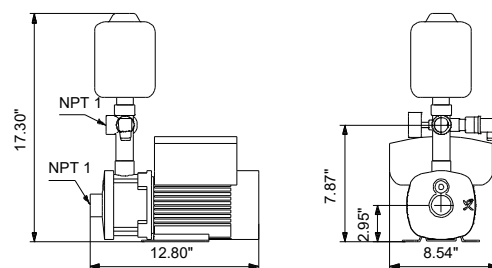
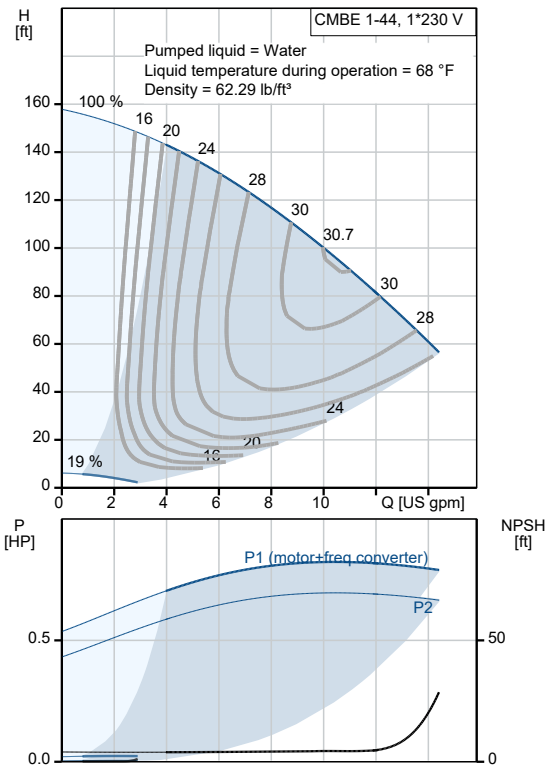




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Description	Value
General information:	
Product name:	CMBE 1-44 I-U-C-E-D-E
Product No.:	98548109
EAN:	5711496977466
Price:	
Technical:	
Pump speed on which pump data is based:	3776 rpm
Rated flow:	10.6 US gpm
Rated head:	94.16 ft
Impellers:	3
Primary shaft seal:	AQQE
Approvals and markings:	CE, CULUS
Curve tolerance:	ISO9906:2012 3B
Model:	A
Return valve:	YES
Start pressure:	Integrated Frequency converter
Materials:	
Pump housing:	Stainless steel
Pump housing:	DIN W.-Nr. 1.4301
Pump housing:	AISI 304
Impeller:	Stainless steel
Impeller:	DIN W.-Nr. 1.4301
Impeller:	AISI 304
Rubber:	EPDM
Installation:	
Maximum ambient temperature:	122 °F
Flange standard:	INTERNAL NPT THREAD
Pump inlet:	NPT 1
Pump outlet:	NPT 1
Liquid:	
Pumped liquid:	Water
Liquid temperature range:	32 .. 140 °F
Selected liquid temperature:	68 °F
Density:	62.29 lb/ft³
Electrical data:	
Rated power - P2:	0.75 HP
Main frequency:	50 / 60 Hz
Rated voltage:	1 x 200-240 V
Maximum current consumption:	3.45-2.90 A
p max system:	145.04 psi
Rated speed:	360-4000 rpm
Enclosure class (IEC 34-5):	IP55
Insulation class (IEC 85):	F
Type of cable plug:	NONE
Mains cable:	NO CABLE m
Tank:	





Company name:

Created by:

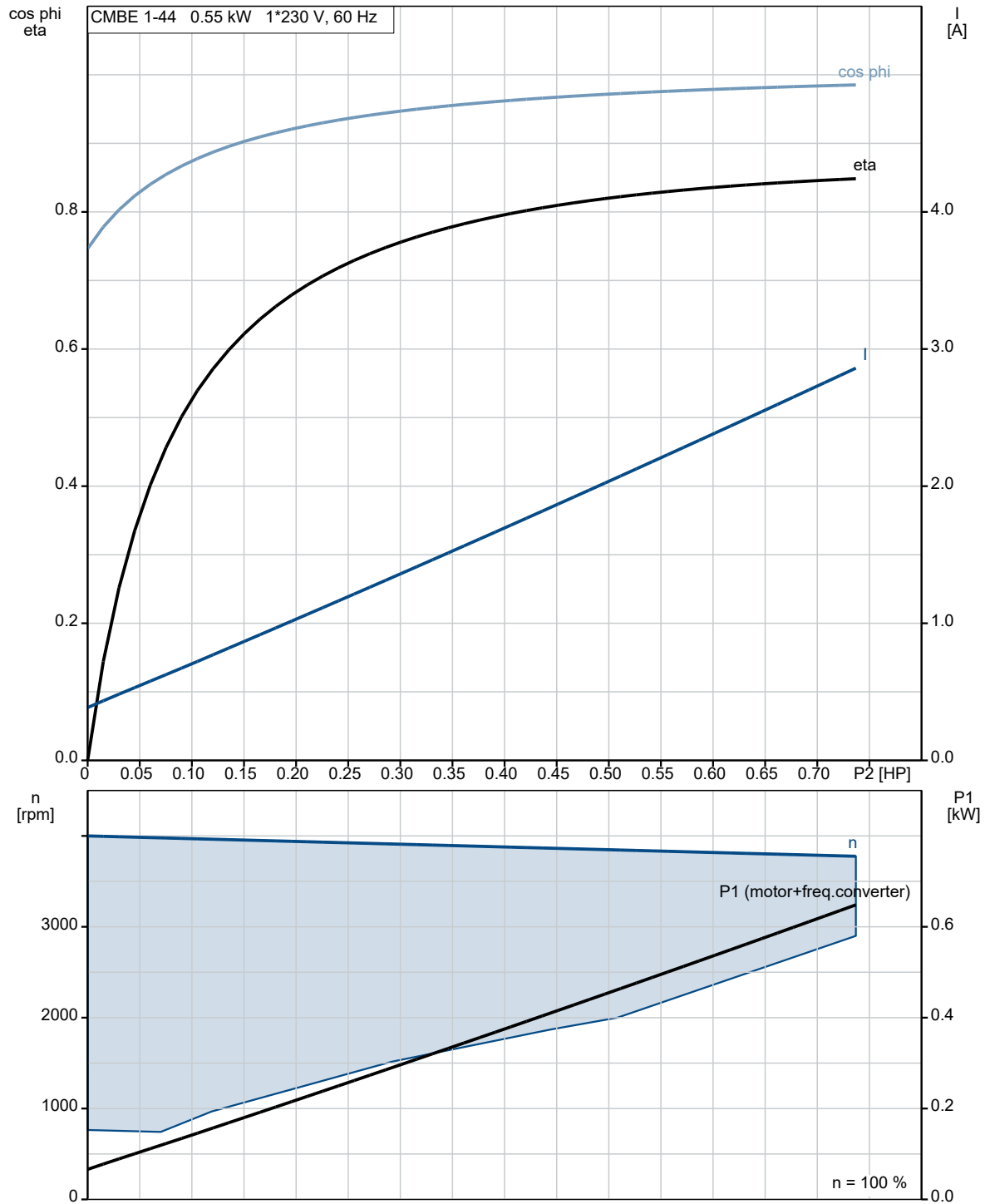
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Date:

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Description	Value
Tank volume:	0.528 gal
Others:	
Net weight:	33 lb
Gross weight:	55 lb
Config. file no:	95139603
Country of origin:	US
Custom tariff no.:	8413.70.2040

98548109 CMBE 1-44 I-U-C-E-D-E





Company name:

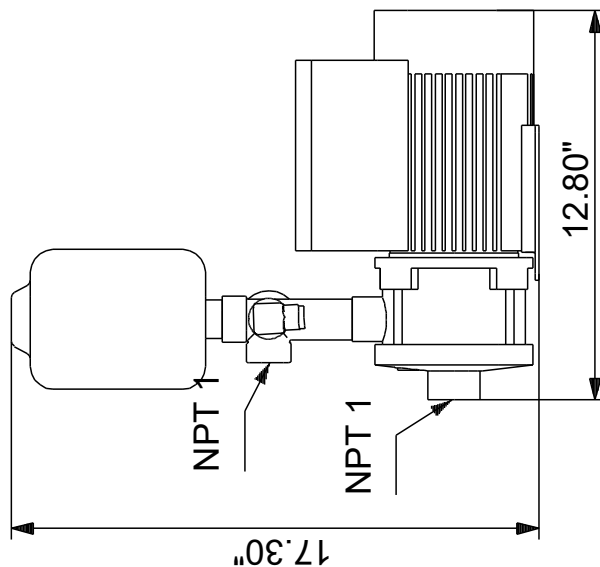
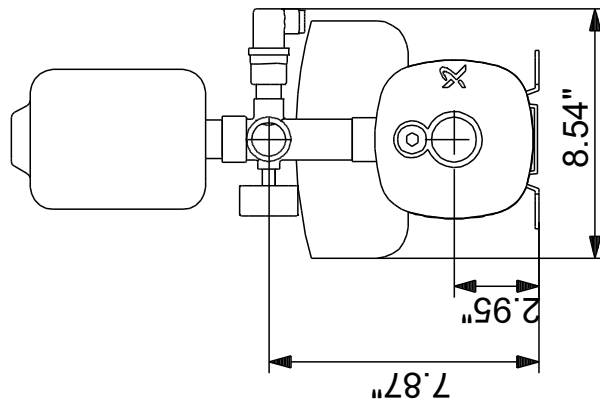
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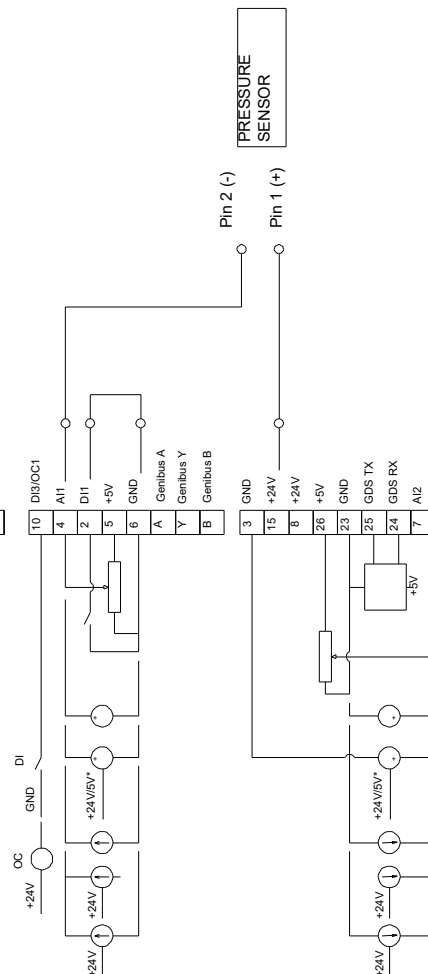
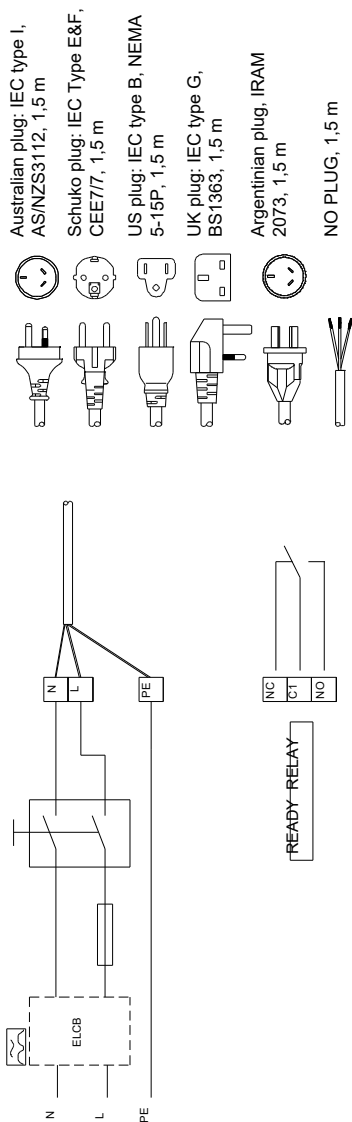
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98548109 CMBE 1-44 I-U-C-E-D-E



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

98548109 CMBE 1-44 I-U-C-E-D-E



All units are [in] unless otherwise presented.