

PRODUCT INFORMATION PACKET



Model No: 056T11F15542

Catalog No: FX34BK006

FLEX-IN-1™ General Purpose Motor, 0.75 & 0.75 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V,
1200 & 1000 RPM, 56HC Frame, TEFC

Operational at 208-230/460 V @60HZ



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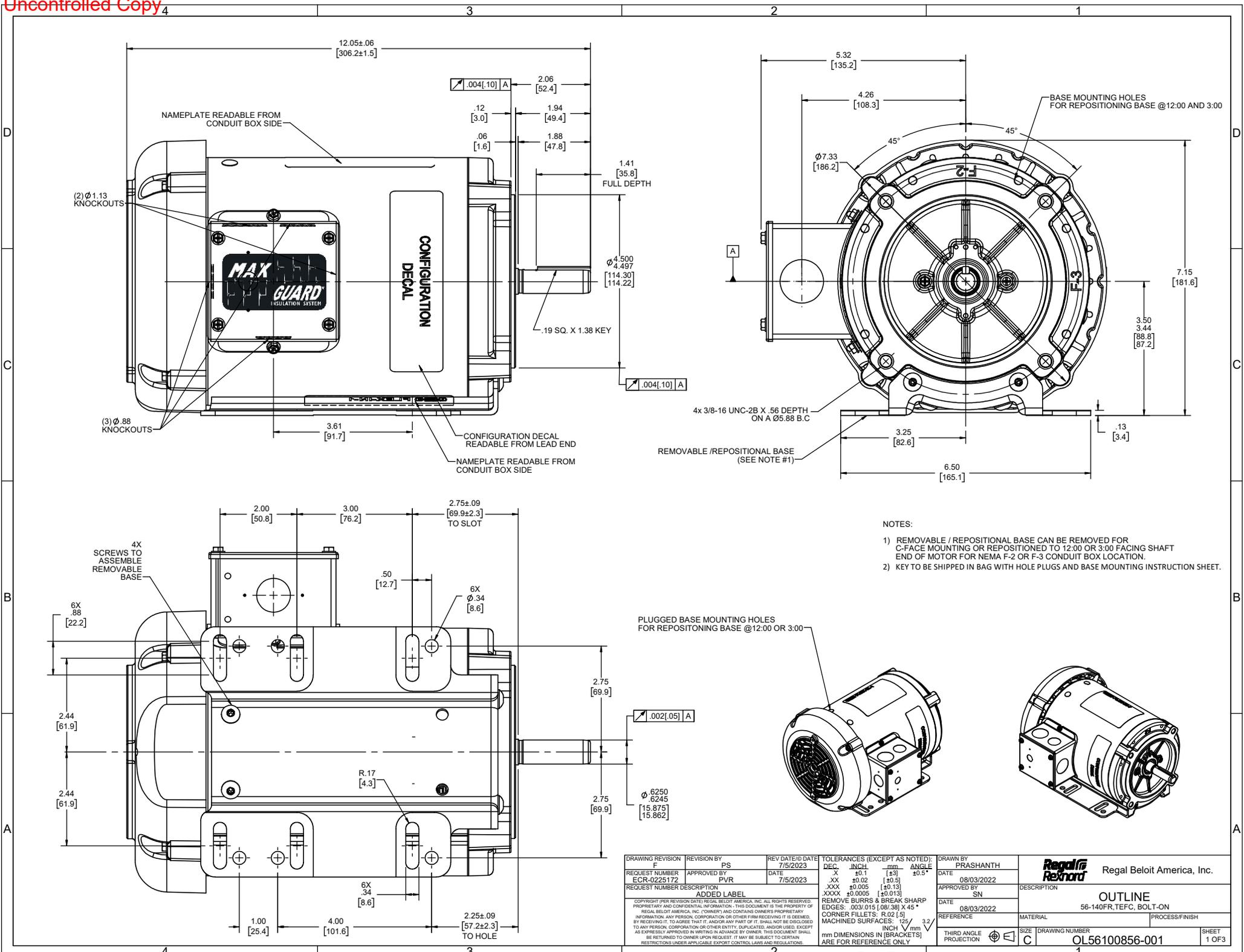
Nameplate Specifications

Phase	3	Output HP	0.75 & 0.75 Hp
Output KW	0.56 & 0.56 kW	Voltage	230/460 & 190/380 V
Speed	1140 & 950 rpm	Service Factor	1.15 & 1.00
Frame	56HC	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	75.2 & 76.3 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	3.25/1.6 & 3.5/1.75 A	Power Factor	56.4
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	M
Drive End Bearing Size	6203	Opp Drive End Bearing Size	6203
UL	Recognized	CSA	Y
CE	Y	IP Code	43
Number of Speeds	1		

Technical Specifications

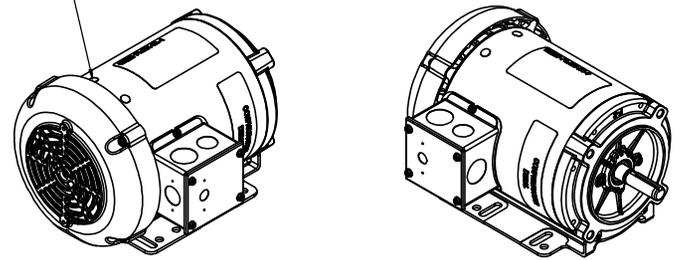
Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	6	Rotation	Reversible
Resistance Main	0 Ohms	Mounting	Bolt-on Base
Motor Orientation	Horizontal Or Up Or Down	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	NEMA 56	Shaft Diameter	0.625 in
Assembly/Box Mounting	F1 F2/F3 CAPABLE	Inverter Load	CONSTANT 10:1
Outline Drawing	OL56100856-001	Connection Drawing	CDTD127

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- NOTES:
- 1) REMOVABLE / REPOSITIONAL BASE CAN BE REMOVED FOR C-FACE MOUNTING OR REPOSITIONED TO 12:00 OR 3:00 END OF MOTOR FOR NEMA F-2 OR F-3 CONDUIT BOX LOCATION.
 - 2) KEY TO BE SHIPPED IN BAG WITH HOLE PLUGS AND BASE MOUNTING INSTRUCTION SHEET.

PLUGGED BASE MOUNTING HOLES FOR REPOSITIONING BASE @12:00 OR 3:00



DRAWING REVISION	REVISION BY	REV DATE/© DATE	TOLERANCES (EXCEPT AS NOTED):	DRAWN BY	
F	PS	7/5/2023	DEC. .1 INCL. .001 ANGLE .5°	PRASHANTH	
REQUEST NUMBER	APPROVED BY	DATE	.XX ±0.1 [±3]	DATE	Regal Beloit America, Inc. DESCRIPTION OUTLINE 56-140FR,TEFC, BOLT-ON
ECR-0225172	PVR	7/5/2023	.XX ±0.02 [±0.5]	08/03/2022	
REQUEST NUMBER DESCRIPTION	ADDED LABEL		.XXX ±0.005 [±0.13]	APPROVED BY	MATERIAL PROCESS/FINISH
			.XXX ±0.0005 [±0.013]	SN	
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			THIRD ANGLE PROJECTION	SIZE C	DRAWING NUMBER OL56100856-001

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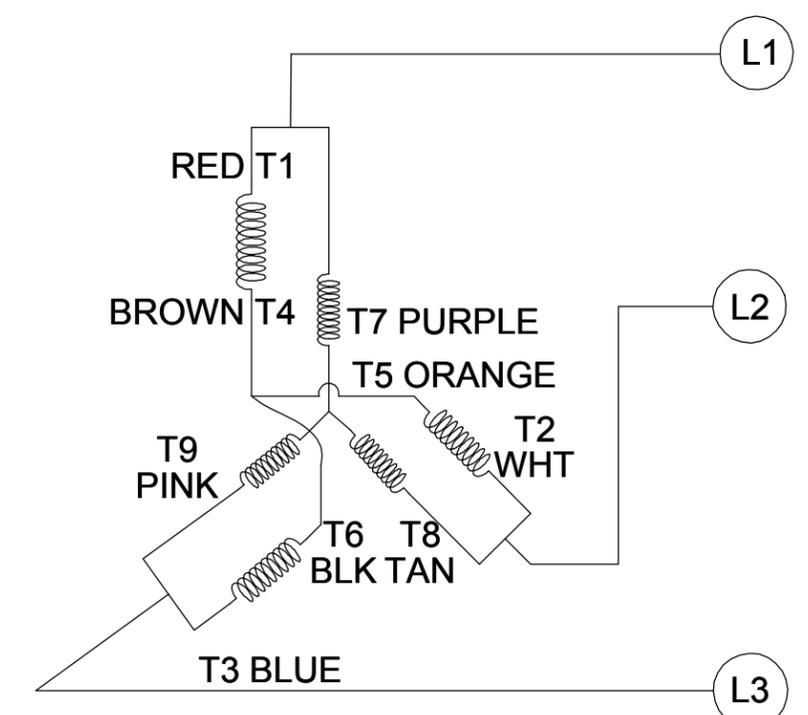
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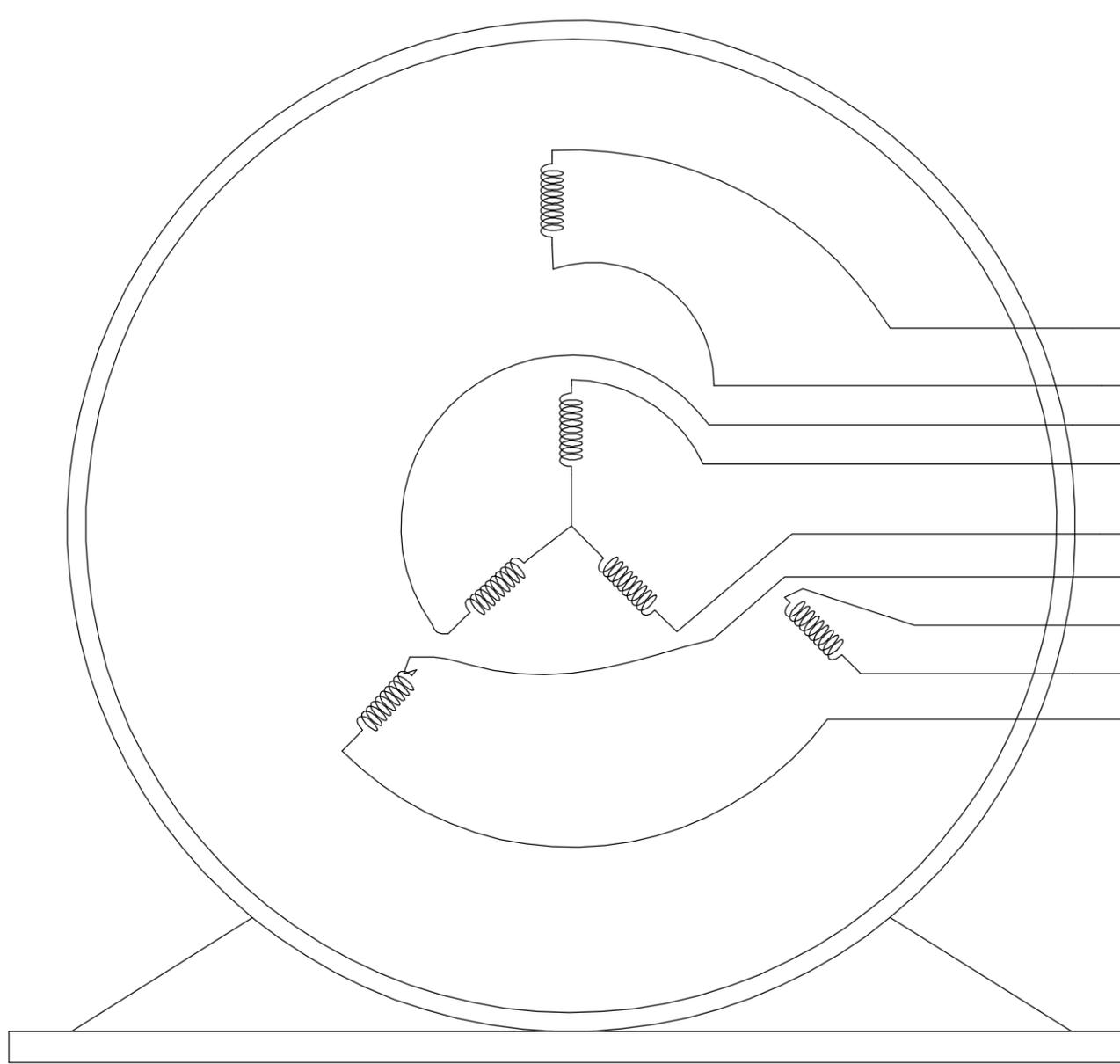
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CCW LOW VOLTAGE



B

B



- T1 RED
- T4 BROWN
- T9 PINK
- T7 PURPLE
- T8 TAN
- T6 BLACK
- T5 ORANGE
- T2 WHITE
- T3 BLUE

VIEW OF TERMINAL END

A

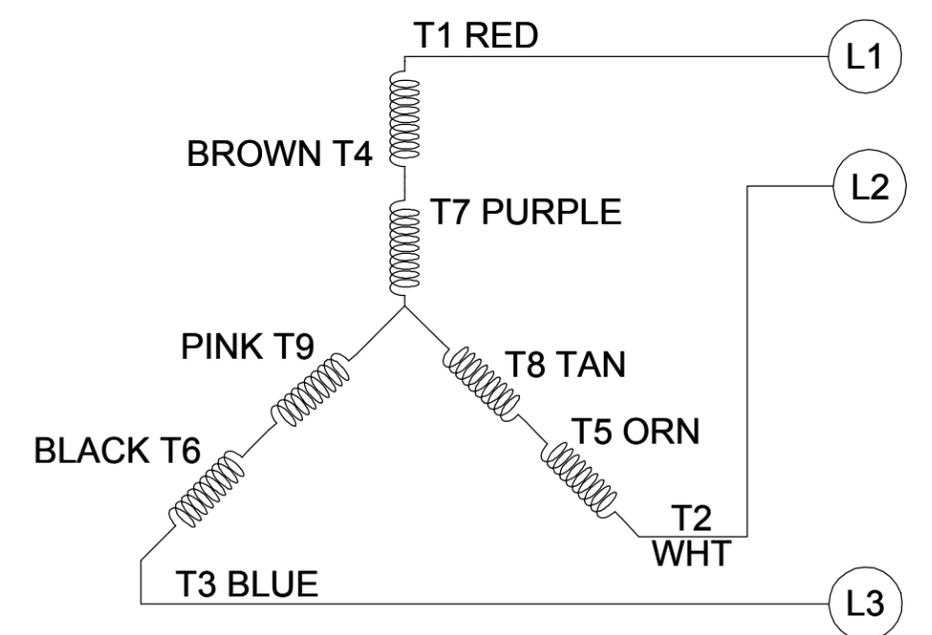
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NOTE:

1. TO REVERSE ROTATION, INTERCHANGE ANY TWO LINE CONNECTIONS TO L1, L2, OR L3.
2. CONNECTION DIAGRAM-NAMEPLATE DD10123-001 - CCWLE DD10199-001 - CWLE

CCW HIGH VOLTAGE

002



DRAWING REVISION D	REVISION BY SHESHI	DATE 01/11/2019
ECO ECO-0159881	APPROVED BY CD	DATE 01/11/2019
ECO DESCRIPTION ADDED DD10199-001		
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TOLERANCES UNLESS OTHERWISE SPECIFIED:			
DEC.	INCH	mm	ANGLE
.X	±0.1	[±2.5]	±0.5°
.XX	±0.01	[±0.25]	
.XXX	±0.005	[±0.127]	
.XXXX	±0.0005	[±0.0127]	
REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [.076/.381] CORNER FILLETS: .02 [.51] MACHINED SURFACES: 125 INCH 3.2 mm SHOWN IN [BRACKETS]			

DRAWN BY G. RODRIGUEZ	DATE 12-01-2017
APPROVED BY J. A. MORENO	DATE 12-01-2017
REFERENCE CDTD103	THIRD ANGLE PROJECTION

Regal Beloit America, Inc.	
DESCRIPTION CONN DIAGRAM-EXTERNAL	
MATERIAL	PROCESS/FINISH
SIZE B	DRAWING NUMBER CDTD127
SHEET 1 OF 1	

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EC Declaration of Conformity

The undersigned representing
the manufacturer:

Regal Beloit America
1946 West Cook Road
Fort Wayne, IN 46818

and the authorized representative
established within the Community:

Regal Beloit Italy
Via Modena, 18
24040 Ciserano(BG) - Italy

are committed to providing customers with products that comply with applicable regulations and international protocols to which they are subject, including the requirements of the European Parliament Directive on the Harmonization of the laws relating to electrical equipment designed for use within certain voltage limits (2014/35/EU).

Regal Beloit America declares that the following product(s), to which this declaration relates, are in conformity with the relevant sections of the EC standards listed below.

This statement supersedes any statements previously issued pertaining to the product(s) listed below and is subject to change without notice.

Model No : 056T11F15542

(Model No. may contain prefix and/or suffix characters)

Catalog No : FX34BK006

Rework No : N/A

Directives :

Low Voltage Directive 2014/35/EU

Harmonized Standards Used :

EN 60034-1: 2010 (IEC 60034-1: 2010)

EN 60034-5: 2001/A1:2007 (IEC 60034-5: 2000/A1:2006)

Authorized Representative:



Zach Stauffer
Vice President, Engineering

Authorized Representative in the Community:



Stefano Casiraghi
Technology Director, Engineering

Created on 07/08/2025

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