

PRODUCT INFORMATION PACKET



Model No: 132468.00
Catalog No: 132468.00
Brake Motor, 3 HP, 3 Ph, 60 Hz, 230/460 V, 1800 RPM, 182T Frame, DP



Regal and Leeson are trademarks of Regal Rexnord Corporation or one of its affiliated companies.
©2022 Regal Rexnord Corporation, All Rights Reserved. MC017097E





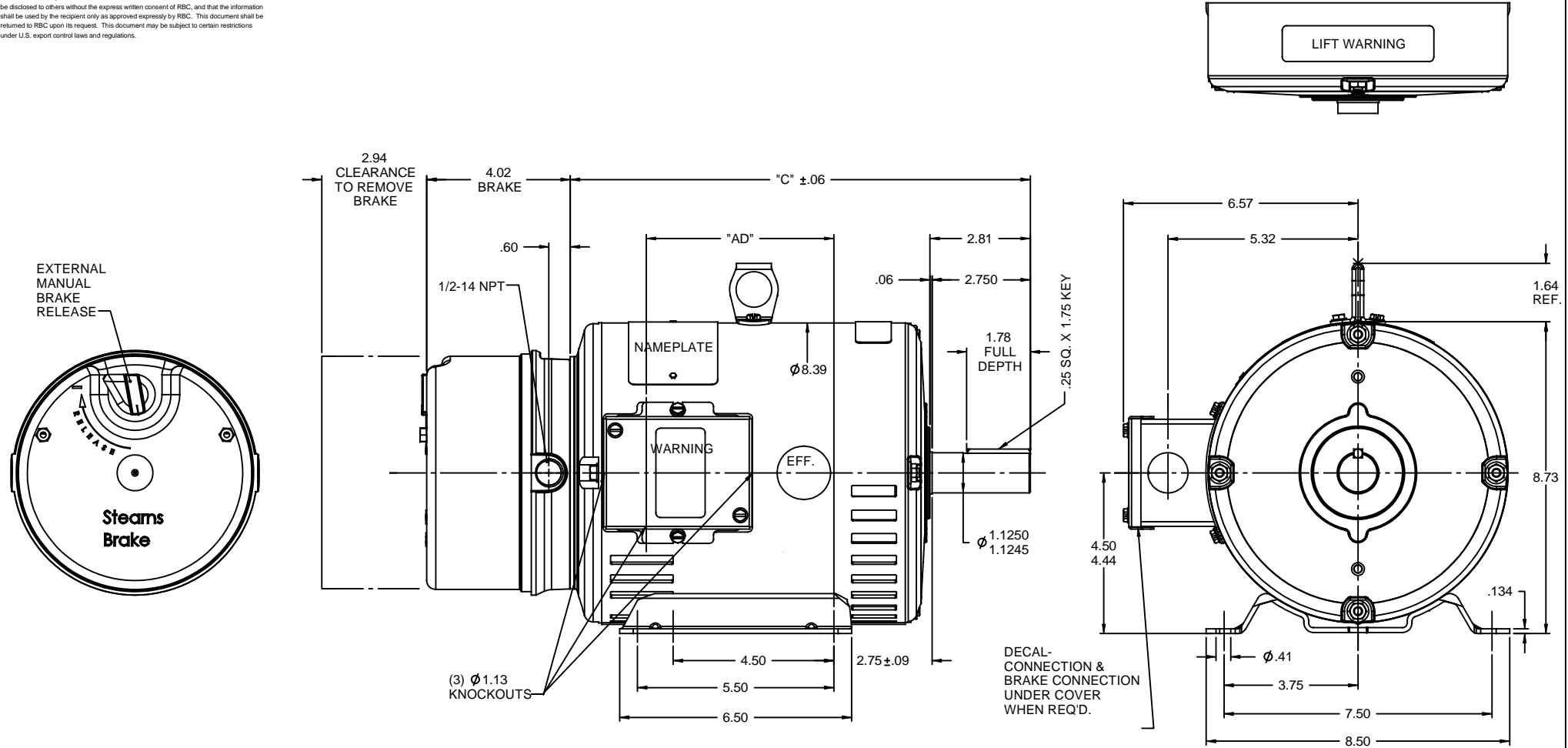
Nameplate Specifications

Output HP	3 Hp	Output KW	2.2 kW
Frequency	60 Hz	Voltage	230/460 V
Current	8.0/4.0 A	Speed	1760 rpm
Service Factor	1.15	Phase	3
Efficiency	89.5 %	Power Factor	79
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	K
Frame	182T	Enclosure	Drip Proof
Thermal Protection	No Protection	Ambient Temperature	40 °C
Drive End Bearing Size	6206	Opp Drive End Bearing Size	6205
UL	Recognized	CSA	Y
CE	Y	IP Code	22
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Resistance Main	3.89 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	T	Overall Length	13.28 in
Frame Length	9.00 in	Shaft Diameter	1.125 in
Shaft Extension	2.75 in	Assembly/Box Mounting	F1 Only
Connection Drawing	005010.15	Outline Drawing	035527-900

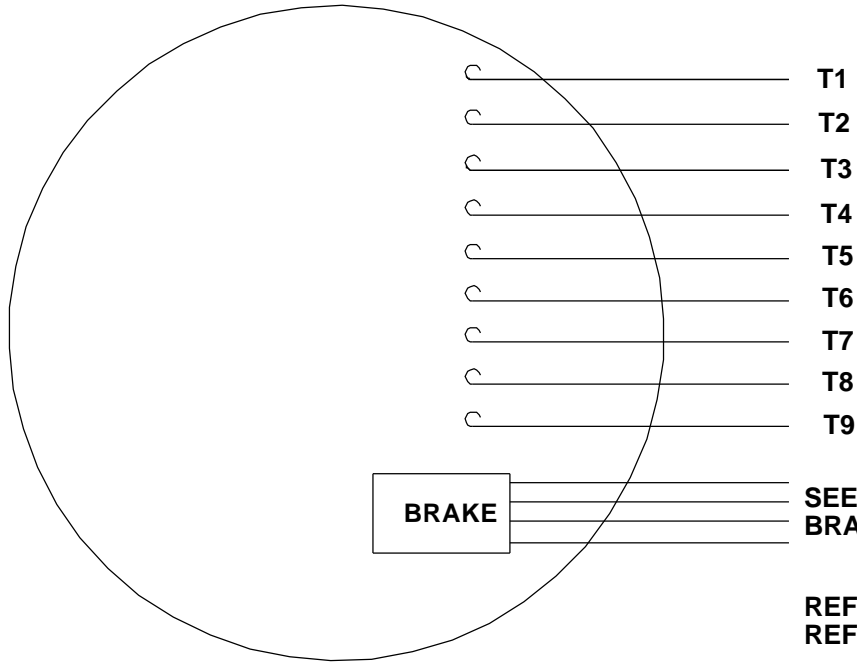
This is an uncontrolled document once printed or downloaded and is subject to change without notice. Date Created:11/29/2022



DASH NO.	"C"	"AD"
800	12.38	4.75
850	12.88	5.25
900	13.28	5.75
950	13.88	6.25
1000	14.38	6.75
1050	14.88	7.25
1100	15.38	7.75
1150	15.88	8.25

TOLERANCES UNLESS SPECIFIED		REGAL BELOIT CORPORATION		DRAWN VS 06/08/07
DEC	INCHES	REGAL BELOIT CORPORATION		CHK
x	±.1			APPR RDW 06/18/07
.xx	±.03	TITLE OUTLINE - 180T FRAME		SCALE 3:8
.xxx	±.005	DRIP PROOF - RIGID		REF OLG131626
.xxxx	±.0005	MATL		FMF
- UPDATED & REDRAWN IN SOLIDWORKS		LST 12/3/2009	XX .xxxx ±.0005	FINISH BRAKE MOTOR - STOCK
NO	REVISION	BY & DATE	CHK ANG ±1/2°	PAGE OF
			RFP	REV
	THIRD ANGLE PROJECTION		PREV	SIZE DRAWING NO
			NETWORK FILE NAME	B 035527

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.

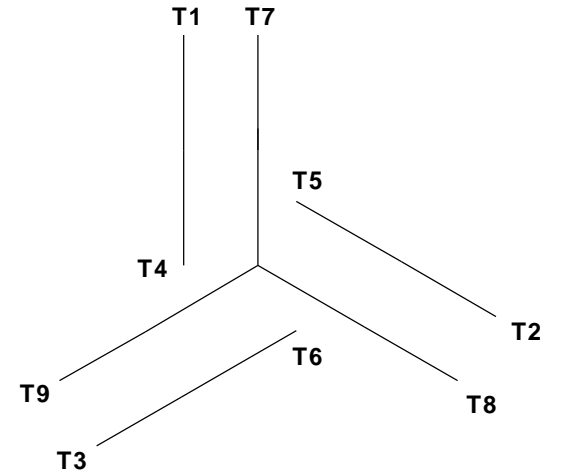


CAUTION:
LEAD WIRE INSULATION TO EXTEND
MINIMUM OF 1/4" INTO CONNECTOR
INSULATION

SEE TABLE FOR
 BRAKE CONNECTIONS

REF. DECAL (MOTOR) - 004014
 REF. DECAL (BRAKE) - 080034 (STEARNS & DINGS BRAKE)

LINE LEADS



VOLTAGE	L1	L2	L3	JOIN & INSULATE
HIGH	T1	T2	T3	(T4, T7) (T5, T8) (T6, T9)
LOW	T1, T7	T2, T8	T3, T9	T4, T5, T6

RBC PROPRIETARY AND CONFIDENTIAL INFORMATION
 This document is the property of REGAL BELOIT CORPORATION ("RBC") including its subsidiaries and divisions and contains proprietary information of RBC. This document is loaned on the express condition that neither it nor the information contained therein shall be disclosed to others without the express written consent of RBC, and that the information shall be used by the recipient only as approved expressly by RBC. This document shall be returned to RBC upon its request. This document may be subject to certain restrictions under U.S. export control laws and regulations.

TYPE "T" W/O PROTECTOR

VOLTAGE	BRAKE CONNECTION		
	STEARNS BRAKE		DINGS BRAKE
	L1	L2	Join
HIGH	1(RED)	2(RED)	3(BLACK) 4(BLACK)
LOW	1(RED) 3(BLACK)	2(RED) 4(BLACK)	-----

				TOLERANCES UNLESS SPECIFIED		ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN JJK 09/17/96	
				DEC	INCHES		CHK	
				.X	±.1	APPR		
				.XX	±.01	TITLE	EXTERNAL WIRING DIAGRAM	
--	REDRAWN IN SOLIDWORKS	VJB 02/08/11	.XXX	±.005	STANDARD 3 PHASE - DUAL VOLTAGE		SCALE 1:1	
01	ADDED DINGS AND BRAKE TABLE (PER CN114156)	TMZ 11/12/96	.XXXX	±.0005	MAT'L W/STEARNS OR DINGS DUAL VOLTAGE BRAKE CONN.		REF 005010-01	
NO	REVISION	BY & DATE	CHK	ANG ±1/2°	FINISH LEESON STOCK		PAGE OF	
THIRD ANGLE PROJECTION				RFP	PREV	SIZE	DRAWING NO	
				NETWORK FILE NAME 00501015		A	005010-15	
							REV --	



1051 CHEYENNE AVE.
GRAFTON, WI 53024
PH. 262-277-8810

DATA VOLTS: 460

CERTIFICATION DATA SHEET

CONN. DIAGRAM: 005010.15
OUTLINE: 035527-900
WINDING: T84173

CAT #: 132468.00

DR 3

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC RPM	FL RPM	FRAME	ENCLOSURE	TYPE	KVA CODE	DESIGN
3	2.2	1800	1760	182T	DP	TDW	K	B

PH	HZ	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB	ELEV.
3	60	230/460	8/4	ACROSS THE LINE	CONT	F	1.15	40	3300

F.L. EFF	89.5	3/4 LD EFF	89.5	1/2 LD EFF	88.2	GTD EFF	ELECT. TYPE
F.L. PF	79.3	3/4 LD PF	73.2	1/2 LD PF	61.1	88.5	SQ CAGE IND RUN

F.L. TORQUE	LR AMPS @ 460 V	L.R. TORQUE	B.D. TORQUE	F.L. RISE (° C)
8.9 LB-FT	34.2	22.0 LB-FT 247%	35.8 LB-FT 402%	31

PRESSURE @ 3	SOUND	POWER	ROTOR WK²	MAX. LOAD WK²	SAFE STALL TIME	STARTS/HOUR	MOTOR WGT
51 dBA	60 dBA		0.36 LB-FT²	55 LB-FT²	15 SEC.	2	0 LB.

***** SUPPLEMENTAL INFORMATION *****

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	MOTOR ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
STANDARD	BRAKE	RIGID	HORIZONTAL	NO	NONE	NO	NONE	WATTSAVER

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
DE	ODE	POLYREX EM	T	NONE	NONE	1144 STRESSPROOF (C-223)	ROLLED STEEL
BALL	BALL						
6206	6205						

THERMOSTATS	PROTECTORS	WDG RTD's	BRG RTD's	THERMISTORS	CONTROL	SPACE HEATERS
NONE	NOT	NONE	NONE	NONE	FALSE	NA

R1 (ohms/ph)	R2 (ohms/ph)	X1 (ohms/ph)	X2 (ohms/ph)	Xm (ohms/ph)	VIBRATION (in/sec)	FLOAT
0	0	0	0	0	0.080	ODE

* N O T E S *	INVERTER TORQUE: NONE INV. HP SPEED RANGE: NONE					
	ENCODER: NONE NONE NONE					
	BRAKE: STEARNS 56,000 NEMA 2 FT-LB: 15 VOLTAGE: 230/460 HZ:					
	UL: Y-(LEESON UL REC)					

DATE: 9/6/2018

Data Sheet

Date: 9/6/2018

132468



Data @ **460 V**

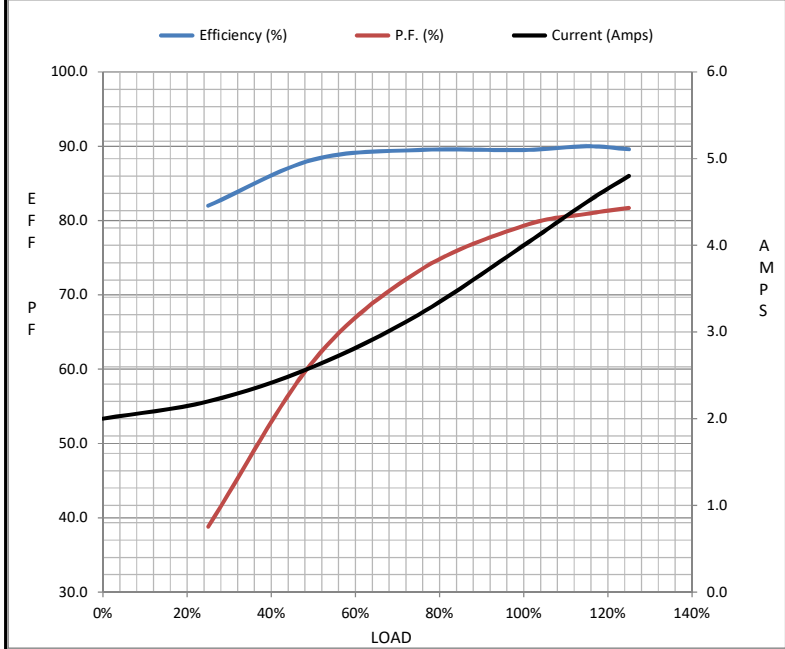
Motor Load Data

Load	0%	25%	50%	75%	100%	115%	125%	LR
Current (Amps)	2.00	2.20	2.60	3.2	4.0	4.5	4.8	34.2
Torque (ft-lb)	0.00	2.19	4.4	6.6	8.9	10.3	11.2	22.0
RPM	1800	1790	1779	1767	1760	1,752	1745	0
Efficiency (%)		82.0	88.2	89.5	89.5	90.0	89.6	
P.F. (%)	6.9	38.8	61.1	73.2	79.3	80.9	81.7	50.5

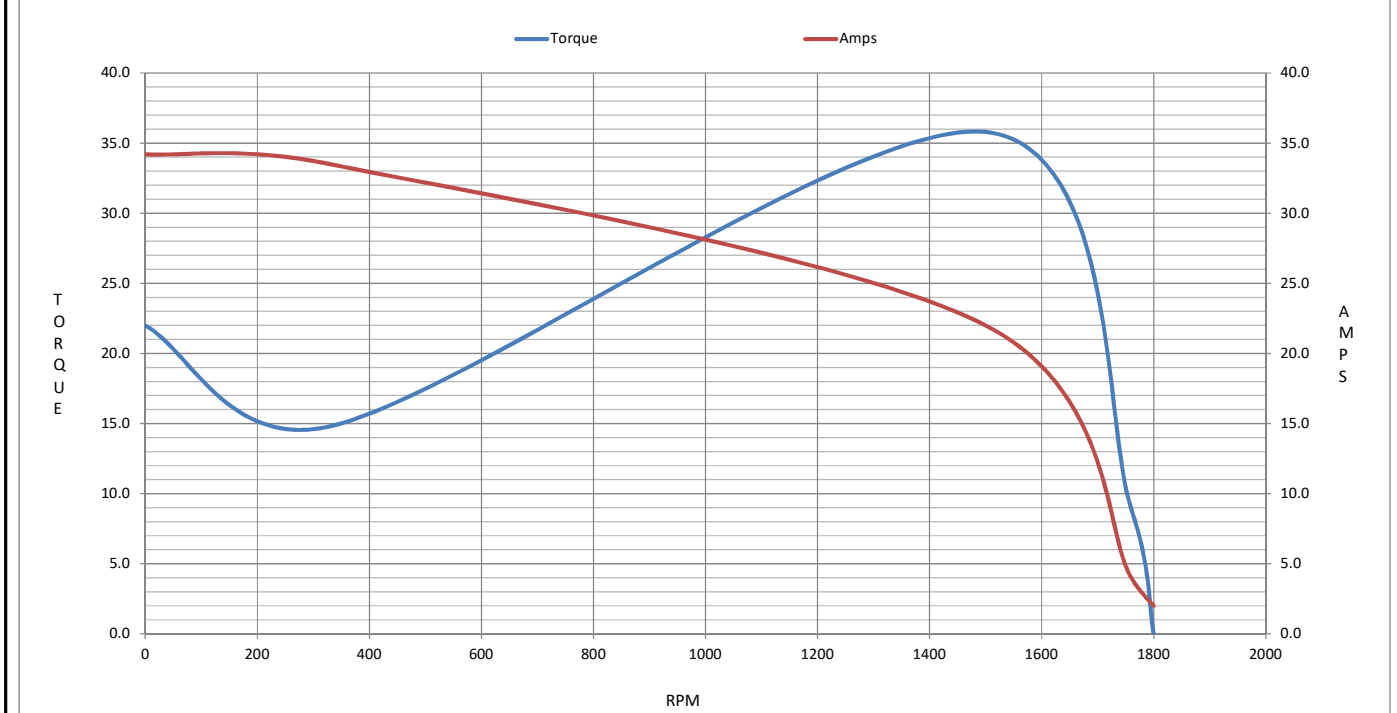
Motor Speed Data

	LR	Pull-Up	BD	Rated	Idle
Speed (RPM)	0	330	1500	1760	1800
Current (Amps)	34.2	33.5	22.0	4.0	2.00
Torque (ft-lb)	22.0	14.8	35.8	8.9	0.00

Information Block				
HP	3.0			
Sync. RPM	1800			
Frame	182			
Enclosure	DP			
Construction	TDW			
Voltage	230/460 V			
Frequency	60 Hz			
Design	B			
LR Code letter	K			
Service Factor	1.15			
Temp Rise @ FL	31 ° C			
Duty	CONT			
Ambient	40 ° C			
Elevation	1,000 feet			
Rotor/Shaft wk ²	0.36 Lb-Ft ²			
Ref Wdg	T84173 DR			
Sound Pressure @ 1M	51 dBA			
VFD Rating	NONE			
Outline Dwg	035527-900			
Conn. Diag	005010.15			
Additional Specifications:				
0				
0				
EQUIV CKT (OHMS / PHASE)				
R1	R2	X1	X2	Xm
0.0000	0.0000	0.0000	0.0000	0.0000



Speed - Torque Curve



EC Declaration of Conformity

The undersigned representing
the manufacturer:

Regal Beloit America
100 East Randolph St.
Wausau, WI 54401

and the authorized representative
established within the Community:

Marathon Electric UK
6F Thistleton Road Ind. Estate
Market Overton
Oakham, Rutland LE15 7PP UK

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 : 132468.00

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

Catalog No : 132468.00

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:



Michael A. Logsdon
Vice President, Technology

Authorized Representative in the Community:



Julian Clark
Marketing Engineer

Created on 09/01/2022

CE 22