



Customer information packet

BSM63N-175BA

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Specifications

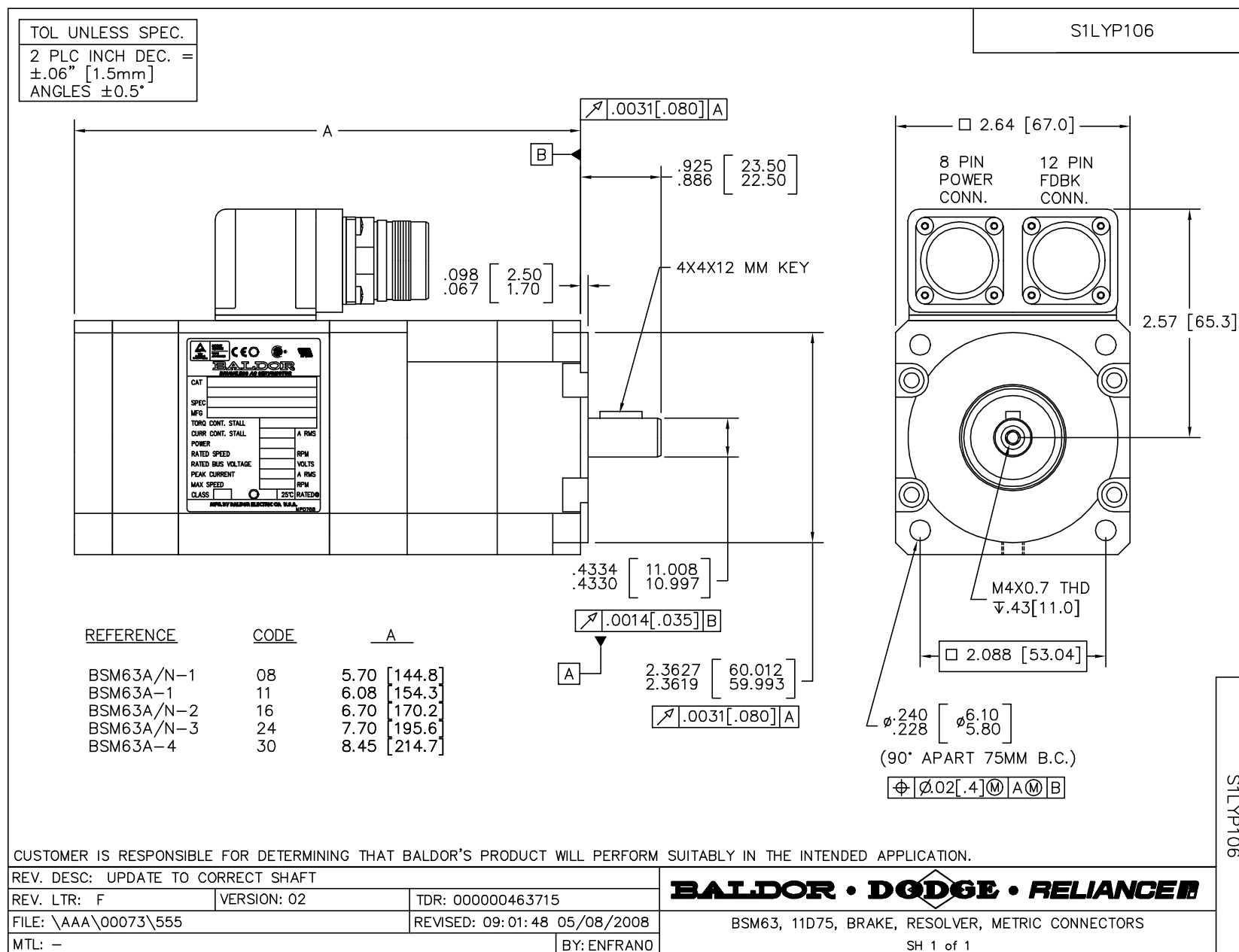
Enclosure	TENV
Nameplate Speed	4000
Agency Approvals	CE
	CSA
	TUV
	UR
Base Indicator	Bracket Mounted
Dimensional Drawing Numbers	S1LYP106
Frame	D75D
Frame Material	Exposed Laminations
Motor Lead Quantity/Wire Size	3 @ 18 AWG
Motor Standards	IEC
Mounting Arrangement	F1
Nameplate Output	0.24KW
Shaft Rotation	Reversible

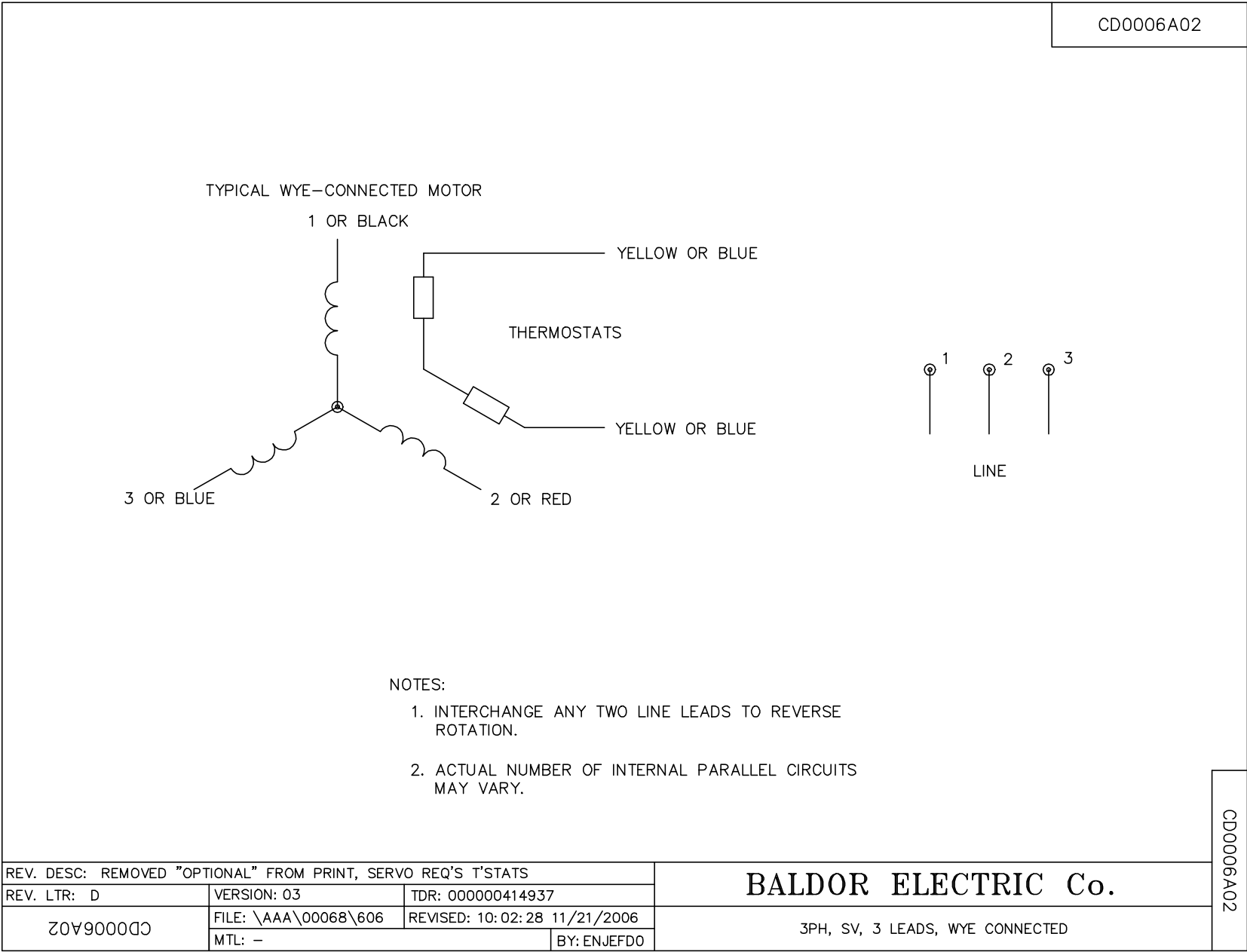
Part detail

Revision	Y
Type	AC
Mech. spec.	S1P106
Base	
Status	PRD/A
Elec. spec.	S1WGW033
Layout	S1LYP106
Eff. date	12-02-2024
CD Diagram	CD0006A02
Poles	04
Leads	3#18
Proprietary	False
Created date	01-01-0001

Nameplate

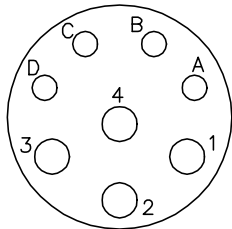
NP2859L									
CAT.									
SPEC	S1P106W033G1								
MFG									
TORQ CONT STALL	0.7 NM								
CUR CONT STALL/A RMS	1.02								
POWER	0.24KW								
RATED SPEED/RPM(1/MIN)	4000								
RATED BUS VOLTS	320								
PEAK CUR/A RMS	4.08								
MAX SPEED/RPM(1/MIN)	10000					WT.		2.7	
CLASS	F	IP	54	IC	410	25C RATED			



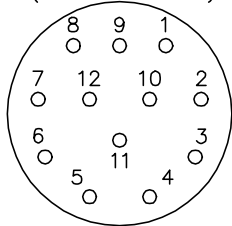


CD1321

8 PIN THREADED CONNECTOR
(CRIMP STYLE)
(INSERTION SIDE)



12 PIN THREADED CONNECTOR
(CRIMP STYLE)
(INSERTION SIDE)



MOTOR CONNECTIONS

PIN	FUNCTION	INTERNAL/EXTERNAL MARKINGS
A	THERMAL SWITCH	YELLOW
B	THERMAL SWITCH	YELLOW
C	BRAKE (OPTIONAL)	BLACK (* RED)
D	BRAKE (OPTIONAL)	BLACK
1	U	BLACK OR T1
2	GROUND	GREEN OR **GREEN/YELLOW
3	W	BLUE OR T3
4	V	RED OR T2

* WHEN REQUIRED

**CE MOTORS REQUIRE GREEN/YELLOW GROUND

RESOLVER CONNECTIONS

PIN	FUNCTION	INTERNAL WIRE COLOR
1	REF HI R1	RED/WHITE
2	REF LO R2	YELLOW/WHITE
3	COS+ S1	RED
4	COS- S3	BLACK
5	SINE- S4	BLUE
6	SINE+ S2	YELLOW

REV. DESC: ADD CE NOTE AND GREEN/YELLOW GROUND

REV. LTR: F

VERSION: 03

TDR: 000001192301

FILE: \AAA\00055\309

REVISED: 02: 34: 44 06/13/2022

BY: ENDANDO

MTL: —



BALDOR - RELIANCE®

BSM WIRING DIAG, POWER & RESOLVER, 8 & 12 PIN THD CONNECT.

SH 1 of 1

CD1321