

ABB BALDOR RELIANCE III

Customer information packet BSM132C-5200AA

BSM132C-5200AA T'STAT, RESOLVER

Specifications

Enclosure	TENV
Nameplate Speed	3500
Agency Approvals	WEEE
Base Indicator	Bracket Mounted
Dimensional Drawing Numbers	S8LYP009
Frame	D132D
Motor Lead Quantity/Wire Size	6 @ 10 AWG
Motor Standards	IEC
Mounting Arrangement	F1
Nameplate Output	7.87KW
Shaft Rotation	Reversible

Part Detail

Revision	Z
Type	AC
Mech. spec.	S8P009
Base	
Status	PRD/A
Elec. spec.	S8WGW018
Layout	S8LYP009
Eff. date	07-16-2024
CD Diagram	CD0006A02
Poles	08
Leads	3#10 (02 per group) Y
Proprietary	False
Created date	07-02-2009

Nameplate

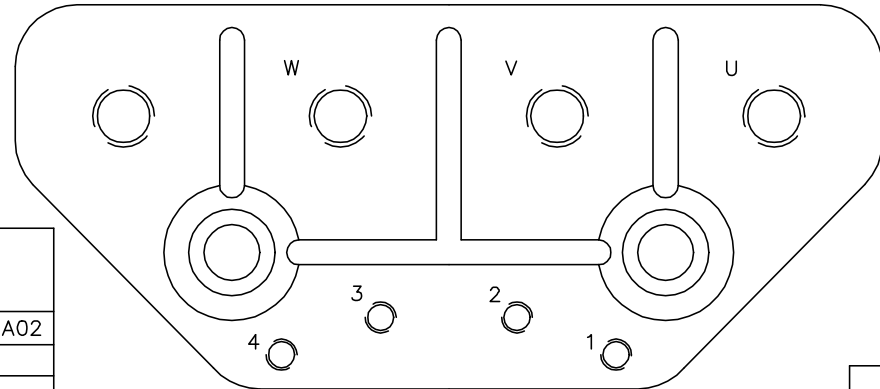
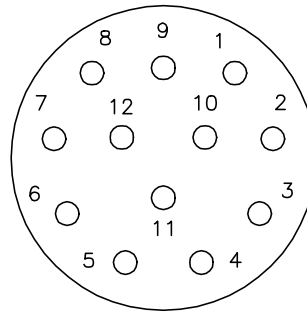
NP3306L				
CAT.NO.	BSM132C-5200AA			
SPEC.	S8P009W018			
MFG.NO.				
TORQ CONT STALL	87 NM			
CUR CONT STALL/A RMS	62.8			
POWER	10.98KW			
RATED SPEED/RPM(1/MIN)	3500			
RATED BUS VOLTS	650			
MAX SPEED/RPM(1/MIN)	5000			
PEAK CUR/A RMS	189			
MAXIMUM POWER/KW	10.98KW			
TORQ PEAK STALL/NM	261			
TORQ CONSTANT-NM/A	1.63			
IP	54	IC	410	KG 82

CD2008A02

RESOLVER CONNECTIONS

PIN	FUNCTION	WIRE COLOR
1	REF HI R1	RED/WHITE
2	REF LO R2	YELLOW/WHITE
3	COS+ S1	RED
4	COS- S3	BLACK
5	SIN+ S2	BLUE
6	SIN- S4	YELLOW
7	-	-
8	-	-
9	-	-
10	-	-
11	-	-
12	-	-

12 PIN THREADED CONNECTOR
(INSERTION SIDE)



MOTOR CONNECTIONS

TERMINAL LABEL	FUNCTION	INTERNAL WIRE MARKING		
		CD0006	or	CD0006A02
1	THERMAL SWITCH		YELLOW	
2	THERMAL SWITCH		YELLOW	
3	BRAKE (OPTIONAL)		BLACK	
4	BRAKE (OPTIONAL)		BLACK	
⏏	GROUND		-	
U	PHASE U	(T1) BLUE	or	(T1) BLACK
V	PHASE V	(T2) WHITE		(T2) RED
W	PHASE W	(T3) ORANGE		(T3) BLUE



CD2008A02

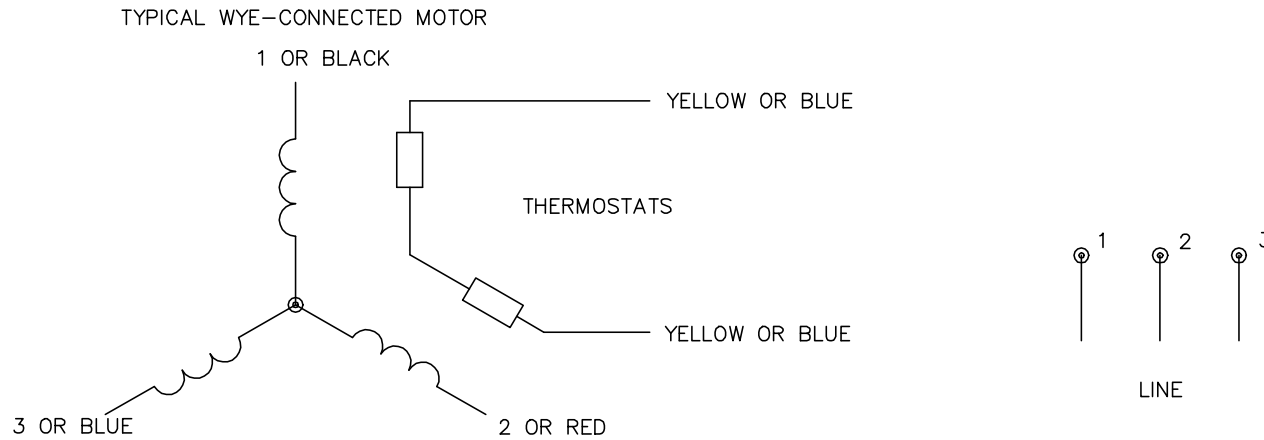
REV. DESC: ADD COLORS TO MOTOR PHASES		
REV. LTR: A	VERSION: 01	TDR: 000000802466
FILE: \AAA\00153\837	REVISED: 10:35:50 06/04/2013	
MTL: -	BY: ENJEFDO	

BALDOR

CONN DIAG BSM132, RESOLVER, WD1327A02 TERM BLOCK, 12P

SH 1 of 1

CD0006A02



NOTES:

1. INTERCHANGE ANY TWO LINE LEADS TO REVERSE ROTATION.
2. ACTUAL NUMBER OF INTERNAL PARALLEL CIRCUITS MAY VARY.

REV. DESC: REMOVED "OPTIONAL" FROM PRINT, SERVO REQ'S T'STATS		
REV. LTR: D	VERSION: 03	TDR: 000000414937
CD0006A02	FILE: \AAA\00068\606	REVISED: 10:02:28 11/21/2006
	MTL: -	BY: ENJFDO

BALDOR ELECTRIC Co.

3PH, SV, 3 LEADS, WYE CONNECTED

CD0006A02