

PRODUCT INFORMATION PACKET

marathon®
Motors

Model No: 048S34S2003
Catalog No: O004
1/4,3450,SEMI,48N,1/60/115
Single Phase



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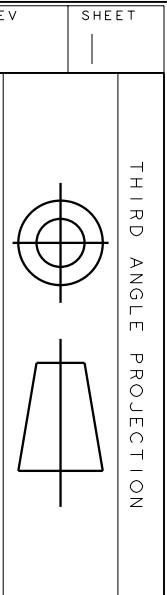
Nameplate Specifications

Output HP	0.25 Hp	Output KW	0.19 kW
Frequency	60 Hz	Voltage	115 V
Current	4.2 A	Speed	3450 rpm
Service Factor	1	Phase	1
Efficiency	56.5 %	Duty	CONTINUOUS
Insulation Class	B	Design Code	NO DESIGN CODE
KVA Code	S	Frame	48NZ
Enclosure	SEMI ENCLOSED	Overload Protector	MANUAL
Ambient Temperature	40 °C	Drive End Bearing Size	6203
Opp Drive End Bearing Size	6203	UL	Recognized
CSA	Y	CE	N
IP Code	10		

Technical Specifications

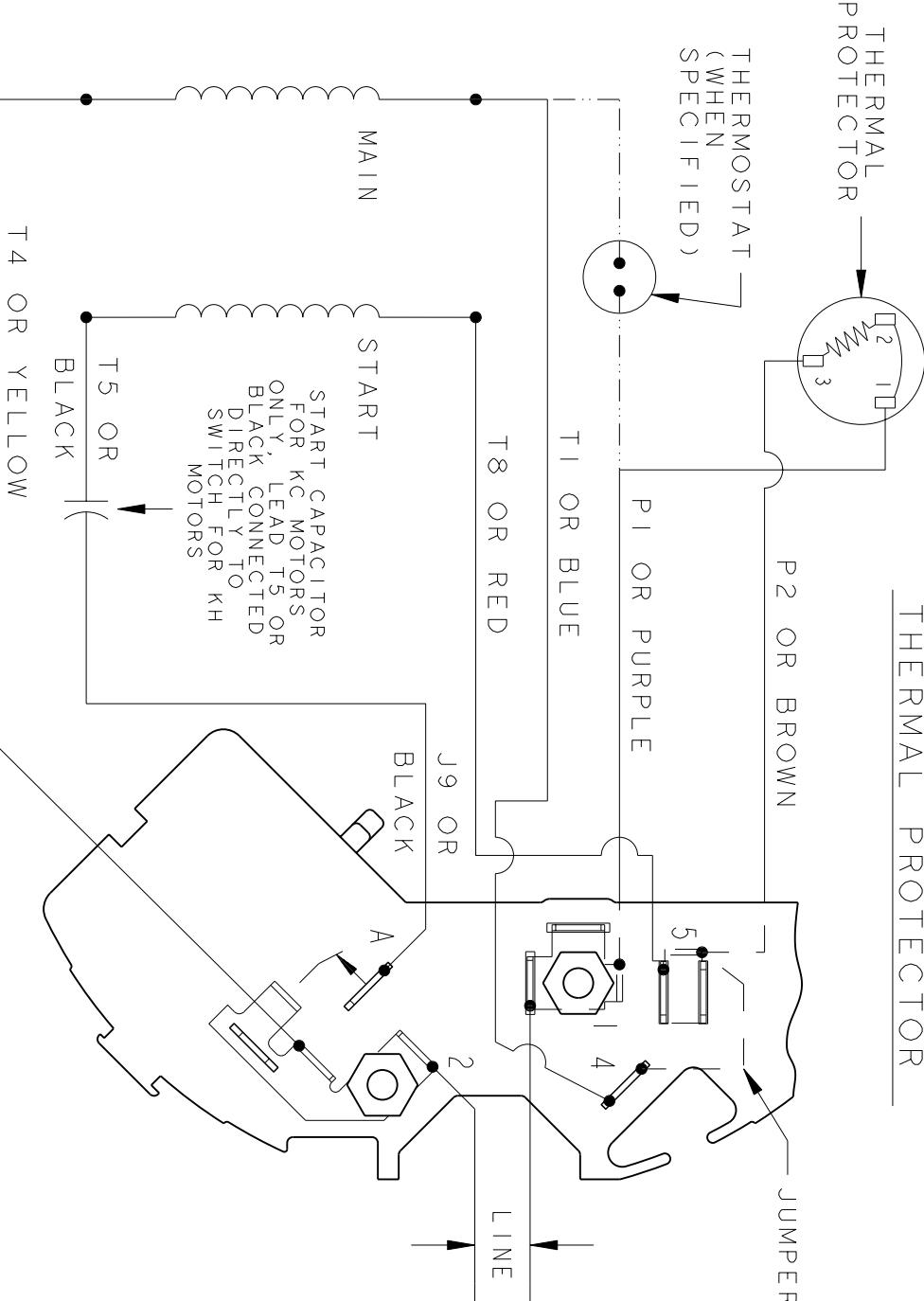
Electrical Type	SPLIT PHASE	Starting Method	ACROSS THE LINE
Poles	2	Rotation	SELECTIVE CW
Mounting	ROUND	Motor Orientation	HORIZONTAL
Drive End Bearing	SLEEVE	Opp Drive End Bearing	SLEEVE
Frame Material	ROLLED STEEL	Shaft Type	SGL SPL EXT
Overall Length	8.13 in	Shaft Diameter	0.5 in
Shaft Extension	2.09 in	Assembly/Box Mounting	F1 ONLY
Outline Drawing	52A111274P1	Connection Diagram	52A105379AH

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EITHER ROTATION - SINGLE VOLTAGE

TYPE KC OR KH WITH
THERMAL PROTECTOR



NOTE #1 - TO REVERSE ROTATION INTERCHANGE RED (T8) AND BLACK (J9-KC OR T5-KH) LEADS.

NOTE #2 - WHEN MORE THAN ONE CAPACITOR IS USED CONNECT IN PARALLEL.

REF. DIAGS. - 121A851



REGAL-BELOIT CORPORATION

CONNECTION DIAGRAM

FOR ADDITIONAL INFO REFER TO: MFG. QUALITY ISSUED M.D.P. 18/1888

APPLIED PRACTICES

DIMENSIONS ARE IN INCHES ✓

MATERIAL

SIGNATURES		DATE	REGAL-BELOIT CORPORATION	
MODEL	M.D.PAPE	18/1888		
DETAIL				
CHECKED				
ENGEG				
MFG				
QUALITY				
ISSUED	M.D.P.	18/1888		
MATERIAL	SOLID MODEL: 52A105379AH		SCALE: 1.000	REF. NO: SHEET 1 of 1

FMF: 30FR SWITCH REDESIGN (SIM TO 52A105379AA)

REV: 1