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REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	RELEASED FOR PRODUCTION	10FEB2023	DM	CB
	AI	ADDING PRODUCT DATA	07MAR2023	DM	CB

LABELS

100.0 ± 5.0

134.4 REF.

118.0 ± 5.0

124.0 ± 5.0

CONNECTOR 4mm Sq.

67.5 ± 5.0

NOMINAL OPERATING VOLTAGE (VAC)	3x 380 to 480
RATED OPERATING VOLTAGE (VAC)	3x 340 to 530
FREQUENCY (Hz)	50 / 60
RATED CURRENT (AMPS)	5.0
OP. TEMP. RANGE @ RATED CURRENT	-45°C to +45°C
RATED POWER @ 400VAC (kW)	3.12
RATED POWER @ 400VAC (HP)	4.18
IMPEDANCE @ 400VAC (%)	4
INDUCTANCE, NOMINAL (mH)	5.880
POWER OVERLOAD, 1 MINUTE EVERY HOUR	1.6
VOLTAGE WITHSTAND 1 MINUTE (kVAC)	2
POLLUTION DEGREE	PD2
COOLING	NATURAL
PROTECTION CLASS	IP00
INSULATION CLASS	N
STORAGE TEMPERATURE RANGE (°C)	-45°C to +100°C
CLIMATIC CATEGORY	45/100/21
DESIGN CORRESPONDING TO	EN61558-2-20, EN60076-6, UL61800-5-1

SAFETY ORGANIZATIONS

UL RECOGNIZED AS PER UL 508 HARDWARE CERTIFICATION

DE-RATING FORMULAE FOR OPERATION ABOVE 45°C AMBIENT CONDITIONS:

$$I = I_n \sqrt{\frac{100 - T_{a \text{ new}}}{100 - 45}}$$

TYPICAL CIRCUIT DIAGRAM

LINE

LOAD

L1 ○ — [] — ○ L1'

L2 ○ — [] — ○ L2'

L3 ○ — [] — ○ L3'

PE ○ — [] —

6.0

47.5 ± 2.0

6.0

109.0 ± 5.0

RoHS COMPLIANT

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	C. BOLLE	06OCT2022		NAME RPO-3-5 THREE LINE REACTOR
DIMENSIONS: mm		CHK	C. BOLLE	06OCT2022		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD	L. RAJ	06OCT2022		
0 PLC ±- 1 PLC ±0.1 2 PLC ±0.01 3 PLC ±0.001 4 PLC ±0.0001 ANGLES ±-		PRODUCT SPEC	-	-		
MATERIAL		APPLICATION SPEC	-		SIZE	A3
-		WEIGHT	-		CAGE CODE	00779
-		CUSTOMER DRAWING	-		DRAWING NO	©-2432409-4
-		FINISH	-		RESTRICTED TO	-
-		SCALE	1:2		SHEET	1 OF 1
-		REV	AI			

1470-19 (3/13)