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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

NOMINAL OPERATING VOLTAGE (VAC)	3x 380 to 480
RATED OPERATING VOLTAGE (VAC)	3x 340 to 530
FREQUENCY (Hz)	50 / 60
RATED CURRENT (AMPS)	3.53
OP. TEMP. RANGE @ RATED CURRENT	-45°C to +45°C
RATED POWER @ 400VAC (kW)	2.20
RATED POWER @ 400VAC (HP)	2.95
IMPEDANCE @ 400VAC (%)	4
INDUCTANCE, NOMINAL (mH)	8.340
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

100.0±5.0

134.4 REF.

118.0±5.0

124.0±5.0

CONNECTOR 4mm Sq.

67.5±5.0

SAFETY ORGANIZATIONS

UL RECOGNIZED AS PER UL 508 HARDWARE CERTIFICATION

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

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

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 <b>RPO-3-3.5</b> <b>THREE LINE REACTOR</b>						
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		-								
FINISH		WEIGHT		-								
-		CUSTOMER DRAWING		SIZE	A3	CAGE CODE	00779	DRAWING NO	©-2432409-3	RESTRICTED TO	-	
-		SCALE		1:2		SHEET		1 OF 1		REV		AI

1470-19 (3/13)