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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

200.0±5.0

186.5±5.0

250.0±5.0

98.9±5.0

TERMINAL RING TYPE
35mm Sq.

NOMINAL OPERATING VOLTAGE (VAC)	3x 380 to 480
RATED OPERATING VOLTAGE (VAC)	3x 340 to 530
FREQUENCY (Hz)	50 / 60
RATED CURRENT (AMPS)	40.00
OP. TEMP. RANGE @ RATED CURRENT	-45°C to +45°C
RATED POWER @ 400VAC (kW)	24.94
RATED POWER @ 400VAC (HP)	33.43
IMPEDANCE @ 400VAC (%)	4
INDUCTANCE, NOMINAL (mH)	0.740
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 ○ — [] —

10.0

69.9±2.0

220.0±0.5

6.0

Ø8.2

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN C. BOLLE 06OCT2022	 TE Connectivity	
DIMENSIONS: mm		CHK C. BOLLE 06OCT2022		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD L. RAJ 06OCT2022	NAME RPQ-3-40 THREE LINE REACTOR	
0 PLC ±-		PRODUCT SPEC	-	
1 PLC ±0.1		APPLICATION SPEC	-	
2 PLC ±0.01		WEIGHT	-	
3 PLC ±0.001		CUSTOMER DRAWING	-	
4 PLC ±0.0001		SCALE	1:3	
ANGLES ±-		FINISH	-	
MATERIAL		SIZE	CAGE CODE	DRAWING NO
-		-	A3	00779
-		G=2-2432409-1		RESTRICTED TO
				-
				REV AI

RoHS COMPLIANT

1470-19 (3/13)