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REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	RELEASED FOR PRODUCTION	10FEB2023	DM	CB
	A1	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)	1.76
OP. TEMP. RANGE @ RATED CURRENT	-45°C to +45°C
RATED POWER @ 400VAC (kW)	1.1
RATED POWER @ 400VAC (HP)	1.47
IMPEDANCE @ 400VAC (%)	4
INDUCTANCE, NOMINAL (mH)	16.700
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

TYPICAL CIRCUIT DIAGRAM

LINE LOAD

L1 ○ — [] — ○ L1'

L2 ○ — [] — ○ L2'

L3 ○ — [] — ○ L3'

PE ○ — [] —

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

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

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN C. BOLLE 05OCT2022

CHK C. BOLLE 05OCT2022

APVD L. RAJ 05OCT2022

PRODUCT SPEC

APPLICATION SPEC

WEIGHT -

CUSTOMER DRAWING

TE Connectivity

NAME
RPO-3-1.8
THREE LINE REACTOR

SIZE CAGE CODE DRAWING NO RESTRICTED TO

A3 00779 C=2432409-1 -

SCALE 1:1 SHEET 1 OF 1 REV A1

DIMENSIONS:

mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC	±
1 PLC	±0.1
2 PLC	±0.01
3 PLC	±0.001
4 PLC	±0.0001
ANGLES	±

FINISH

MATERIAL

ROHS COMPLIANT

1470-19 (3/13)