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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

Ø 12.0

40.0

250.0±5.0

5.0

260.0±5.0

320.0±5.0

CONNECTION BUSBAR
40mm x 5mm

147.5±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)	220.00
OP. TEMP. RANGE @ RATED CURRENT	-45°C to +45°C
RATED POWER @ 400VAC (kW)	137.18
RATED POWER @ 400VAC (HP)	183.89
IMPEDANCE @ 400VAC (%)	4
INDUCTANCE, NOMINAL (mH)	0.130
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:

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

TYPICAL CIRCUIT DIAGRAM

LINE

LOAD

L1 ○ — [] — ○ L1'

L2 ○ — [] — ○ L2'

L3 ○ — [] — ○ L3'

PE ○ — [] —

15.0

110.5±2.0

5.0

275.0±0.5

ROHS COMPLIANT

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	C. BOLLE	07OCT2022		TE Connectivity
		CHK	C. BOLLE	07OCT2022		
		APVD	L. RAJ	07OCT2022		
		PRODUCT SPEC				
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME RPO-3-220 THREE LINE REACTOR		
		0 PLC	±-	APPLICATION SPEC		
		1 PLC	±0.1	-		
		2 PLC	±0.01	WEIGHT		
		3 PLC	±0.001	-		
		4 PLC	±0.0001	CUSTOMER DRAWING		
		ANGLES	±-	SCALE 1:4		
MATERIAL		FINISH	-	SHEET 1 OF 1		
			-	REV AI		

1470-19 (3/13)