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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 are indicated by arrows pointing to a rectangular area and a triangular area on the top surface.

Dimensions:  $\phi 10.0$  (hole diameter), 25.0 (hole spacing).

NOMINAL OPERATING VOLTAGE (VAC)	3x 380 to 480
RATED OPERATING VOLTAGE (VAC)	3x 340 to 530
FREQUENCY (Hz)	50 / 60
RATED CURRENT (AMPS)	144.34
OP. TEMP. RANGE @ RATED CURRENT	-45°C to +45°C
RATED POWER @ 400VAC (kW)	90.00
RATED POWER @ 400VAC (HP)	120.65
IMPEDANCE @ 400VAC (%)	4
INDUCTANCE, NOMINAL (mH)	0.204
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

Dimensions: 235.0±5.0 (width), 205.9±5.0 (height), 300.0±5.0 (total width), 4.0 (height offset).

CONNECTION BUSBAR  
25mm x 4mm

Dimension: 135.4±5.0 (width)

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: L1, L2, L3, PE

LOAD: L1', L2', L3'

Dimensions: 106.4±2.0 (height), 250.0±0.5 (width), 6.0 (height offset), 10.0 (hole spacing).

ROHS COMPLIANT

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN C. BOLLE 07OCT2022		
		CHK C. BOLLE 07OCT2022		
		APVD L. RAJ 07OCT2022	NAME RPO-3-145 THREE LINE REACTOR	
DIMENSIONS: mm		PRODUCT SPEC -	RESTRICTED TO -	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPLICATION SPEC -		
0 PLC ±- 1 PLC ±0.1 2 PLC ±0.01 3 PLC ±0.001 4 PLC ±0.0001 ANGLES ±-		WEIGHT -	SIZE A3	CAGE CODE 00779
MATERIAL -		FINISH -	DRAWING NO C-3-2432409-9	
		CUSTOMER DRAWING	SCALE 1:4	SHEET 1 OF 1
			REV AI	

1470-19 (3/13)