


**TPN ISOLATORS 3P + N 32A - 125A**

PART NUMBER	TPNI032	TPNI063	TPNI080	TPNI100	TPNI125		
CURRENT RATING	32A	63A	80A	100A	125A		
UTILISATION CATEGORY	AC-23A	AC-23A	AC-23A	AC-23A	AC-23A		
DIMENSIONS (HxWxD)mm	300x300x150	300x300x150	300x300x150	300x300x150	400x300x150		
WEIGHT (1PC) Kg	5.74	5.92	5.94	6.24	7.5		
GTIN-13	5060523524655	5060523524662	5060523524679	5060523524686	5060523524693		
STANDARDS	<b>IEC BS EN 60947-3</b>						
COMPLIANCE	 						
RATED VOLTAGE (Un/AC)	690V						
FREQUENCY (Hz)	50/60						
PROTECTION DEGREE (IP)	IP65						
RATED INSULATION VOLTAGE	800V AC						
RATED IMPULSE WITHSTAND	8kV						
INSULATION CLASS	I						
RATED CONDITIONAL SHORT CIRCUIT CURRENT(I <sub>p</sub> ) r.m.s 415V AC	32A - 10kA, 63-80A - 15kA, 100-125A - 20kA						
RATED SHORT TIME WITHSTAND CURRENT (I <sub>cw</sub> ) r.m.s 690V / 1 SECOND	32A - 1260A, 63-80A - 1500A, 100-125A - 2750A						
RATED SHORT CIRCUIT MAKING CAPACITY (I <sub>cm</sub> ) (I <sub>cm</sub> ) 690V	32A - 800A, 63-80A - 1400A, 100-125A - 2100A						
TERMINAL TIGHTENING TORQUE (Nm)	32A- 1.5Nm, 63-80A - 4Nm, 100-125A - 7Nm						
SWITCHTERMINAL MIN/MAX CABLE CAPACITY LINE/LOAD (mm)	32A- 1.5-16mm <sup>2</sup> , 63-80A - 2.5-35mm <sup>2</sup> , 100-125A - 10-70mm <sup>2</sup>						
OPERATING TEMPERATURE	-25°C TO +55°C						
DERATING FACTOR ≥40°C	20%						
MOUNTING	4 FIXING HOLES IN BASE / GLAND PLATES TOP AND BOTTOM						
MECHANICAL DOOR INTERLOCK	ON POSITION ONLY						
PAD LOCKABLE	OFF POSITION ONLY						
ENCLOSURE DOOR LOCKING	QUARTER TURN DOUBLE BAR LOCK						
MATERIAL	1.2 mm STEEL						
FINISH	RAL7035						
CARTON QUANTITY	1						

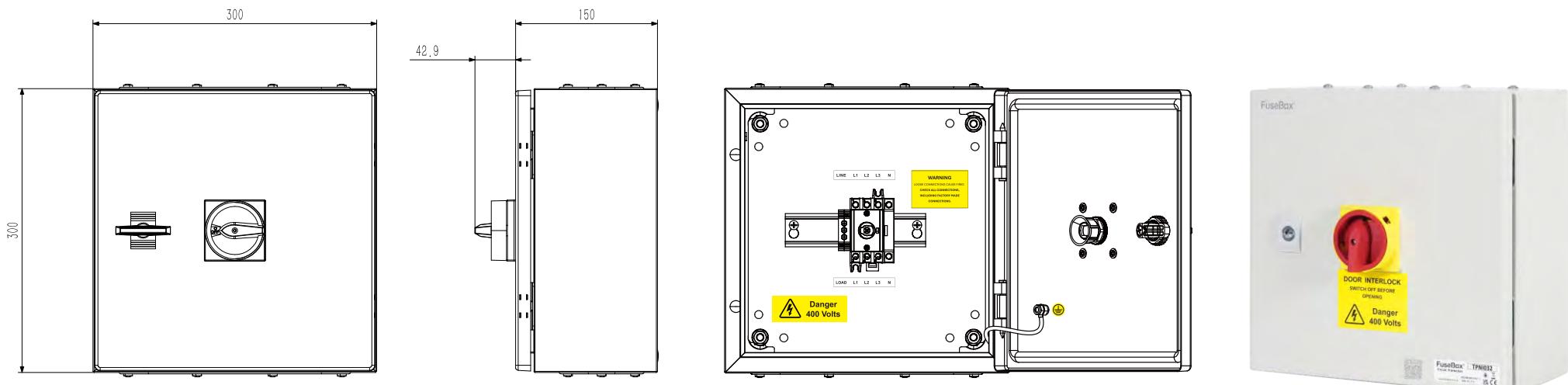
This 3P + N Isolator must be installed and tested by a qualified electrician in accordance with the current IET Wiring Regulations BS7671.

### RATED OPERATIONAL CURRENT & POWER

RATING	Ue	AC-21A/B	AC-22A/B	AC-23A/B	
Ith - 32A	415V	32A	32A	32A	15Kw
	500V	32A	32A	25A	15Kw
	690V	32A	32A	25A	15Kw
Ith - 63A	415V	63A	63A	63A	30kW
	500V	63A	63A	63A	30kW
	690V	63A	63A	40A	30kW
Ith - 80A	415V	80A	80A	80A	37kW
	500V	80A	80A	63A	37kW
	690V	80A	80A	40A	37kW
Ith - 100A	415V	100A	100A	100A	45KW
	500V	100A	100A	80A	45KW
	690V	100A	100A	63A	45KW
Ith - 125A	415V	125A	125A	125A	55KW
	500V	125A	125A	100A	55KW
	690V	125A	125A	63A	55KW

### PRODUCT IMAGES & DIMENSIONS

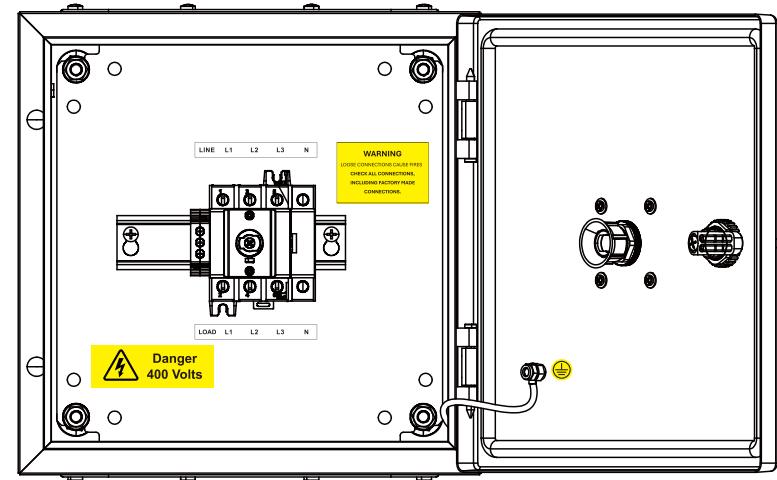
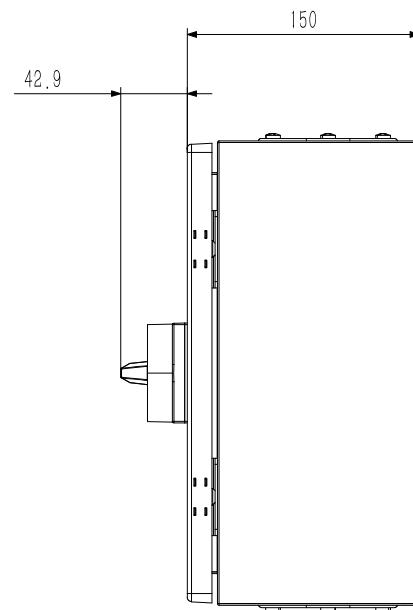
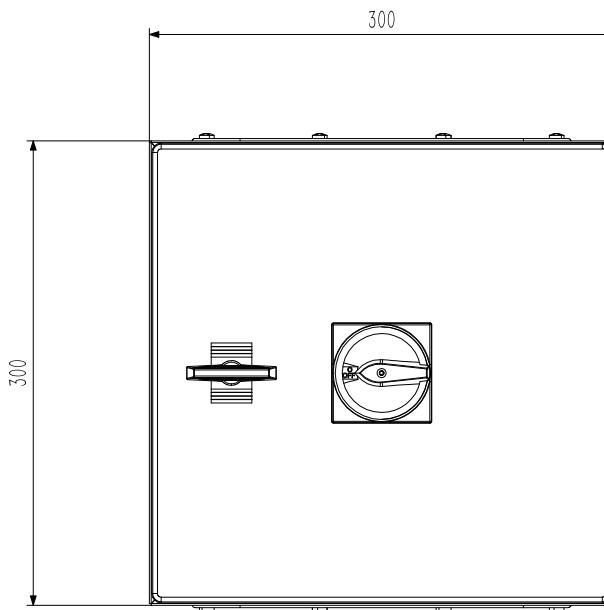
32A TPNI032



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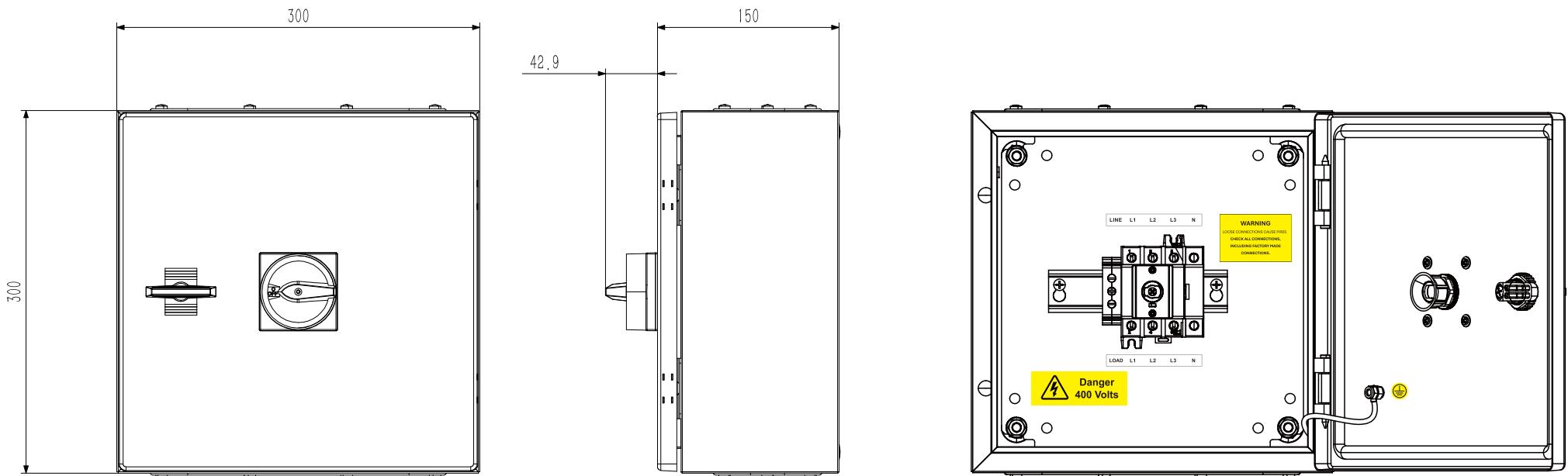
## PRODUCT IMAGES & DIMENSIONS

### 63A TPNI063



## PRODUCT IMAGES & DIMENSIONS

### 80A - TPNI080

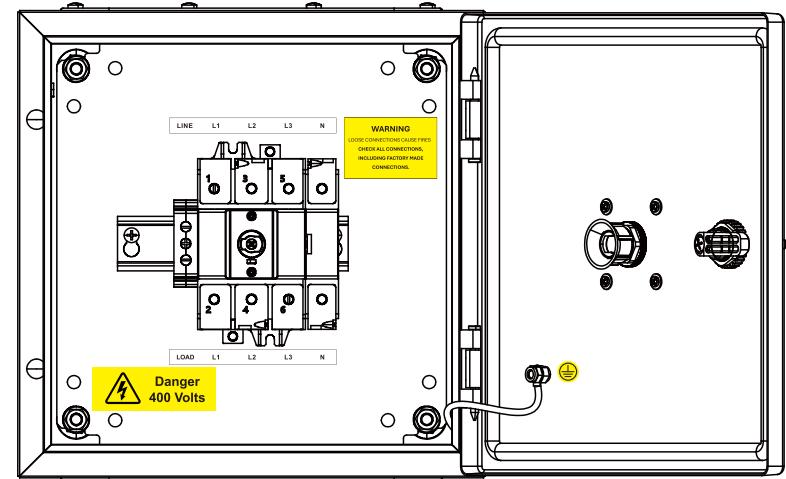
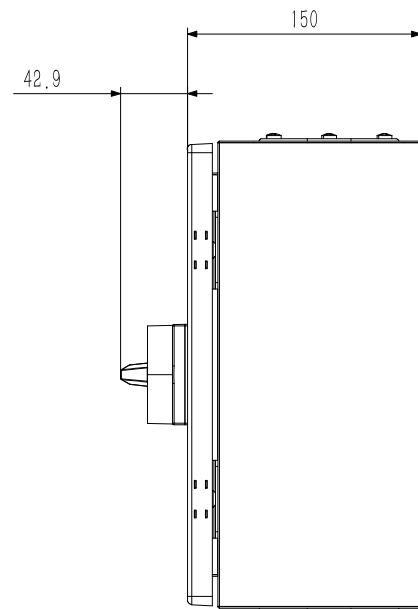
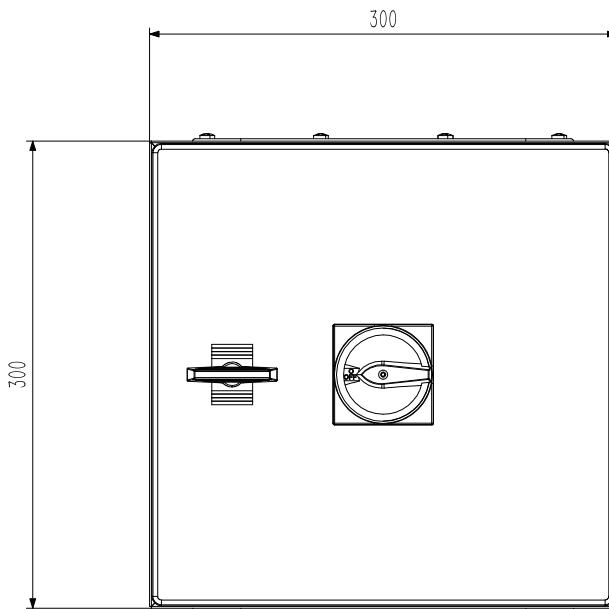


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## PRODUCT DIMENSIONS

### 100A - TPNI100

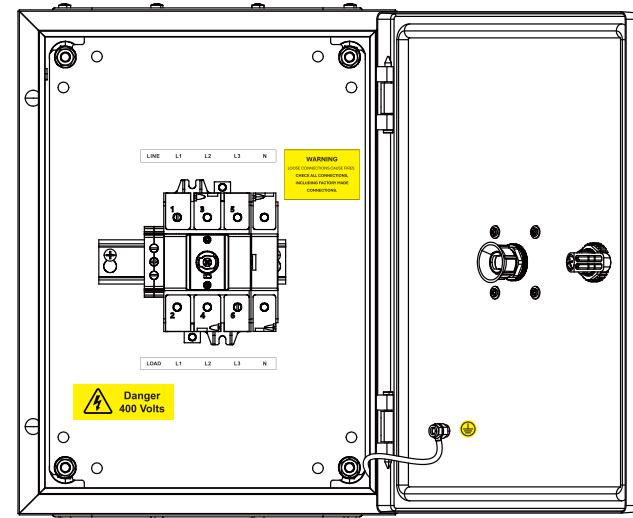
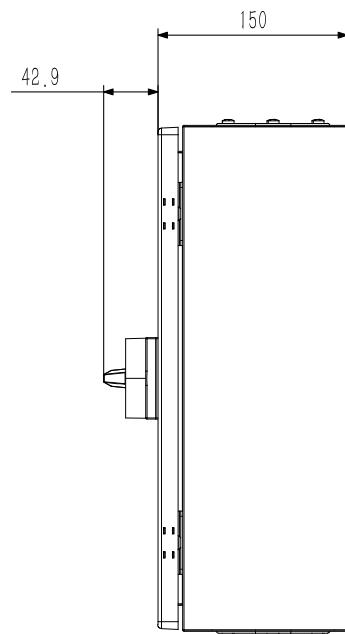
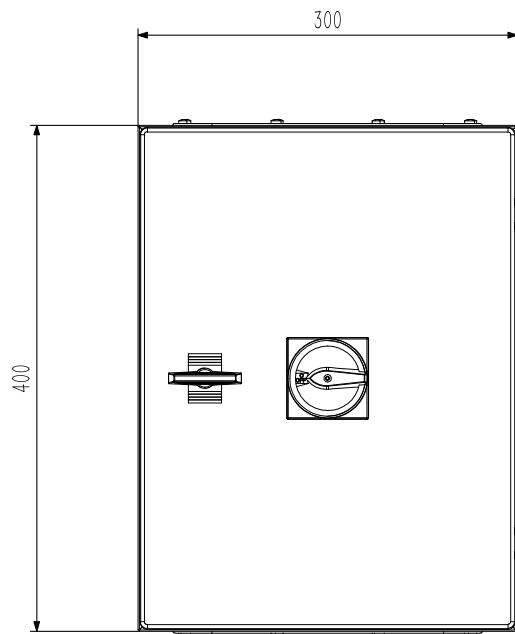


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## PRODUCT DIMENSIONS

### 125A - TPNI125



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