



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	IEC BS EN 60947-3				
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(Ip) r.m.s 415V AC	32A - 10kA, 63-80A - 15kA, 100-125A - 20kA				
RATED SHORT TIME WITHSTAND CURRENT (Icw) r.m.s 690V / 1 SECOND	32A - 1260A, 63-80A - 1500A, 100-125A - 2750A				
RATED SHORT CIRCUIT MAKING CAPACITY (Icw) (Icm) 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 ² , 63-80A - 2.5-35mm ² , 100-125A - 10-70mm ²				
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 POSTION 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

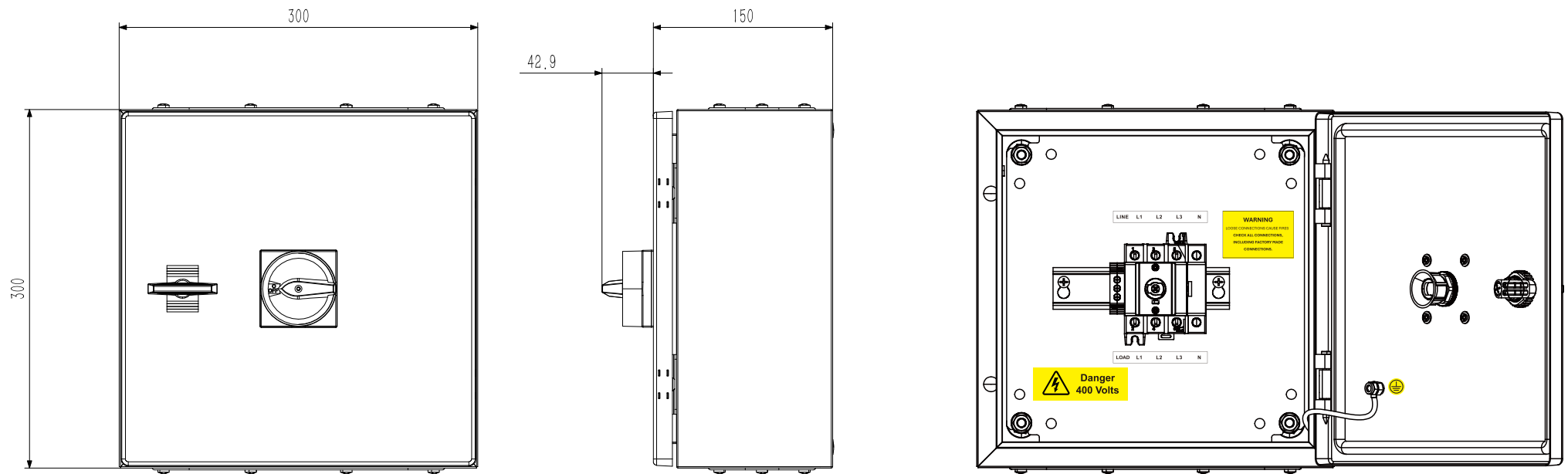
PRODUCT IMAGES & DIMENSIONS

32A TPNi032

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PRODUCT IMAGES & DIMENSIONS

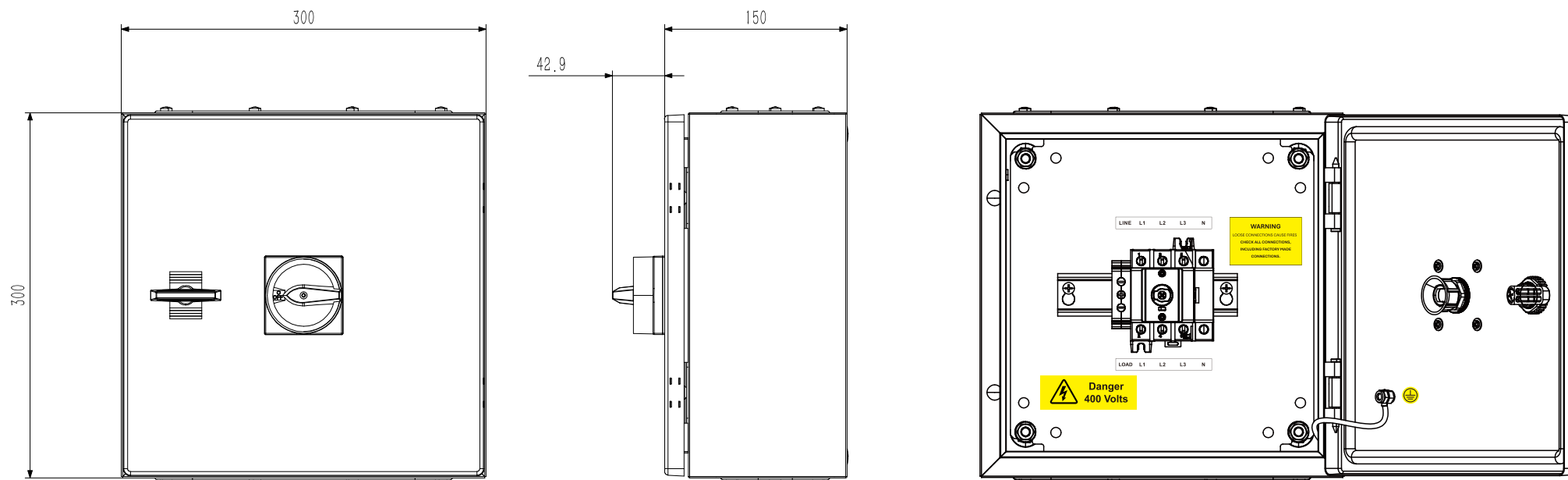
63A TPN1063



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PRODUCT IMAGES & DIMENSIONS

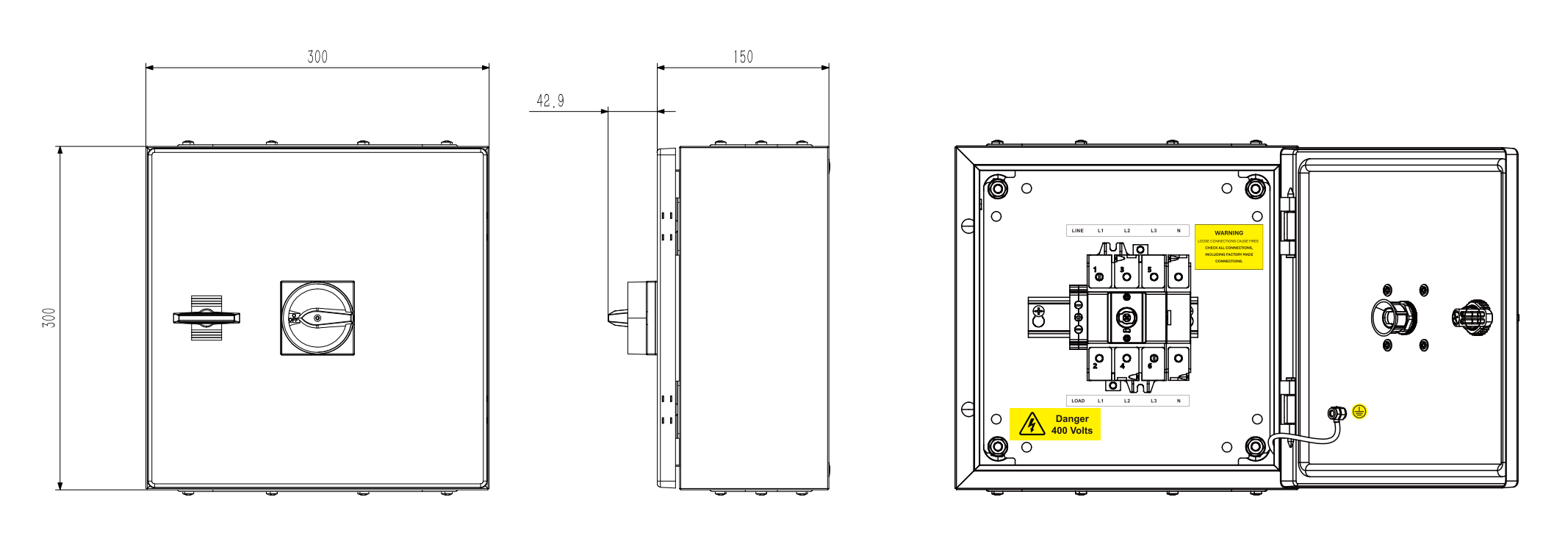
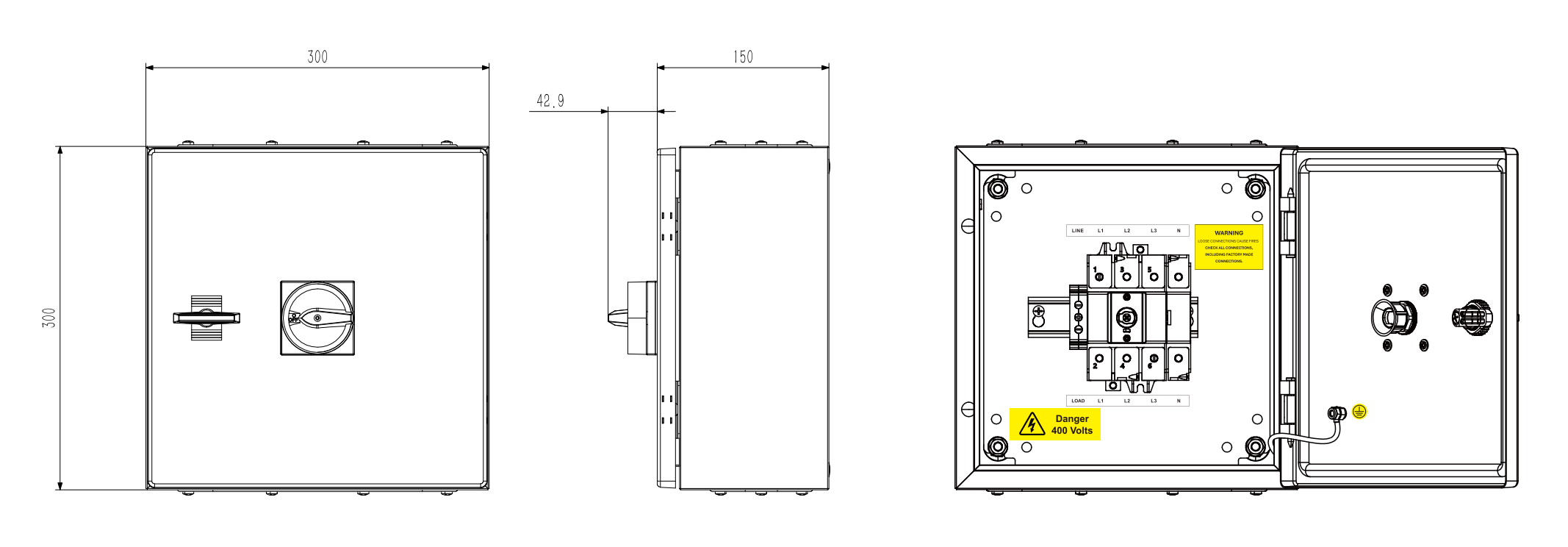
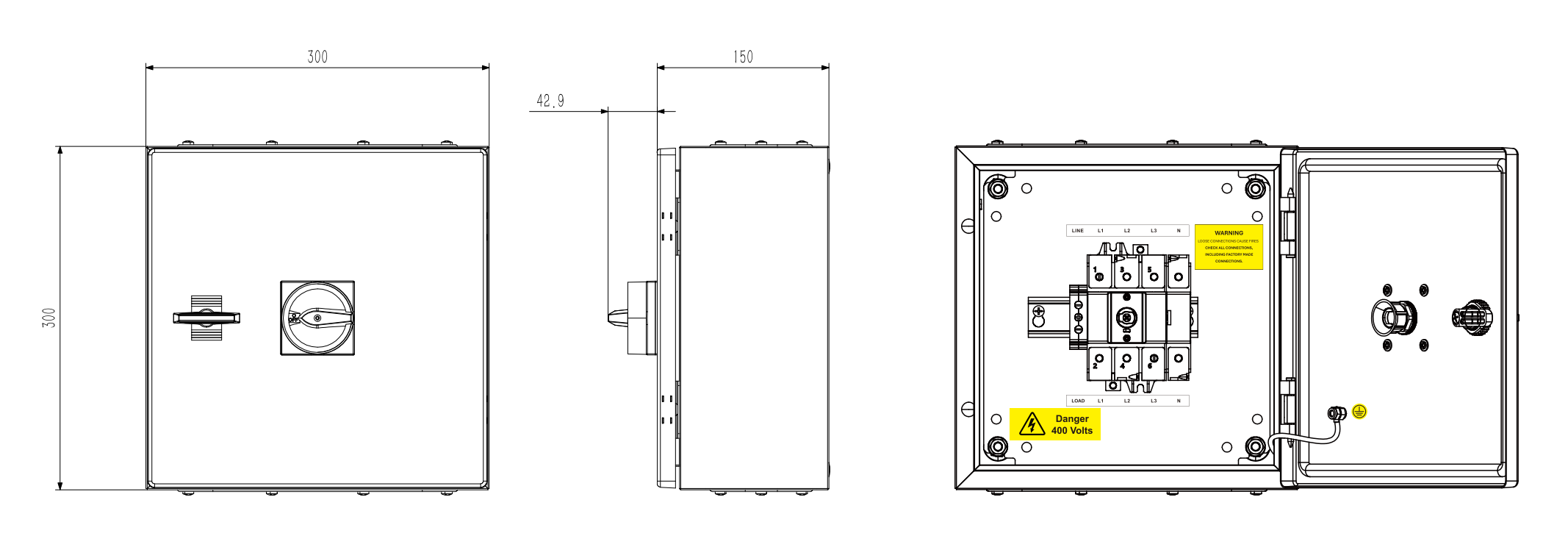
80A - TPN1080



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PRODUCT DIMENSIONS

100A - TPNI100



PRODUCT DIMENSIONS

125A - TPNI125

