

FuseBox®

TPN FUSED SWITCH 3P + N 32A - 100A

PART NUMBER	TPNFS032	TPNFS063	TPNFS080	TPNFS100
CURRENT RATING	32A	63A	80A	100A
UTILISATION CATEGORY	AC-23A	AC-23A	AC-23A	AC-23A
DIMENSIONS (HxWxD)mm	400x300x150	500x300x150	500x300x150	500x300x150
WEIGHT (1PC) Kg	7.24	8.72	8.74	9.04
GTIN-13	5060523527502	5060523524709	5060523524716	5060523524723
STANDARDS	TPN FUSED SWITCH - IEC BS EN 60947-3, FUSE HOLDER - IEC60947-1 IEC 60947-3, FUSE - IEC 60269-1 , IEC 60269-2			
COMPLIANCE	   			
RATED VOLTAGE (Un/AC)	690V			
FREQUENCY (Hz)	50/60			
PROTECTION DEGREE (IP)	FUSED SWITCH - IP65 FUSE HOLDER - IP20			
RATED INSULATION VOLTAGE	FUSED SWITCH - 800V AC FUSE HOLDER - 690V			
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			
RATED BREAKING CAPACITY	8 x ie			
TERMINAL TIGHTENING TORQUE (Nm)	32A- 1.5Nm, 63-80A - 4Nm, 100-125A - 7Nm			
SWITCH TERMINAL MIN/MAX CABLE CAPACITY LINE/LOAD (mm)	32A- 1.5-16mm ² , 63-80A - 2.5-35mm ² , 100-125A - 10-70mm ²			
FUSE HOLDER TERMINAL TIGHTENING TORQUE (Nm)	3Nm			
FUSE TYPE AND MAXIMUM RATING	22 x 58mm gG 100A Max			
FUSE HOLDER UTILISATION CATEGORY	AC-21b at 690V/100A			
FUSE HOLDER MOUNTING	35mm DIN RAIL			
FUSE HOLDER TERMINAL MIN/MAX CABLE CAPACITY	4-50mm 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 POSITION ONLY			
PAD LOCKABLE	OFF POSITION ONLY / MAX PADLOCK SHACKLE 8mm			
ENCLOSURE DOOR LOCKING	QUARTER TURN DOUBLE BAR LOCK			
MATERIAL	1.2mm STEEL			
FINISH	RAL7035			
CARTON QUANTITY	1			

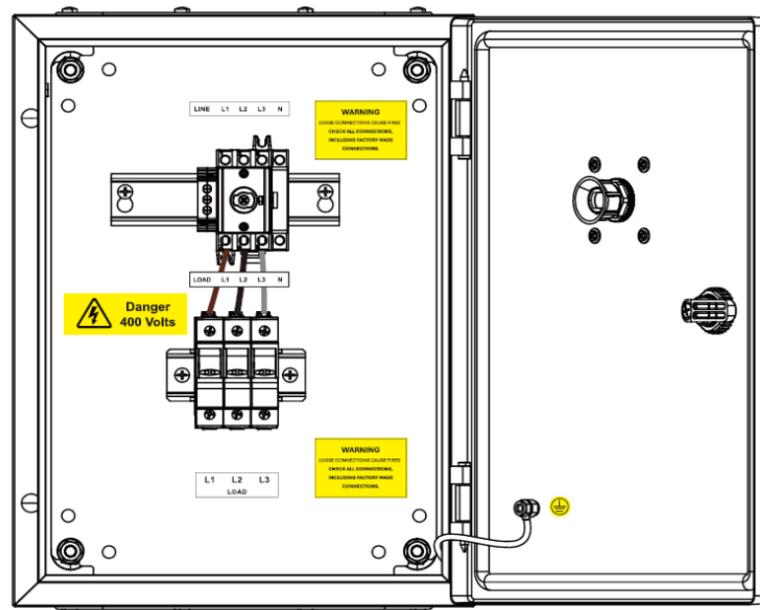
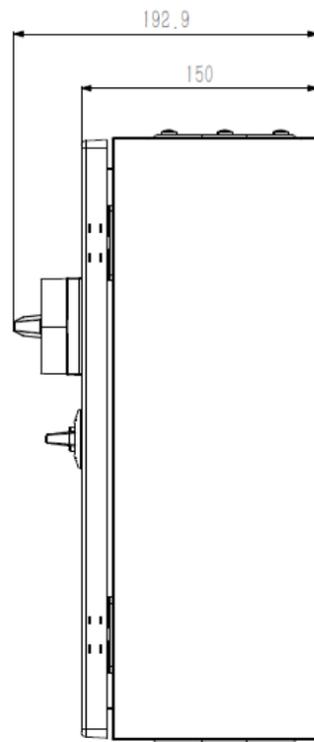
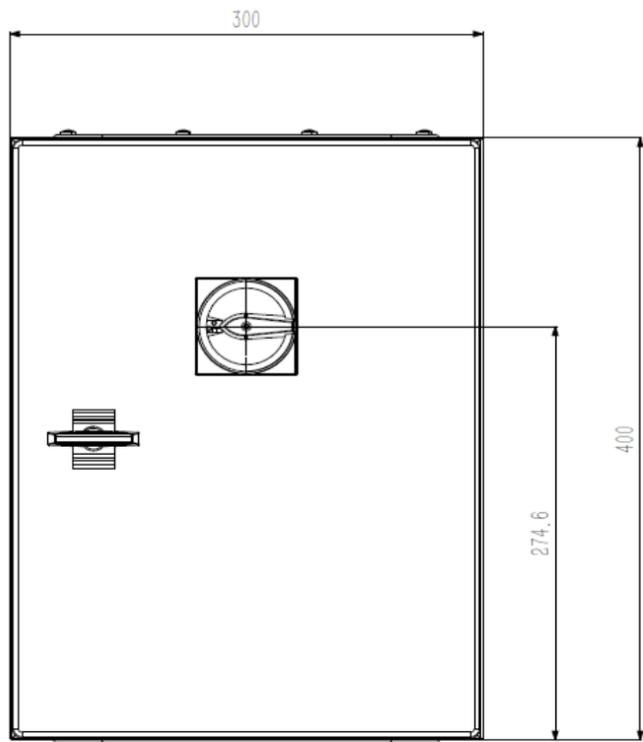
This 3P+N Fused Switch must be installed and tested by a qualified electrician in accordance with the current IET Wiring Regulations BS7671.

RATED OPERATIONAL CURRENT & POWER

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

PRODUCT IMAGES & DIMENSION

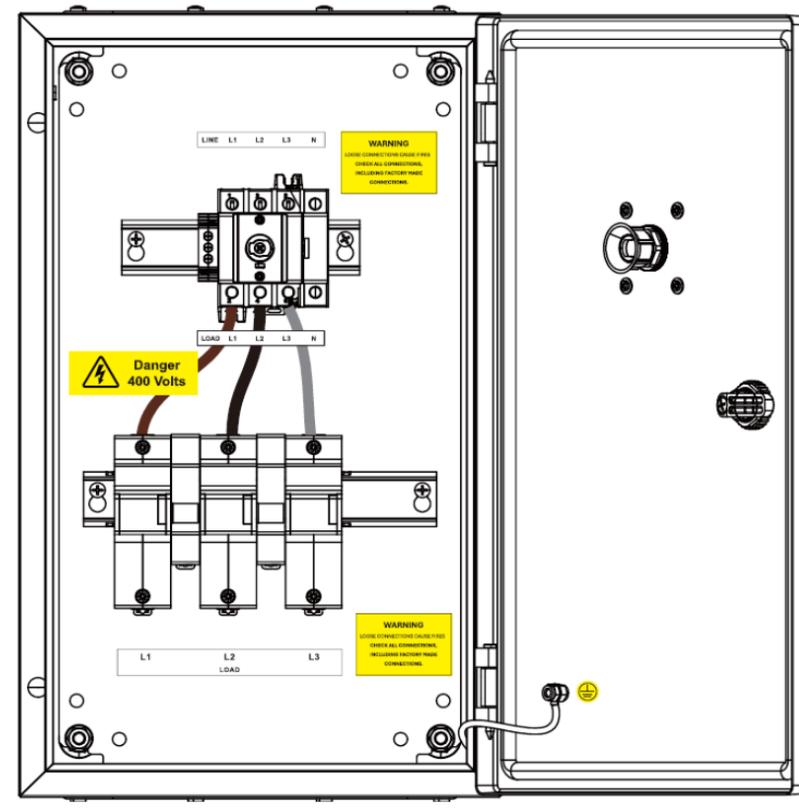
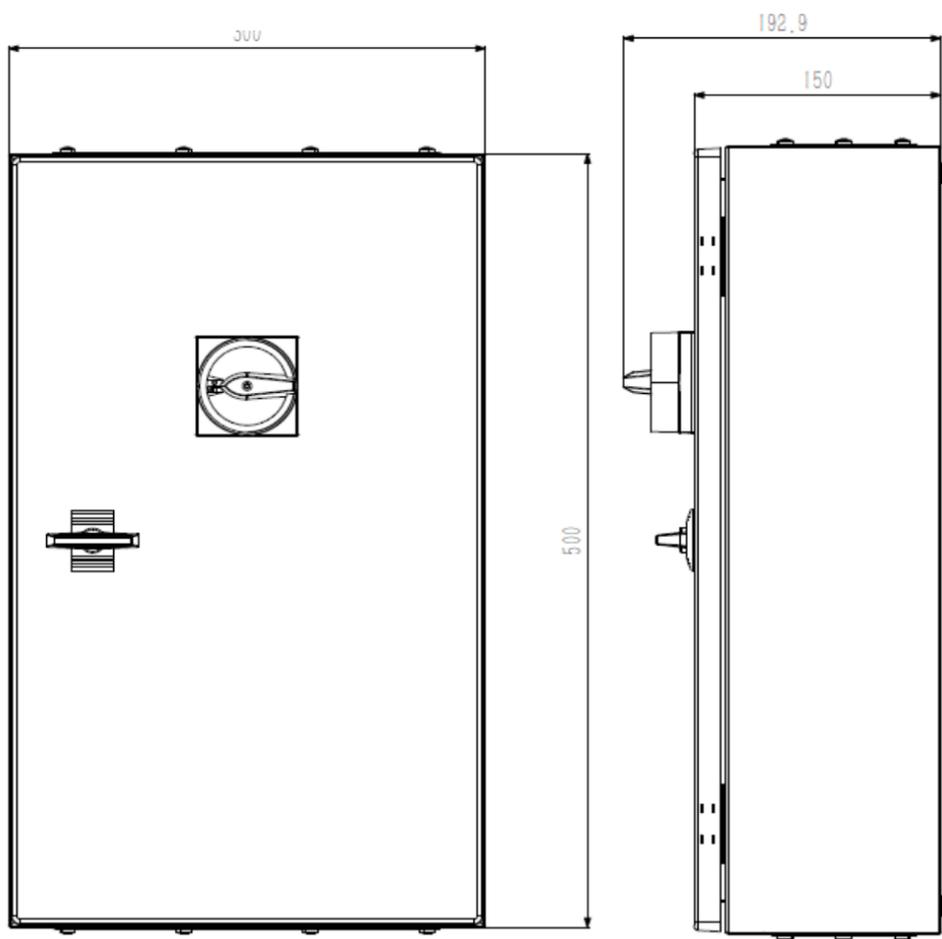
32A TPNFS032



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PRODUCT IMAGES & DIMENSION

63A TPNFS063

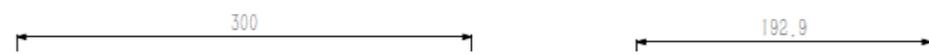


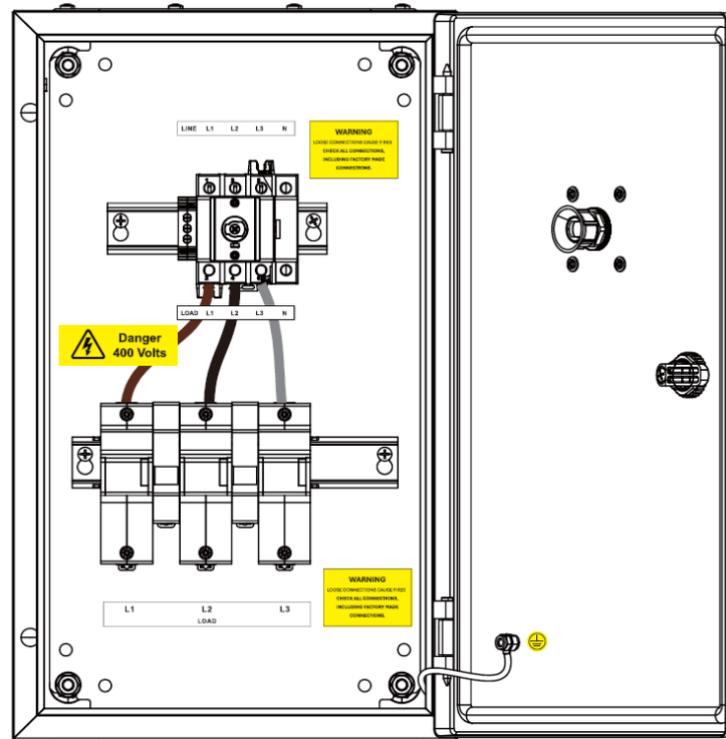
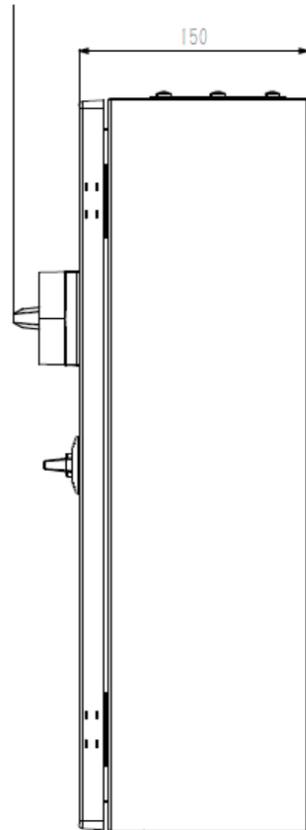
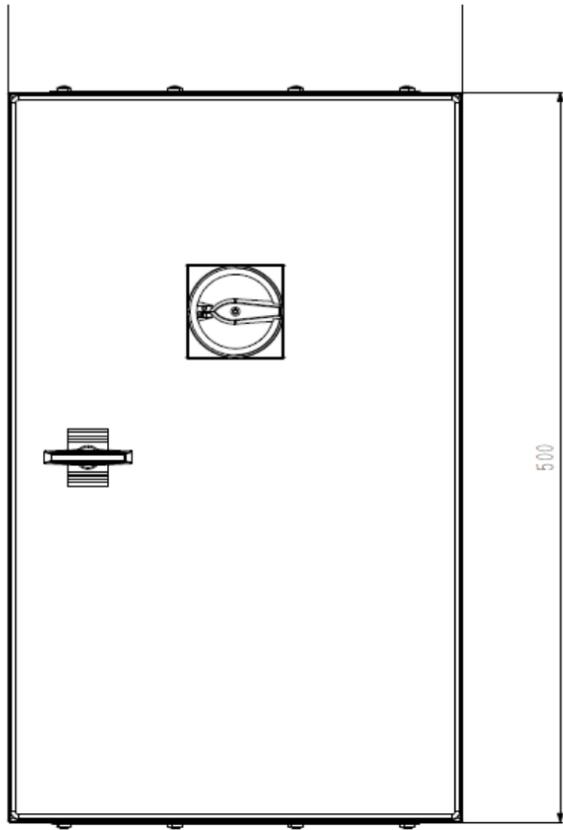
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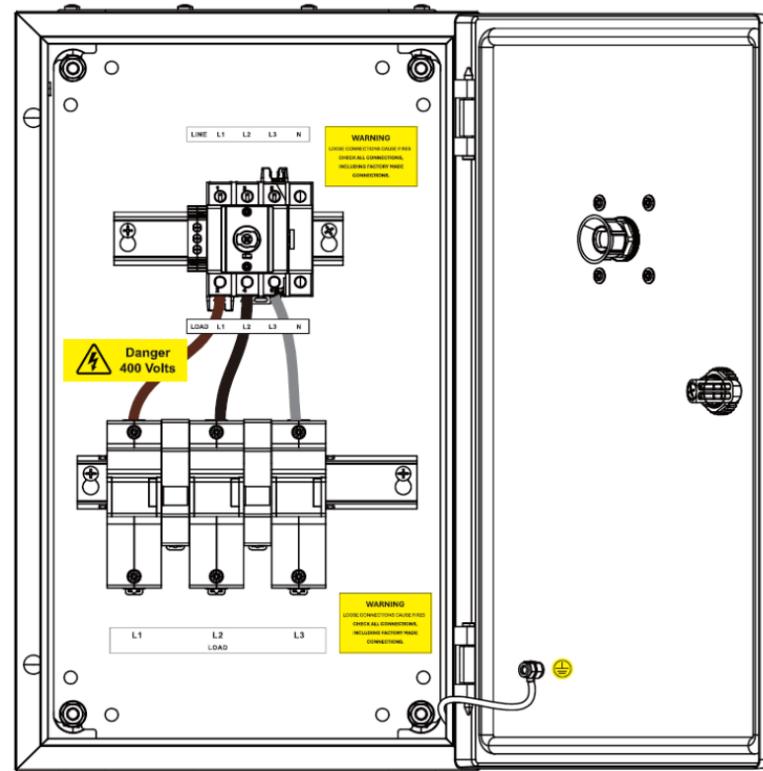
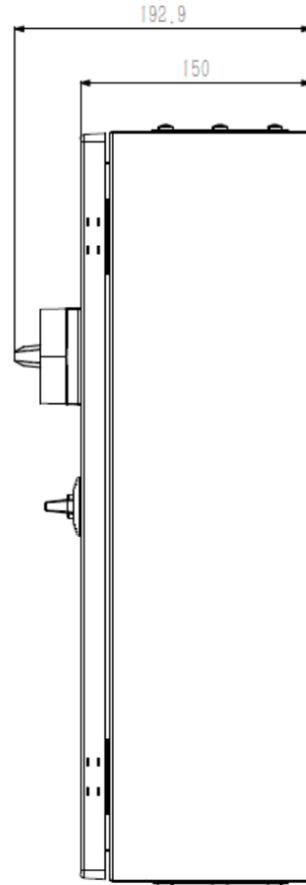
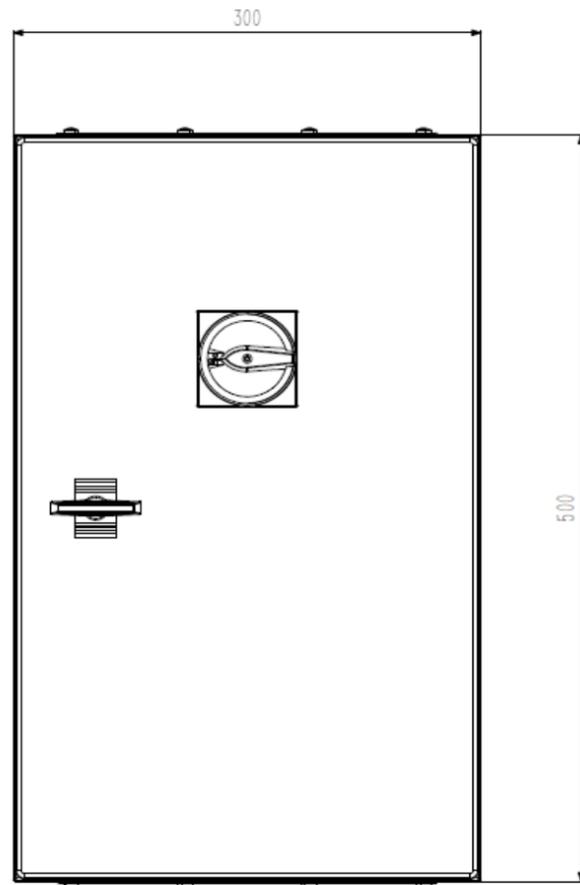
80A TPNFS080





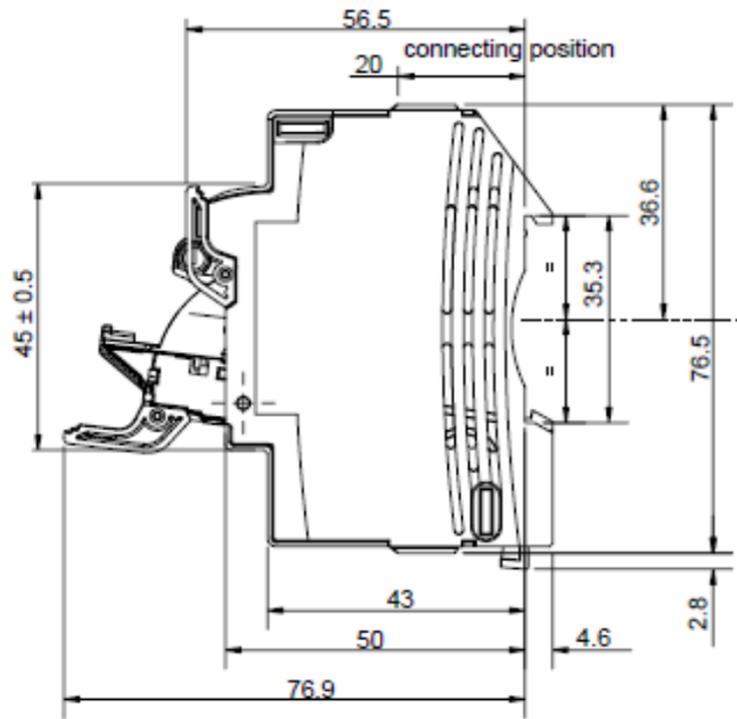
PRODUCT IMAGES & DIMENSION

100A TPNFS100

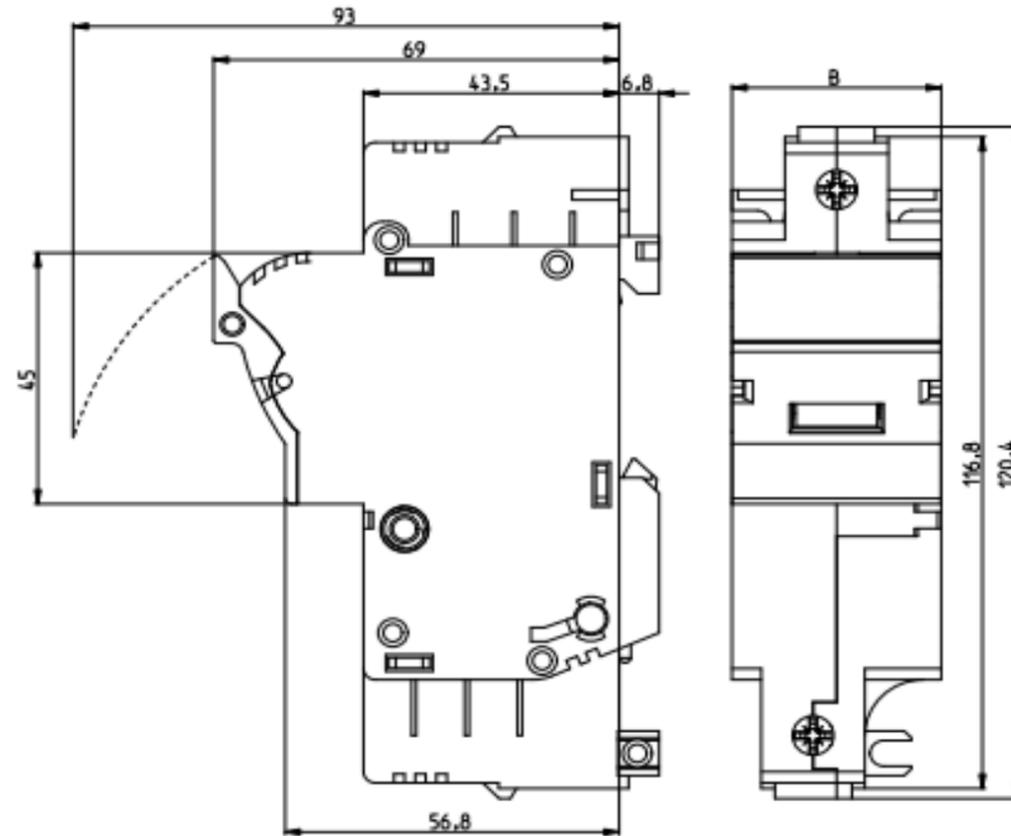


PRODUCT IMAGES & DIMENSION

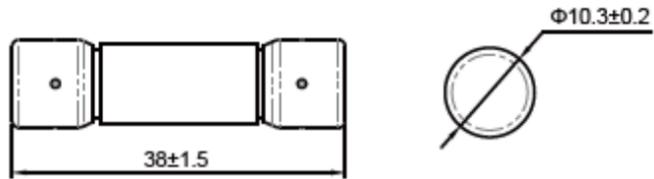
FUSE HOLDER DIMENSIONS
10x38mm (32A)



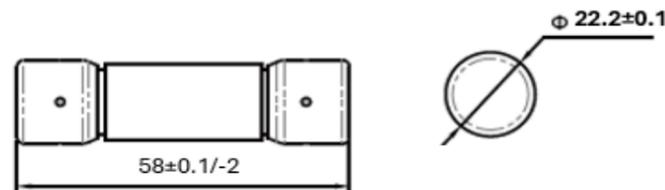
22x58mm (63A-100A)



FUSE DIMENSIONS 10x38



FUSE DIMENSIONS 22x58



Product Code	Barcode	Height (mm)	Width (mm)	Depth (mm)	Weight (kg)
TPNFS032	5060523527502	400	300	150	
TPNFS063	5060523524709	500	300	150	8.72
TPNFS080	5060523524716	500	300	150	8.74
TPNFS100	5060523524723	500	300	150	9.04