

DC Isolator

PEDS150H Series (R/F)



Small
volume



Flame
retardant
material



DC-PV1/PV2



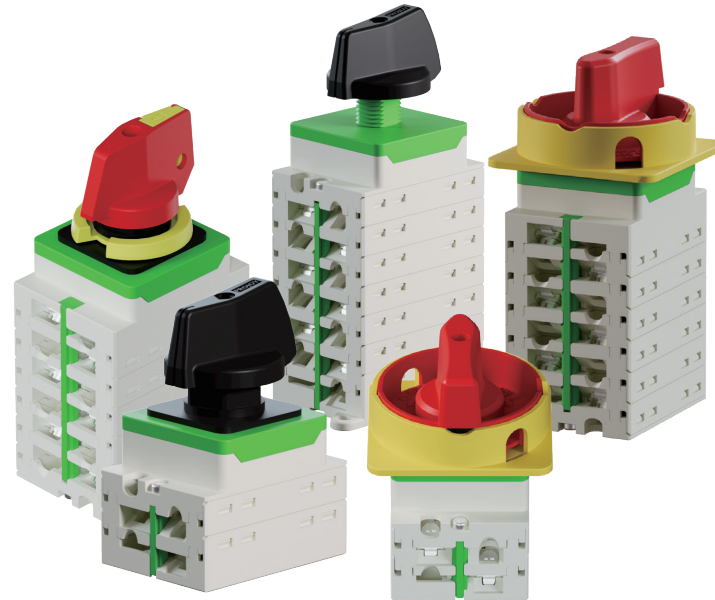
Arcing
Short



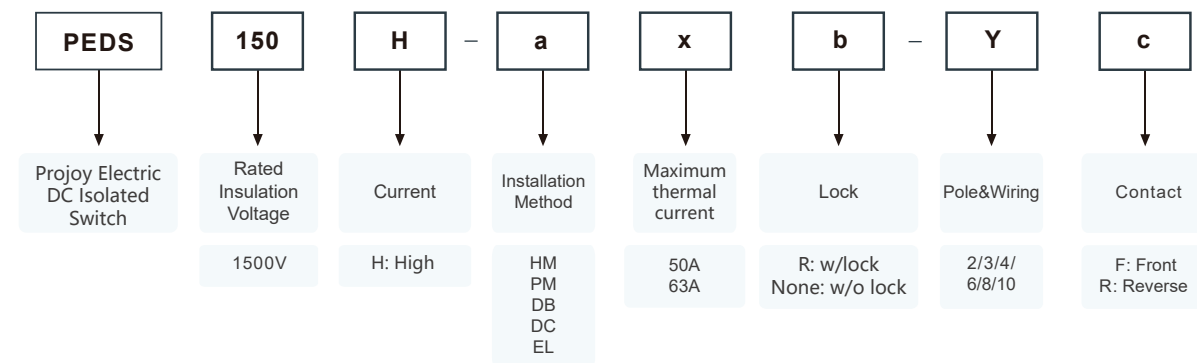
Complete
accessories



Multiple
wiring



Select Code



Technical Parameter

Comply to IEC/EN60947-3:2021, GB/T 14048.3, Utilization category DC-PV1/DC-PV2

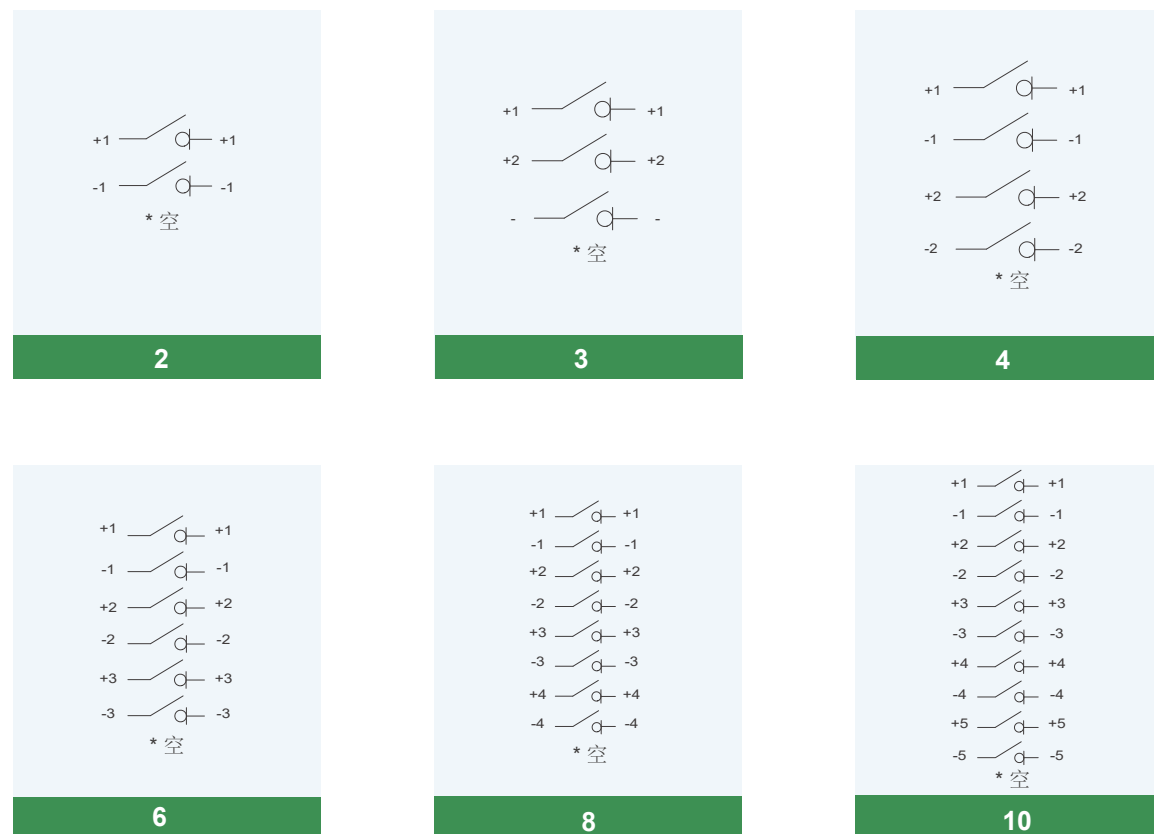
Main Parameters			PEDS150H-50 (R/F)	PEDS150H-63 (R/F)
Rated insulation voltage	Ui	V	1,500	
Maximum thermal current	Ith	A	50	63
Rated impulse withstand voltage	Uimp	V	8,000	
Rated short-time withstand current (1s)	Icw	A	780	
Rated short-circuit making capacity	Icm	A	1,200	
Maximum cable cross sections (incl. jumper)				
Solid or standard		mm ²	4-16	
Torque				
Tightening torque terminal screws M4.		Nm	1.2-1.6	
Tightening torque panel mounting screws ST4.2(304 stainless steel)		Nm	0.8-0.9	
Tightening torque single hole mounting nut M16		Nm	2.0-2.5	
Tightening torque knob screws M3		Nm	0.5-0.7	
Screw torque		Nm	1.5~2.0	
Knob positions			OFF at 12 hr,ON at 3 hr; (OFF at 9 hr,ON at 12 hr optional)	
Mechanical life			10,000	
Number of DC poles			2/3/4/6/8/10	
Distance of contacts (per pole)		mm	8	
Operation temperature		°C	-40 to +85	
Storage temperature		°C	-40 to +85	
Pollution degree			3	
Overvoltage category			II	
IP rating of shafte and mounting nut			IP66	

Technical Parameter

Data according to EN/IEC 60947-3:2021, Utilization category DC-PV1						Pole	No. of Strings	Part Number
800V	1000V	1100V	1200V	1300V	1500V			
50	50	-	40	-	30	2/3/4/6/8/10	1/2/2/3/4/5	PEDS150H-a50b-2/3/4/6/8/10c
63	-	50	-	40	30	2/3/4/6/8/10	1/2/2/3/4/5	PEDS150H-a63b-2/3/4/6/8/10c

Data according to EN/IEC 60947-3:2021, Utilization category DC-PV2					Pole	No. of Strings	Part Number
800V	1000V	1100V	1200V	1500V			
30	-	18	-	10	2/3/4/6/8/10	1/2/2/3/4/5	PEDS150H-a50b-2/3/4/6/8/10c
-	32	-	18	13	2/3/4/6/8/10	1/2/2/3/4/5	PEDS150H-a63b-2/3/4/6/8/10c

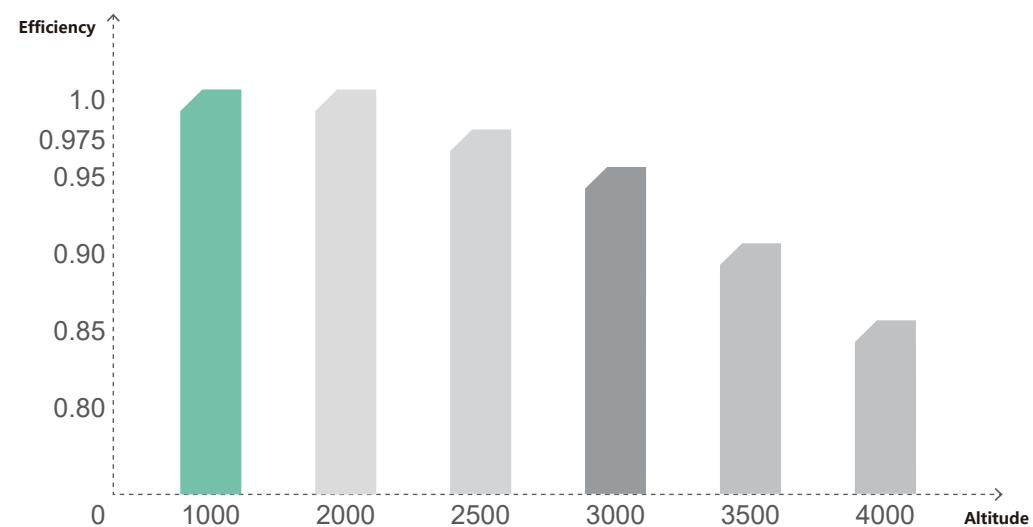
Schematic Diagram



* DB型号空置一层

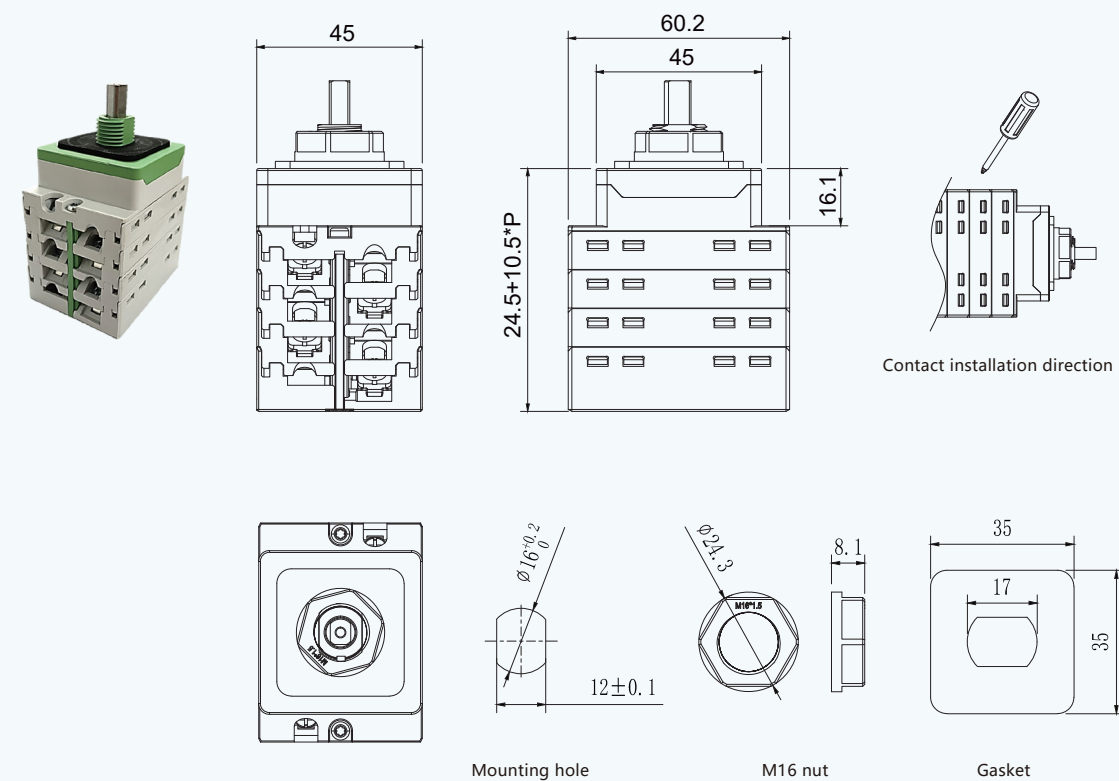
Derating curve

Altitude derating curve



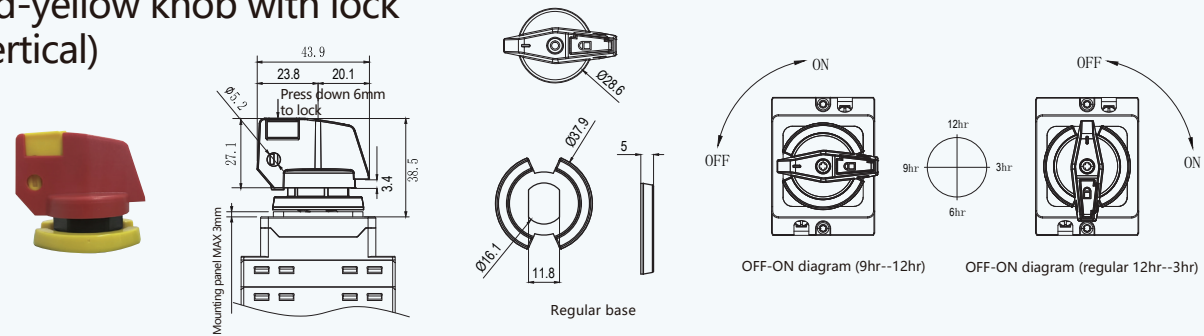
Dimensions

PEDS150H (Front contact, No-ear)

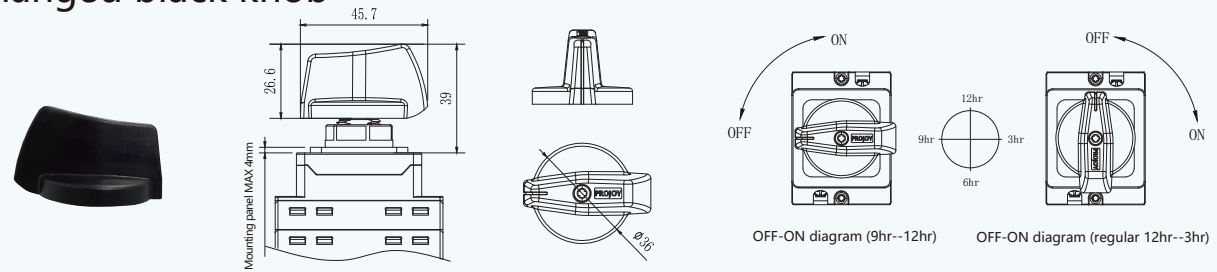


Dimensions

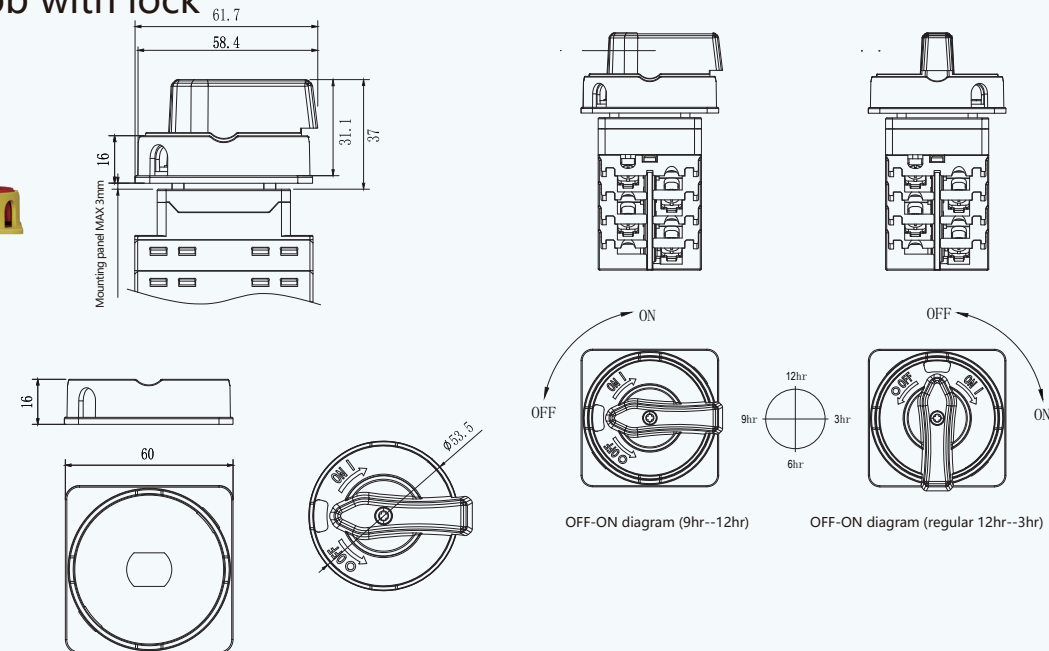
Red-yellow knob with lock (Vertical)



Changed black knob

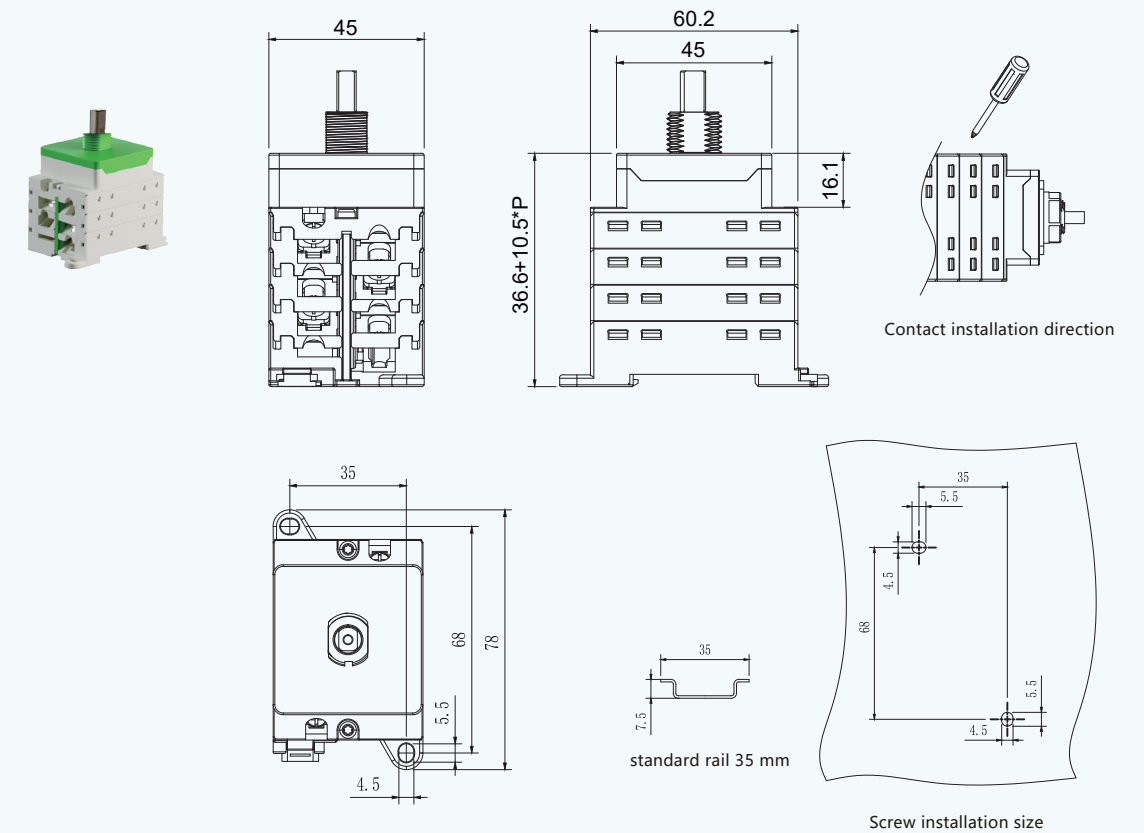


Panel knob with lock

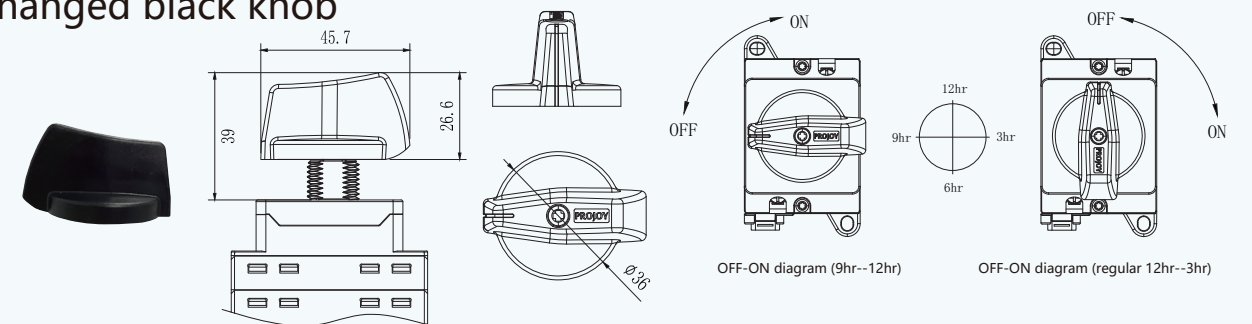


Dimensions

PEDS150H(Front contact, With ear)

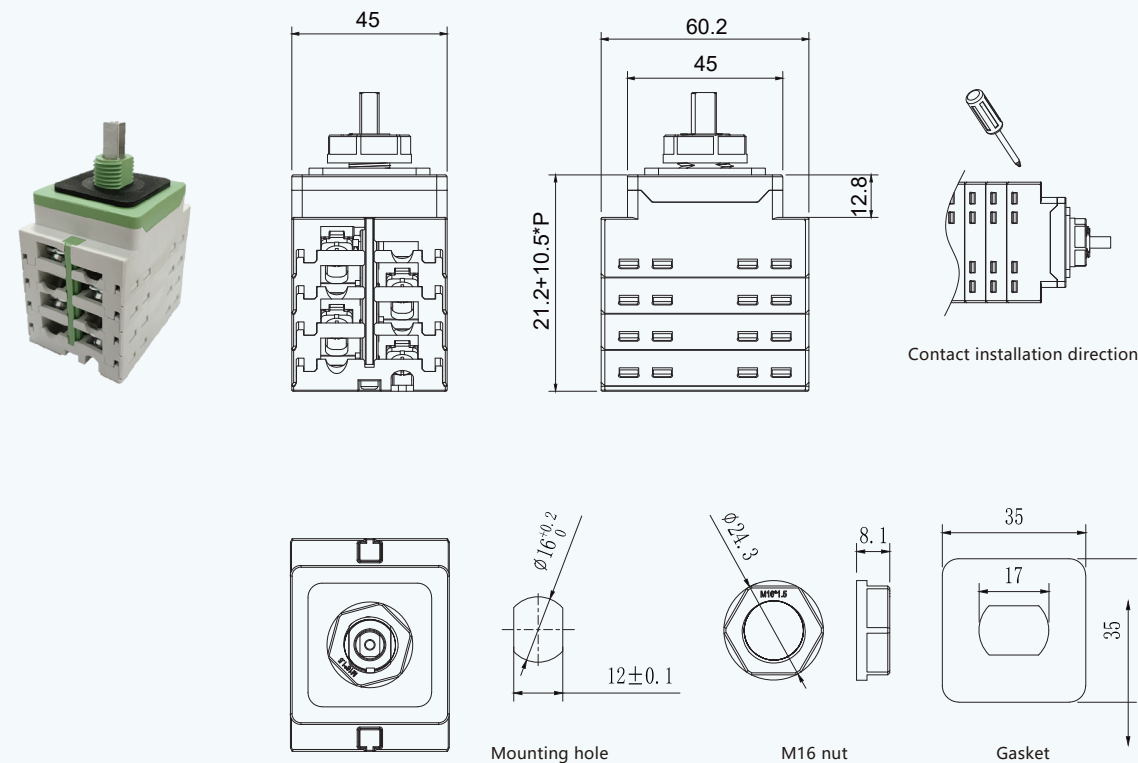


Changed black knob



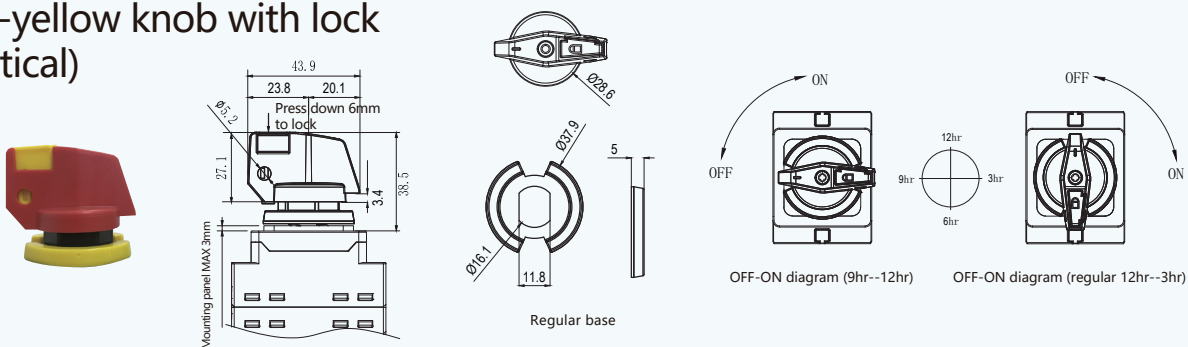
Dimensions

PEDS150H (Reverse contact)

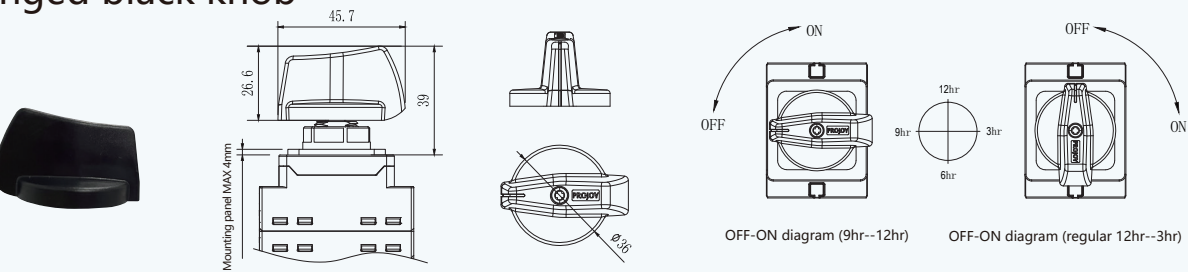


Dimensions

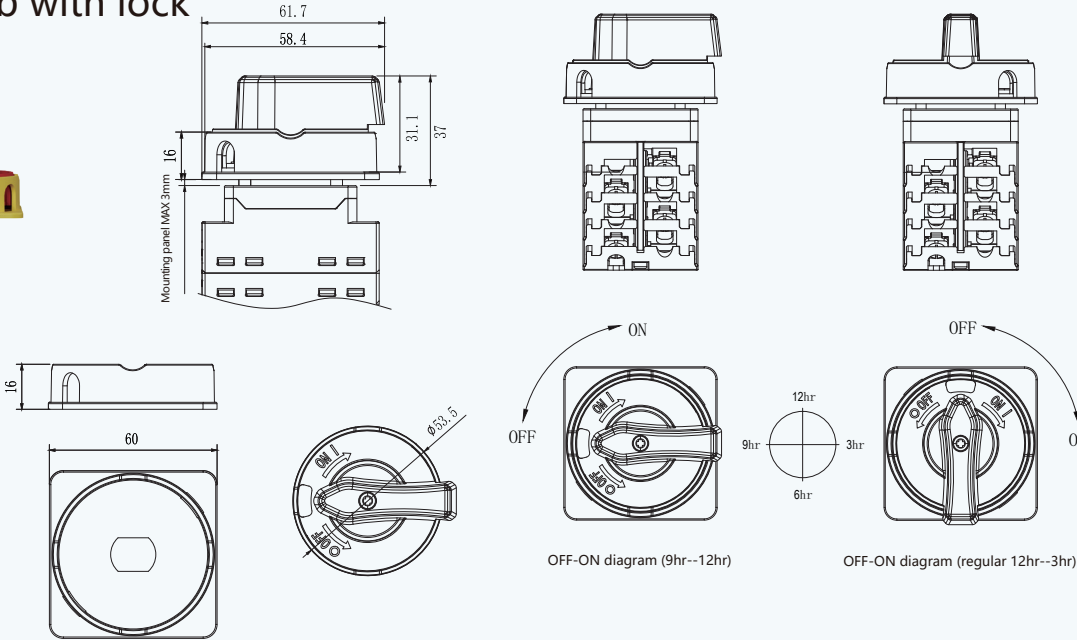
Red-yellow knob with lock (Vertical)



Changed black knob



Panel knob with lock



PROJOY
electric

— Switch To Safety! —