



Contact characteristics

IEC Conventional free air thermal current $I_{th} \leq 40^{\circ}\text{C}$	A	25
Rated insulation voltage U_i IEC/EN	V	1500
Rated impulse withstand voltage U_{imp}	kV	8
Operating current I_e		
DC21A		
600V	A	25
800V	A	25
1000V	A	16
DC21B		
600V	A	25
800V	A	25
1000V	A	16
DCPV1		
600V	A	25
800V	A	25
Power dissipation per pole max	W	0.8
Reactive power for control of capacitors at		
Rated short time current (1s) I_{cw} (rms)	kA	0.5
Mechanical life	cycles	10000

Mechanical features

Operating position	normal allowable	Vertical plan Any
Terminals	type	Screw with washer
	width mm	5.6
	height mm	6.5
	screw	M4
	tool	Phillips 1
Tightening torque for terminals	min Nm	1.2
	max Nm	1.6
	min lbin	10
	max lbin	14
Conductor section	IEC min mm^2	1
	IEC max mm^2	10
	AWG/kcmil min	18
	AWG/kcmil max	8

Ambient conditions

Operating temperature	min $^{\circ}\text{C}$	-25
	max $^{\circ}\text{C}$	+55

Storage temperature

min	°C	-40
max	°C	+70

Max altitude

m 3000

Resistance & Protection

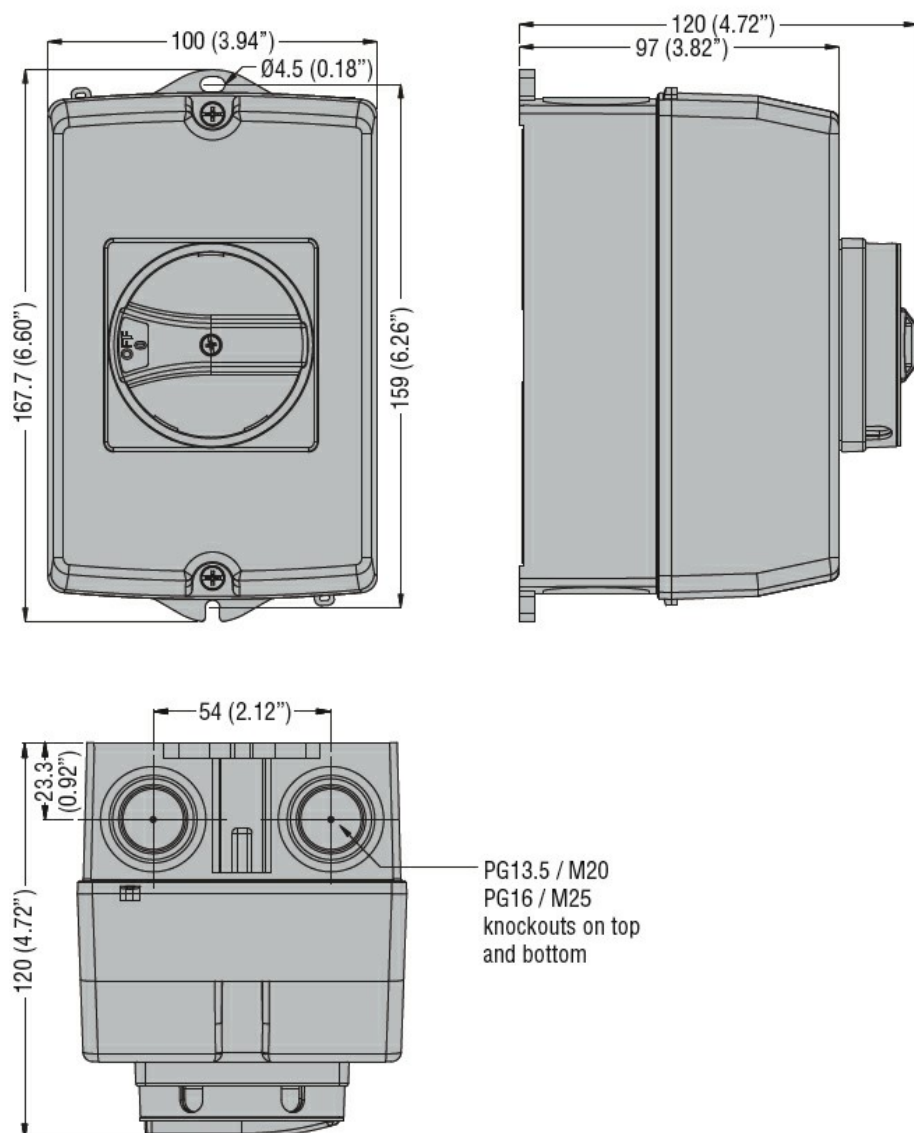
Frontal IP degree

IP65

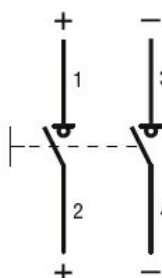
IP degree of protection

IP65

Dimensions



Wiring diagrams



Certifications and compliance

Compliance

SWITCH DISCONNECTOR, FOR PHOTOVOLTAIC APPLICATIONS, IEC/EN IP65 ENCLOSED,
WITH BLACK HANDLE, 16A 1000V. ENCLOSURE DIMENSIONS: 100X168X97MM/3.9X6.6X3.8"

IEC/EN 60947-1
IEC/EN 60947-3

Certifications

EAC

ETIM classification

ETIM 8.0

EC000216 -
Switch
disconnector