Suitable as photovoltaic disconnect switch in accordance with Article 690 of NFPA 70 (NEC) UL 508, including the requirements for PV application CSA C22.2 No. 0, - CSA C22.2 No. 14

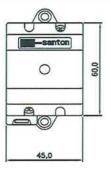


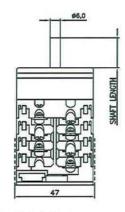


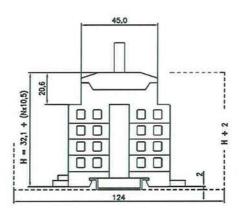
	-1/2/	Terminals	Schen	10			
Layer No.	Front Side				On Positions		
	Left Right		Left	Right	1 2	3 4	
	1	_/_	1		X	X	
2		_/_		1	X	X	
1		empty					

Symbols for interconnection: [

		Mirit		
nominal voltage (DC poles)	U		600	V dc
nominal current (DC poles)	1		16	A dc
method of mounting	DIN rail and	or Base mounting [B	1]	
number of poles, DC single pole switching			1	
utilization category DC	Photovolta	ic disconnect switch		
uator ordered without a knob				
method of operation	independent manual operation			
positions	OFF at 3 hr, ON at 6 hr, OFF at 9 hr, ON at 12 hr			
rated impulse withstand voltage	Uimp		8	kV
insulation voltage	Ui		600	V
rated thermal current uninterrupted duty	lu		16	A
rated short-time withstand current (1s)	lcw		750	A
minimum required dimensions of enclosures L x W x H*			124 x 47 x 53	mm
suitable for use on a circuit capable of delivery not more than 5.000 rms symme rated conditional short-circuit current	etrical Amperes,	600 Vdc max, when p	protected by fuses 5	kA
max power dissipation			1	W
minimum required dimensions of enclosures L x W x H*			The state of the s	mm
* see the drawing for the height of the switch. The number of layers N is:			2	
tightening torque terminal screws M4 , min max.		1,5	1,7	Nm
		13	15	Lb.In
tightening torque M3 screw in the standard black knob, min max.		0,5	0,7	Nm
		5	6	Lb.In
tightening torque for the nut on the single hole mounting knob, min max.		1,8	2,0	Nm
		16	18	Lb.In
wire size, "Use 75°C Copper Wire Only", minimum required fine wire cross-section	on:		2,5	mm2
			12	AWG
ambient temperature allowed between			- 20 to + 70 °C	.c
storage temperature allowed between			- 40 to + 80 °C	.c
maximum relative humidity, without condensation at 20°C			90	%
nominal voltage (AC poles)	U			Vac
nominal current (AC poles)	1			A ac
number of AC poles				
auxiliary contact: No auxiliary contact				
weight			157	g
accessories:	7			







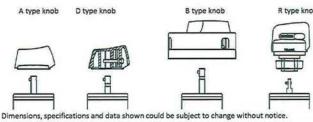
Mounting instructions

In the application all ratings have to be respected. The switch is designed for Use on a Flat Surfface of a Type 1 Enclosure or equivelent. The minimum dimensiones of the enclosure must be respected according to the applicable standards. The position of the handle of the switch shall be marked with a Position Indication plate or direct on thesurface of the enclosure to guide proper indication. The "On" and "Off" position may be marked using the symbols "I" and "O" according IEC 417 Symbols 5007 and 5008. The terminals, without interconnection can take copper wires up to 6 mm². The recommended Spade Tongue Terminals may have a maximum width of 9 mm. For CSA and UL applications, registered Spade Tongue Terminals must be used. The registration numbers are UL: E13288 and CSA: LR7189 (for instance type 165015 from Tyco). After mounting, the wiring must be checked and the switch must operate smoothly.

Maintenance

The X type switches are designed for a very long life but it is advised to do some simple yearly maintenance.

- Check the installation for signs of overload or overheating. The terminals may not exceed the limit of 85°C under full load.
- By operating the switch a few times (5x) the contacts will clean themselves and the switch will have a longer life.



Superior Switch Solutions