## THE NEW SANTON X-TYPE SWITCH

## TECHNICAL SPECIFICATIONS AND INSTRUCTIONS FOR USE

SANTON X-TYPE SWITCH: X60.25P4E-(A)



Switch disconnector for solar application according to IEC 60947-1&3



	Contact scheme				Positions			
	Marking	Symbol	Marking	1	2	3	4	
12		_/_						
11		-/-						
10		-/-						
9		-/-						
8		-/-						
7		-/-						
6		-/-						
5		-/-						
4	+2	-/-	+2	Х				
3	-2	-/-	-2	Х				
2	-1	-/-	-1	Х				
1	+1	-/-	+1	Х				

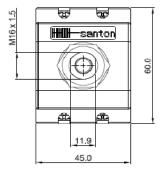
Contacts are made in "X" marked position.

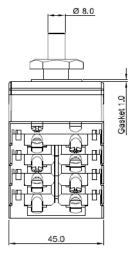
	nection:

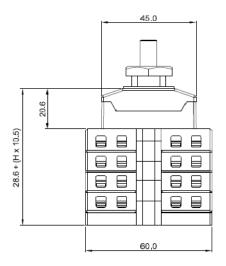
In minial current (DC poles) In mominal current (Second rating DC poles, if requested) In mominal current (second rating DC poles, if requested) In method of mounting Interest of DC poles Interest o	Technical data	Symbol	Unit		
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In method of mounting DC poles, if requested) In method of mounting Management (second rating DC poles) In the property DC poles In the property D	nominal current (DC poles)	le	25	A dc	
nethod of mounting single hole mounting IPG5 [P] number of DC poles 4  titlization category DC DC-218  actuator without a knob, suitable for standard black knob [A] boc-218  actuator Without a knob, suitable for standard black knob [A] boc-318  actuator OFF at 12 hr, ON at 3 hr [E]  actuation without a knob, suitable for standard black knob [A] boc-318  actuated impulse withstand voltage Uim 600 V  actuated impulse withstand voltage Uim 600 V  actuated short-circuit uninterrupted duty Iu 25 A  actuated short-circuit making capacity Icm 1.4 kA  actuated short-circuit making capacity Icm 1.4 kA  actuated conditional short-circuit current Icm 4 kA  anax, cut-off current Icm 4 kA  anax, cut-off current Icm 4 kA  anax power dissipation Independent manual operation	nominal voltage (second rating DC poles, if requested)	Ue		V dc	
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P rating terminals IP20 P rating gland of the shaft in case of single hole panel mounting IP65 nominal voltage (AC poles) Ue 0 V AC	maximum relative humidity, without condensation at 20°C		90	%	
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	IP rating gland of the shaft in case of single hole panel mount	ing	IP65		
nominal current (AC poles) le 0 A AC	nominal voltage (AC poles)	Ue	0	V AC	
	nominal current (AC poles)	le	0	A AC	
number of DC poles 0	number of DC poles		0		
auxiliary contact, nominal current 16A at 250 V, AC15 No auxiliary contact	auxiliary contact, nominal current 16A at 250 V, AC15 No auxiliary contact				
weight 221 g	weight		221	g	
accessories:	accessories:				

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## Mounting instructions

In the application all ratings have to be respected. When building the switch in an enclosure, the space envelope must be respected. The terminals can take flexible wires up to 6 mm² and fork shoes for wires up to 10 mm² (type 3547C from Vogt). 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

Dimensions, specifications and data shown could be subject to change without notice.

Superior Switch Solutions