

X60.25PKS2E-(A)

Data Sheet Santon X-Type switch X60.25PKS2E-(A)



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

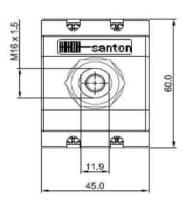


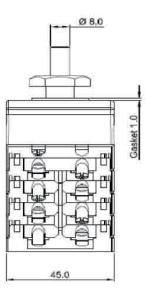
Contact Scheme									
Layer	Marking	Symbol	Marking	On Positions					
No.	Ŭ		Ŭ	1	2	3	4		
12		-/-							
11		-/-							
10		-/-							
9		-/-							
8		-/-							
7		_/_							
6		_/_							
5		-/-							
4		-/-							
3		-/-							
2	-1	-/-	-1	Х					
1	+1	-/-	+1	Х					

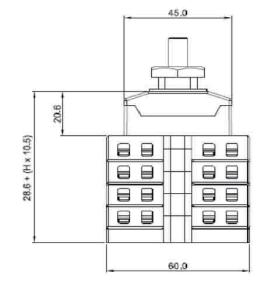
Contacts are made in "X" marked position. Symbols for interconnection: []

Image32A dcominal current (DC poles)UeV dcominal current (second rating DC poles, if requested)IeA dcethod of mountingsingle hole mounting IP65 [P]Imageumber of DC poles2Imageillization category DCDC-21Btuatorwithout a knob, suitable for standard black knob [A]ositionsOFF at 12 hr, ON at 3 hr [E]ted impulse withstand voltageUimp8suitation voltageUi600vted short-circuit making capacityIcmted short-circuit making capacityIcm1,4ted conditional short-circuit current2kAax power dissipation3,3Wethod of operationindependent manual operationmmsee the drawing for the height of the switch. The number of layers H is:2rminal screws M4 need a tightening torque, min max.2,02,5nheimur equired fine wire cross-section: IEC60947-1, table 96mm²nbient temperature allowed between-5 and +40°C	Technical data	Symbol		Unit		
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	minimum required fine wire cross-section: IEC60947-1, table 9		6	mm²		
orage temperature allowed between - 40 and + 80 °C	ambient temperature allowed between	-	5 and + 40	°C		
	storage temperature allowed between	- 40) and + 80	°C		
aximum relative humidity, without condensation at 20°C 90 %	maximum relative humidity, without condensation at 20°C		90	%		
ollution degree 2	pollution degree		2			
rating terminals IP20	IP rating terminals		IP20			
rating gland of the shaft in case of single hole panel mounting IP65	IP rating gland of the shaft in case of single hole panel mounting		IP65			
ominal voltage (AC poles) Ue V ac	nominal voltage (AC poles)	Ue		V ac		
ominal current (AC poles) Ie A ac	nominal current (AC poles)	le		A ac		
umber of DC poles	number of DC poles					
ixiliary contact, nominal current 16A at 250 V, AC15 No auxiliary contact	auxiliary contact, nominal current 16A at 250 V, AC15	ry contact				
	weight	-				
	accessories:	-		-		









H is the number of layers in the switch

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 are be subject to change without notice.