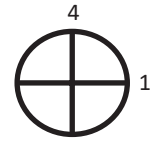




Data Sheet Santon X-Type switch X75.25B6E-A

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



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

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

Technical data	Symbol	Merit	Unit
nominal voltage (DC poles)	Ue		750 V dc
nominal current (DC poles)	Ie		25 A dc
nominal voltage (second rating DC poles, if requested)	Ue		V dc
nominal current (second rating DC poles, if requested)	Ie		A dc
method of mounting	DIN rail and or Base mounting [B]		
number of DC poles			6
utilization category DC			DC-21B
actuator	standard black [A]		
positions	OFF at 12 hr, ON at 3 hr [E]		
rated impulse withstand voltage	Uimp		8 kV
insulation voltage	Ui		1000 V
rated thermal current uninterrupted duty	Iu		25 A
rated short-time withstand current (1s)	Icw		750 A
rated short-circuit making capacity	Icm		1,4 kA
rated conditional short-circuit current			5 kA
max. cut-off current			kA
max power dissipation			0,6 W
method of operation	independent manual operation		
minimum required dimensions of enclosures L x W x H*			124 x 47 x 98 mm
* see the drawing for the height of the switch. The number of layers H is:			3
terminal screws M4 need a tightening torque, min. - max.	1,5	1,7	Nm
tightening torque screw in the standard black knob, min. - max.	2,0	2,5	Nm
minimum required fine wire cross-section: IEC60947-1, table 9			4 mm ²
ambient temperature allowed between		- 5 and + 40	°C
storage temperature allowed between		- 20 and + 70	°C
maximum relative humidity, without condensation 20°C			90 %
pollution degree			2
IP rating terminals			IP20
IP rating gland of the shaft in case of single hole panel mounting			
nominal voltage (AC poles)	Ue		V ac
nominal current (AC poles)	Ie		A ac
number of DC poles			
auxiliary contact, nominal current 16A at 250 V, AC15	No auxiliary contact		
weight			284 g
accessories:	0		
	0		