



High-rating DC switch disconnectors

Serie 55DC switch-disconnectors are manually operated load break switches that provide safety isolation for any low voltage direct current circuit on photovoltaic applications.

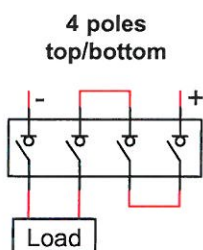
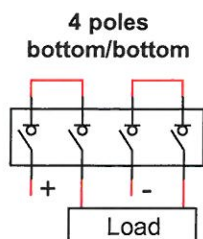
According to standards

- IEC 60947-3
- EN 60947-3
- VDE 0660-107 (1992)
- IEC 60364-4-410 (Protection to ensure safety against electrical shocks).
- IEC 60364-7-712 .
- DIN VDE 0126

General characteristics

- Fully visible breaking.
- High thermal and dynamic withstand.
- Operational load duty categories DC-21 and DC-22.

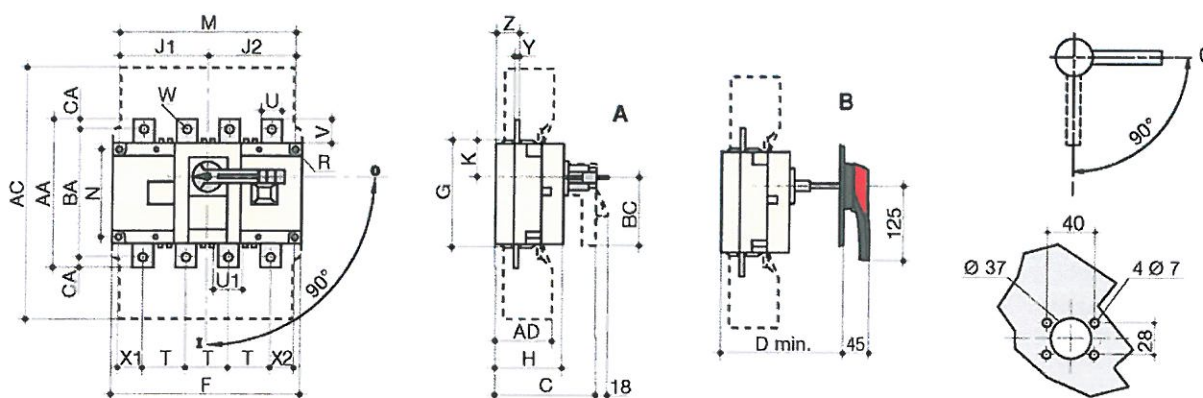
Connection



Technical characteristics and types

reference	poles	Load duty category DC-22			
		220 V	400 V	600 V	800 V
 55DC4014	4	125 A	125 A	80 A	63 A
 55DC4026	4	250 A	250 A	125 A	125 A
 55DC4032	4	315 A	315 A	250 A	250 A

Dimensions



size (A)	Overall dimensions		Terminal shrouds			Switch body					
	C	D min.	AC	AD	F	G	H	J1	J2	K	BC
125	120	125	235	50	170	93	65	75	75	31,5	80
250	130	135	280	60	230	108	75	105	105	34	115
315	160	165	401	89	290	170	110	135	135	55	115

size (A)	Connection terminals														
	M	N	R	T	U	U1	V	W	X1	X2	Y	Z	AA	BA	CA
125	150	65	5,5	36	20	20,5	25	9	22	20	3,5	20,5	135	115	10
250	210	80	5,5	50	25	20,5	30	11	33	27	3,5	22,5	160	130	15
315	270	140	7	65	32	45,5	37,5	11	37,5	37,5	5	36	235	205	15

Accessories



Direct handle

Characteristics	In	References
Easy mounting with frontal access screw	125A	26995042
Lockable with padlocks.	250 and 315A	26995052



Exterior handle

Characteristics	In	References
Easy to mount from the exterior or the interior of the panel.	125 to 315A	1G212118
Material highly resistant against UV and aggressive environments.		
Built-in interlock facility.		
Padlockable handle.		



Prolongued shafts

Characteristics	Lenght	References
Interlocking bit in Zamac material provides high strength	200 mm	14001020
	250 mm	14001025
Shafts surface treated against corrosion	320 mm	14001032
Multiple length choices	500 mm	14001050



Screen protection

Characteristics	In	References
Easy to install	125A	26984012
Transparent plastic material permits to check connections visually	250A	26984020
	315A	26984050



Auxiliary contacts

Characteristics	Function	References
Early break and signalling functions	1st contact	26990031
Easy to install "plug-in"	2nd contact	26990032



Series bridging

Characteristics	In	References
Electrolitic treatment against oxidation Supplied 2 bridges by reference	125A	41DC4014
	250A	41DC4026
	315A	41DC4032