

PV switch disconnector LS DC

The construction of the switch ensures reliable switching up to 58A with 1000V in the category DC 21B. The construction of the contacts and the material selection guarantee that no oxidation (small switching frequency develops, and is thus prevented inadmissible heating-up). The switch disconnector has 2, 4 or 4+2 contacts, by serial / paralel wirring of the contacts the contact rating will be increased. The switching speed at the manually operated handle does not have an effect on the switching attitude of the con- tacts.



General characteristics

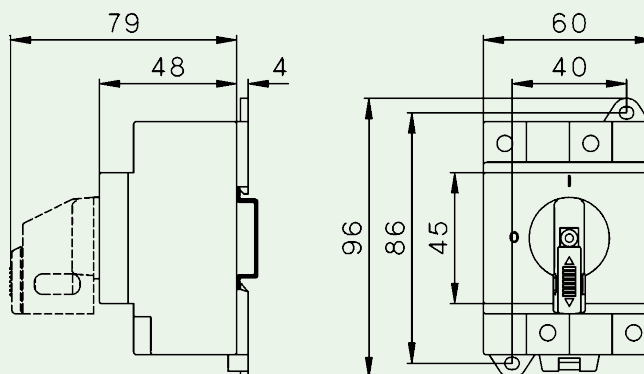
Rated voltage	≤ 1000V d.c.
Rated current	≤ 58A d.c.
Standards	IEC 60364-7-712
Application	For interrupting the DC/AC inverter from the solar panels

PV switch disconnector for photovoltaic systems

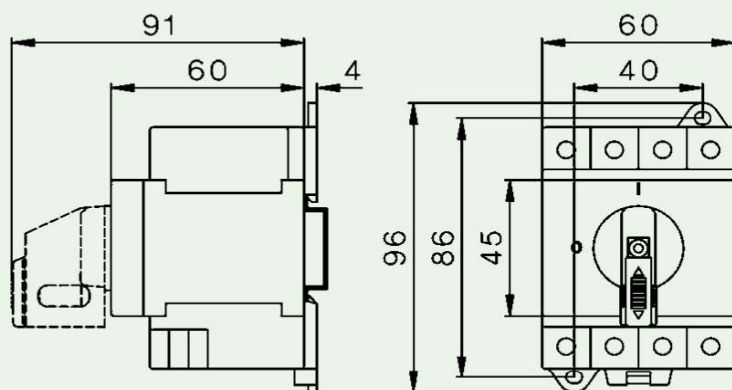
Code	Type		Weight [g]	Packaging [pcs]
004660060	LS16 SMA A2	2-pole	150	1
004660061	LS25 SMA A2			
004660062	LS32 SMA A2			
004660063	LS16 SMA A4	4-pole	150	1
004660064	LS25 SMA A4			
004660065	LS32 SMA A4			
004660066	LS32 SMA A4+2	4+2 pole	430	100
004660067*	LSV-B1	-	6,6	

Switch disconnectors "LS.." are switch gears for interrupting DC/AC-inverter from the solar-panels. Photovoltaic-installations have to be equipped with DC-isolators according to IEC 60364-7-712.

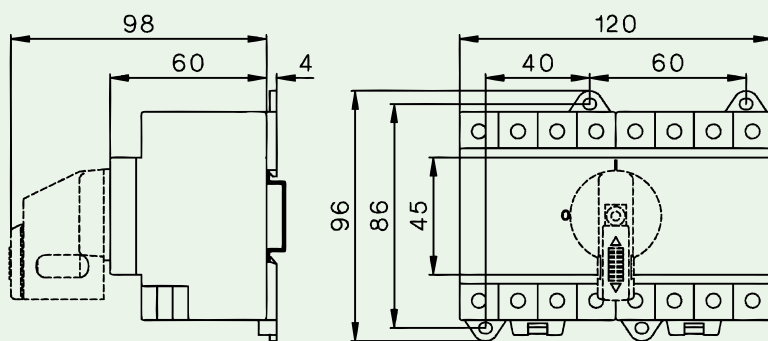
*Insulated Jumper



LS16, 25, 32 2p



LS16, 25, 32 4p



LS32 A4+2

			LS16 [A]	LS25 [A]	LS32 [A]		LS16 [A]	LS25 [A]	LS32 [A]
	2 pole in series A2	500V	16	25	32	DC22B	7	8	9
		600V	16	25	32		5,5	6	6,5
		800V	16	20	21		2	2,5	3
		1000	9	11	13		1	1,5	2
		1200V	6	8	10		-	-	-
		1500V	3	4	5		-	-	-
	4 poles in series A4	500V	16	25	32		16	25	32
		600V	16	25	32		16	25	27,5
		800V	16	25	32		11,5	12	12,5
		1000	16	25	32		8	9	10
		1200V	16	25	32		-	-	-
		1500V	16	20	23		-	-	-
	4 poles in series +2 poles parallel A4+2	500V			58		-	-	-
		600V			58		-	-	-
		800V			58		-	-	-
		1000			58		-	-	-
		1200V			50		-	-	-
		1500V			23		-	-	-

Because of very high breaking point capacity, switch disconnectors "LS..." are suitable for many different operating conditions.