



21PV 3722
+
2119 1012



26PV 2025



1423 2111



2119 0001



9915 3063

SIRCO PV series - Manually operated photovoltaic switches

Photovoltaic energy producers demand equipment which offer high production output together with consistent reliability and safety with low maintenance costs. Equipment has to support specific technical constraints of solar applications and their severe environment.

- Up to 1500 VDC
- Fully visualised breaking
- Patented switching technology
- Conformity to: IEC/EN 60947-3/VDE 0660-107 / IEC 60364-4-410 / IEC364-7-712

type	current	poles/ config.	volts DC	description	dimensions (mm)		
					(H)	(W)	(D)

SIRCO MC PV		Load break switches for photovoltaic applications					
21PV 3722	25A	2P+, 1P-	1000 VDC	photovoltaic switch	78	52	55
21PV 4754	40A	2P+, 2P-	1000 VDC	photovoltaic switch	78	63	55

SIRCO PV		Load break switches for photovoltaic applications					
26PV 2010	100A	1P+, 1P-	1000 VDC	photovoltaic switch	160	180	95
26PV 2016	160A	1P+, 1P-	1000 VDC	photovoltaic switch	160	180	95
26PV 2025	250A	1P+, 1P-	1000 VDC	photovoltaic switch	160	180	95
26PV 2031	315A	1P+, 1P-	1000 VDC	photovoltaic switch	160	180	95
26PV 4040	400A	2P+, 2P-	1000 VDC	photovoltaic switch	170	230	91
26PV 4050	500A	2P+, 2P-	1000 VDC	photovoltaic switch	170	230	91
26PV 4063	630A	2P+, 2P-	1000 VDC	photovoltaic switch	260	290	131
26PV 3026	275A	2P+, 1P-	1500 VDC	photovoltaic switch	250	230	147
26PV 3032	315A	2P+, 1P-	1500 VDC	photovoltaic switch	250	230	147
26PV 3041	400A	2P+, 1P-	1500 VDC	photovoltaic switch	250	230	147
26PV 8063	630A	2P+, 2P-	1500 VDC	photovoltaic switch	260	290	131

- Available on request:
- larger sizes up to 2000A
 - Double switches (to switch two different PV circuits simultaneously)

Accessories for above switches

Handle - direct mount

2119 1012	MC01	direct switch mounting handle for 1000V switches	25 - 40A
1112 1111	J1	direct switch mounting handle for 1000V switches	100 - 630A
1122 1111	J2	direct switch mounting handle for 1500V switches	275 - 630A

Handles - external mount

- Door interlocking,
- External front operated,
- Padlockable in "off" position (3 padlocks)

2119 3312	MC01	external mount door interlocking handle for switches	25 - 40A
1423 2111	S2	external mount door interlocking handle for switches	100 - 630A
2107 0516	165 mm	extension shaft for externally operated switches	25 - 40A
1400 1032	320 mm	extension shaft for externally operated switches	100 - 630A
2119 0001	NO + NC	side mount auxiliary contact for switches	25 - 40A
2699 0031	1 Ch/Over	side mount auxiliary contact for switches	100 - 2000A

Motorised load-break switches

- Ideal contactor replacement for high current switching applications
- Reliable, robust AC-23A switching
- Manual override facility (handle supplied)

type	AC-22A 400V	AC-23A 400V	description	dimensions (mm)		
				(H)	(W)	(D)
9915 3016	160A	75kW	3 pole motorised load break switch	135	267	244
9915 3025	250A	132kW	3 pole motorised load break switch	160	328	244
9915 3040	400A	220kW	3 pole motorised load break switch	170	328	244
9915 3063	630A	280kW	3 pole motorised load break switch	260	377	321
9915 3080	800A	450kW	3 pole motorised load break switch	321	504	292
9915 3100	1000A	560kW	3 pole motorised load break switch	321	504	292
9915 3120	1250A	710kW	3 pole motorised load break switch	330	504	292
9915 3160	1600A	710kW	3 pole motorised load break switch	288	596	292
9915 4063	630A	280kW	4 pole motorised load break switch	260	437	321
9915 4080	800A	450kW	4 pole motorised load break switch	321	584	292
9915 4100	1000A	560kW	4 pole motorised load break switch	321	584	292
9915 4120	1250A	710kW	4 pole motorised load break switch	330	584	292
9915 4160	1600A	710kW	4 pole motorised load break switch	288	716	292