



SIRCO PV manually operated photovoltaic switches

SIRCO PV solar disconnect switches are specifically tested for in applications with high performance characteristics in severe environments, far exceeding requirements of latest industry standards.

- Patented switching technology
- Fully visualised breaking
- Up to 1500 VDC
- 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	160	230	125
26PV 4050	500A	2P+, 2P-	1000 VDC	photovoltaic switch	160	230	125
26PV 4063	630A	2P+, 2P-	1000 VDC	photovoltaic switch	260	290	160
27PV 3026	275A	2P+, 2P-	1500 VDC	photovoltaic switch	160	230	125
27PV 3032	400A	2P+, 2P-	1500 VDC	photovoltaic switch	160	230	125
27PV 3039	500A	2P+, 2P-	1500 VDC	photovoltaic switch	160	230	125
26PV 8063	630A	4P+, 4P-	1500 VDC	photovoltaic switch	160	230	125
Available on request: - larger sizes up to 2000A - double switches (to switch two different PV circuits simultaneously)							

Accessories for above PV switches

2119 1012	MC0	direct switch mounting handle for switches	25 - 40A
1112 1111	J1	direct switch mounting handle for switches	100 - 630A
2119 3312	S000	external door interlocking handle for switches	25 - 40A
1423 2111	S2	external 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 - 800A
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

Terminal protection for standard SIRCO switches

Inter-phase barriers (included on switches 630 - 3200A)

Safety isolation between terminals, essential for use in 690 VAC or polluted or dusty atmospheres

2998 0033	3pole	inter-phase isolation barriers for switches	(2 pcs)	125 - 160A
2998 0034	3pole	inter-phase isolation barriers for switches	(2 pcs)	200 - 315A
2998 0013	3pole	inter-phase isolation barriers for switches	(2 pcs)	400A

Terminal protection screens

2694 3021	3pole	top or bottom terminal shrouds for switches	200 - 315A
2694 3051	3pole	top or bottom terminal shrouds for switches	400A

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	221	173
9915 3025	250A	132kW	3 pole motorised load break switch	160	262	173
9915 3040	400A	220kW	3 pole motorised load break switch	170	262	173
9915 3063	630A	280kW	3 pole motorised load break switch	260	319	250
9915 3080	800A	450kW	3 pole motorised load break switch	321	386	327
9915 3100	1000A	560kW	3 pole motorised load break switch	321	386	327
9915 3120	1250A	710kW	3 pole motorised load break switch	330	386	327
9915 3160	1600A	710kW	3 pole motorised load break switch	288	475	327
9915 4063	630A	280kW	4 pole motorised load break switch	260	379	250
9915 4080	800A	450kW	4 pole motorised load break switch	321	466	327
9915 4100	1000A	560kW	4 pole motorised load break switch	321	466	327
9915 4120	1250A	710kW	4 pole motorised load break switch	288	466	327
9915 4160	1600A	710kW	4 pole motorised load break switch	288	598	327