

Photovoltaic Systems

DC MCB

DC Mini Circuit Breaker



KCD10 2P

Technical data

Rated pole: 1P, 2P, 3P, 4P
 Rated voltage: 250V(1P), 500V(2P), 750V(3P), 1000V(4P)
 Rated current: 1-63A
 Tripping curve: B, C
 Rated insulation voltage: 1000V
 Rated impulse withstand voltage: 6kV
 Rated short-circuit breaking capacity: 6000A
 Comply with IEC60947-2

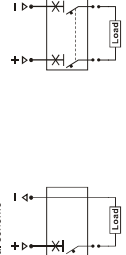
Single pole—250VDC

Pack	Calc.Lens.			Current	Carton Qty
	B curve	C curve	C curve		
12	262 01	262 21	262 61	1A	120
12	262 02	262 22	262 62	2A	120
12	262 03	262 23	262 63	3A	120
12	262 04	262 24	262 64	4A	120
12	262 05	262 25	262 65	6A	120
12	262 06	262 26	262 66	10A	120
12	262 07	262 27	262 67	16A	120
12	262 08	262 28	262 68	20A	120
12	262 09	262 29	262 69	25A	120
12	262 10	262 30	262 70	32A	120
12	262 11	262 31	262 71	40A	120
12	262 12	262 32	262 72	50A	120
12	262 13	262 33	262 73	63A	120

Double pole—500VDC

Pack	Calc.Lens.			Current	Carton Qty
	B curve	C curve	C curve		
6	262 41	262 61	262 81	1A	60
6	262 42	262 62	262 82	2A	60
6	262 43	262 63	262 83	3A	60
6	262 44	262 64	262 84	4A	60
6	262 45	262 65	262 85	6A	60
6	262 46	262 66	262 86	10A	60
6	262 47	262 67	262 87	16A	60
6	262 48	262 68	262 88	20A	60
6	262 49	262 69	262 89	25A	60
6	262 50	262 70	262 90	32A	60
6	262 51	262 71	262 91	40A	60
6	262 52	262 72	262 92	50A	60
6	262 53	262 73	262 93	63A	60

Electrical scheme



KCD10 4P

3 pole—750VDC

Pack	Calc.Lens.			Current	Carton Qty
	B curve	C curve	C curve		
4	262 81	262 01	262 61	1A	40
4	262 82	262 02	262 62	2A	40
4	262 83	262 03	262 63	3A	40
4	262 84	262 04	262 64	4A	40
4	262 85	262 05	262 65	6A	40
4	262 86	262 06	262 66	10A	40
4	262 87	262 07	262 67	16A	40
4	262 88	262 08	262 68	20A	40
4	262 89	262 09	262 69	25A	40
4	262 90	262 10	262 70	32A	40
4	262 91	262 11	262 71	40A	40
4	262 92	262 12	262 72	50A	40
4	262 93	262 13	262 73	63A	40

4 pole—1000VDC

Pack	Calc.Lens.			Current	Carton Qty
	B curve	C curve	C curve		
3	262 21	262 41	262 61	1A	30
3	262 22	262 42	262 62	2A	30
3	262 23	262 43	262 63	3A	30
3	262 24	262 44	262 64	4A	30
3	262 25	262 45	262 65	6A	30
3	262 26	262 46	262 66	10A	30
3	262 27	262 47	262 67	16A	30
3	262 28	262 48	262 68	20A	30
3	262 29	262 49	262 69	25A	30
3	262 30	262 50	262 70	32A	30
3	262 31	262 51	262 71	40A	30
3	262 32	262 52	262 72	50A	30
3	262 33	262 53	262 73	63A	30

Photovoltaic Systems

Junction Box



PV-ONJB4

PV-ONJB6

Features

Made of anti-aging and UV-resistant material
 Low heat and power loss
 High toughness, high grade reliable connection
 Convenient installation, strong commonality,
 Suitable for usage under bad outdoor condition

Technical data

Type	PV-ONJB4	PV-ONJB6
Application	Installation with PV module	Installation with PV module
Insulation Material	PP	PP
Rated Voltage	DC 1000V(TUV)	DC 1000V(TUV)
Rated Current	15A	15A
Number of bypass diodes	3/6	5/10
Type of connection	Screw	Screw
Impulse withstand Voltage	8kV (TUV 50kV, 1 min)	8kV (TUV 50kV, 1 min)
Contact Resistance	<5mΩ	<5mΩ
Temperature Range	-40°C to 85°C	-40°C to 85°C
Over-Voltage Category	III(8kV)	III(8kV)
Protection Degree	IP65	IP65
Flame Class	UL94-V0	UL94-V0
Safety Class	Class II	Class II
Pollution Degree	2	2
Dimensions	108.5×112×22.3mm	158.5×112×22.3mm

Dimensions(mm)

