

OMESTO®

Photovoltaic Systems

DC MCB

DC Mini Circuit Breaker



KC10-TD 2P



KC10-TD 4P

Technical data

No. of 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	Cat.nos.		Current	Carton Qty
	B curve	C curve		
12	162 01	162 21	1A	120
12	162 02	162 22	2A	120
12	162 03	162 23	3A	120
12	162 04	162 24	4A	120
12	162 05	162 25	6A	120
12	162 06	162 26	10A	120
12	162 07	162 27	16A	120
12	162 08	162 28	20A	120
12	162 09	162 29	25A	120
12	162 10	162 30	32A	120
12	162 11	162 31	40A	120
12	162 12	162 32	50A	120
12	162 13	162 33	63A	120

3 pole – 750VDC

Pack	Cat.nos.		Current	Carton Qty
	B curve	C curve		
4	162 81	163 01	1A	40
4	162 82	163 02	2A	40
4	162 83	163 03	3A	40
4	162 84	163 04	4A	40
4	162 85	163 05	6A	40
4	162 86	163 06	10A	40
4	162 87	163 07	16A	40
4	162 88	163 08	20A	40
4	162 89	163 09	25A	40
4	162 90	163 10	32A	40
4	162 91	163 11	40A	40
4	162 92	163 12	50A	40
4	162 93	163 13	63A	40

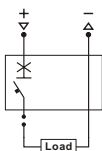
Double pole – 500VDC

Pack	Cat.nos.		Current	Carton Qty
	B curve	C curve		
6	162 41	162 61	1A	60
6	162 42	162 62	2A	60
6	162 43	162 63	3A	60
6	162 44	162 64	4A	60
6	162 45	162 65	6A	60
6	162 46	162 66	10A	60
6	162 47	162 67	16A	60
6	162 48	162 68	20A	60
6	162 49	162 69	25A	60
6	162 50	162 70	32A	60
6	162 51	162 71	40A	60
6	162 52	162 72	50A	60
6	162 53	162 73	63A	60

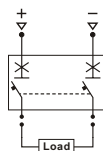
4 pole – 1000VDC

Pack	Cat.nos.		Current	Carton Qty
	B curve	C curve		
3	163 21	163 41	1A	30
3	163 22	163 42	2A	30
3	163 23	163 43	3A	30
3	163 24	163 44	4A	30
3	163 25	163 45	6A	30
3	163 26	163 46	10A	30
3	163 27	163 47	16A	30
3	163 28	163 48	20A	30
3	163 29	163 49	25A	30
3	163 30	163 50	32A	30
3	163 31	163 51	40A	30
3	163 32	163 52	50A	30
3	163 33	163 53	63A	30

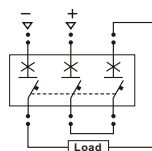
Electrical scheme



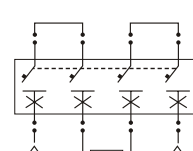
DC 250V (1P)



DC 500V (2P)



DC 750V (3P)



DC 1000V (4P)