

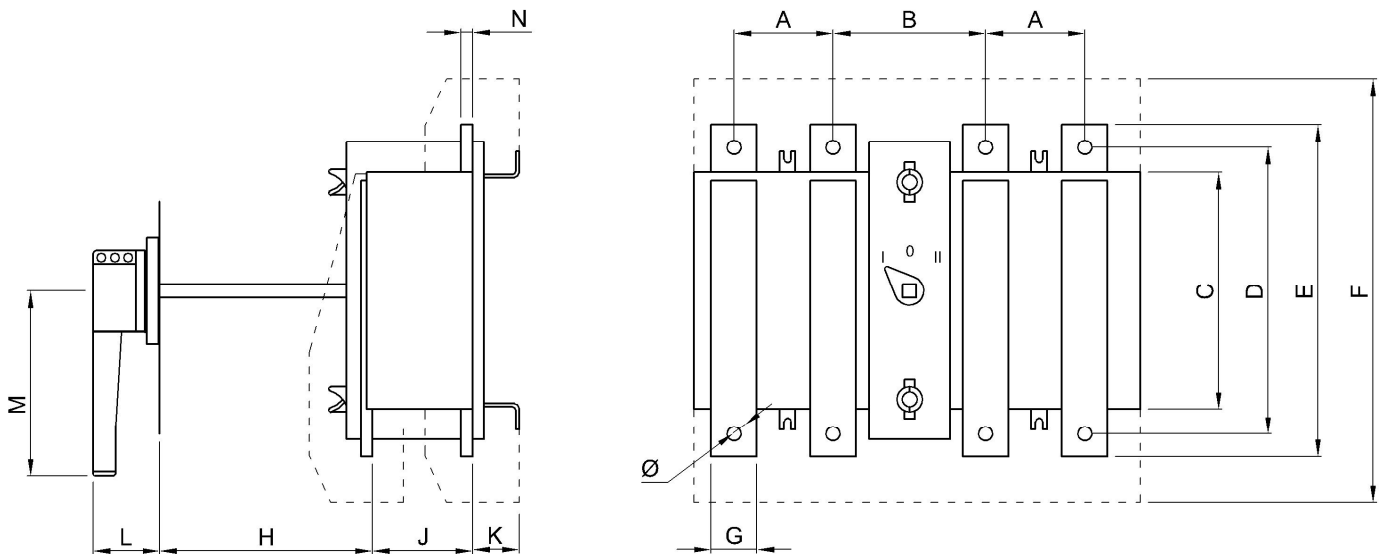
Switchgear Systems Ltd - Technical Data Sheet

CKS Changeover Switches 200A - 1250A

- Manufactured by Contactplasma S.R.L. Italy.
- Designed and tested in compliance with BS EN 60947-3.

TYPE (SERIES)			CKS 20	CKS 25	CKS 30	CKS 40	CKS 50	CKS 63	CKS 80	CKS 100	CKS 125
RATED THERMAL CURRENT AT 40° MAX A.T. I_{th}	Enclosed	A	200	250	315	400	500	630	800	1000	1250
RATED VOLTAGE OF ISOLATION	a.c.	V	1000	1000	1000	1000	1000	1000	1000	1000	1000
	d.c.	V	600	600	600	600	600	600	600	600	600
IMPULSE WITHSTAND VOLTAGE	-	kV	8	8	8	8	8	8	12	12	12
OPERATIONAL CURRENT AC23A I_e	415V	A	200	250	300	400	500	630	800	1000	1250
	690V	A	100	125	160	160	200	200	250	315	400
OPERATIONAL CURRENT AC22A I_e	690V	A	200	250	315	400	500	630	800	1000	1250
REACTIVE POWER see Note 1	380V	kVAr	80	100	150	150	250	250	300	375	450
RATED SHORT CIRCUIT MAKING CAPACITY I_{cm}	500V	kA peak	20	25	30	30	32	32	63	66	73.5
MECHANICAL ENDURANCE	operations	n°	8000	8000	5000	5000	5000	5000	3000	3000	3000
ELECTRICAL LIFE	operations	n°	1000	1000	1000	1000	1000	1000	500	500	500
POWER LOSSES PER POLE	-	W	4	4.7	11	11	25	25	22.5	34	53

Note 1: Due to harmonics and tolerance of the capacitors, the rated values have been reduced by 33%.



Dimensions mm	Ø	A	B	C	D	E	F	G	H	J	K	L	M	N
CKS20	8.5	44	92	124	154	174	254	20	135	64	41	59	125	3
CKS25	10.5	65	112	142	193	218	320	25	124	77	39	59	125	4
CKS30	10.5	65	112	142	193	218	320	30	124	78	38	59	125	5
CKS40	10.5	65	112	142	193	218	320	30	124	78	38	59	125	5
CKS50	10.5	65	112	142	193	218	320	35	124	79	37	59	125	6
CKS63	10.5	65	112	142	193	218	320	35	124	79	37	59	125	6
CKS80	12.5	87	134	208	252	292	384	40	164	86	40	59	166	8
CKS100	12.5	87	134	208	252	292	384	40	164	88	38	59	166	8
CKS125	12.5	87	134	208	252	292	384	40	164	88	38	59	166	10