

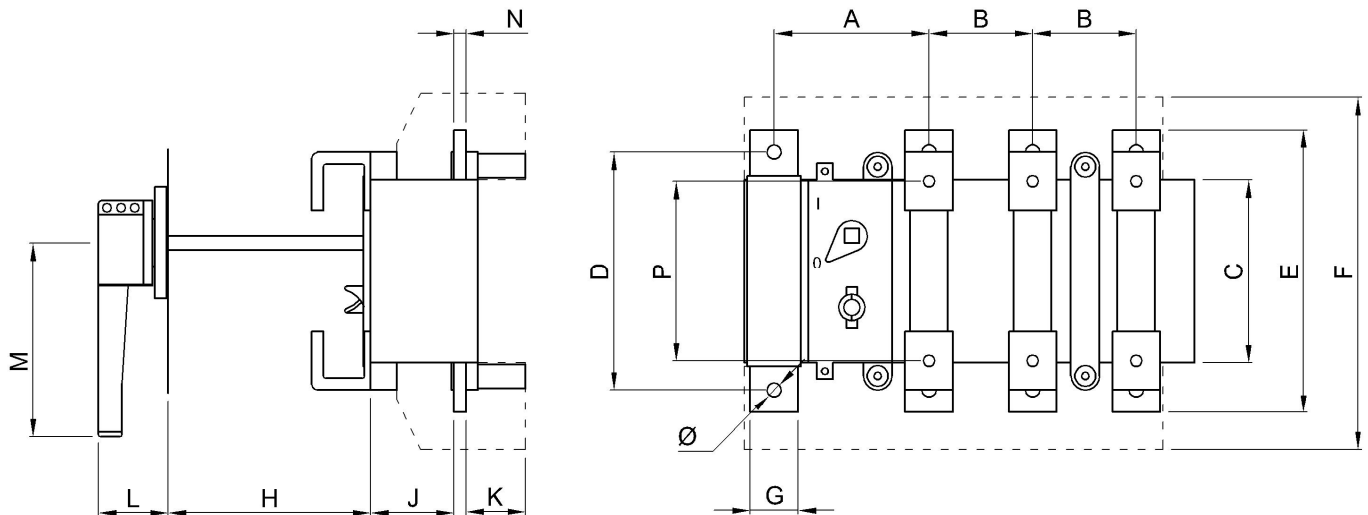
Switchgear Systems Ltd - Technical Data Sheet

INF Switchfuses 160A - 800A

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

TYPE (SERIES)			INF16	INF20	INF25	INF30	INF40	INF63	INF80
RATED THERMAL CURRENT AT 40° MAX A.T. I_{th}	Enclosed	A	160	200	250	315	400	630	630
RATED VOLTAGE OF ISOLATION U_i	a.c.	V	1000	1000	1000	1000	1000	1000	1000
	d.c.	V	1000	1000	1000	1000	1000	1000	1000
IMPULSE WITHSTAND VOLTAGE	-	kV	8	8	8	8	8	8	8
OPERATIONAL CURRENT AC23A I_e	415V	A/kW	160/105	200/132	250/155	315/200	400/355	630/400	800/400
	500V		160/125	200/160	250/200	315/280	400/425	630/560	800/560
	690V		160/175	200/220	250/275	315/375	400/560	630/710	800/710
OPERATIONAL CURRENT AC22A I_e	690V	A	160	200	250	315	400	630	800
	1000V								
REACTIVE POWER see Note 1	380V	kVAr	100	125	150	250	315	350	350
RATED SHORT CIRCUIT MAKING CAPACITY I_{cm}	415V	kA peak	100	100	100	100	100	100	100
MECHANICAL ENDURANCE	operations	n°	8000	8000	8000	5000	5000	3000	3000
ELECTRICAL LIFE	operations	n°	1000	1000	1000	1000	1000	500	500
FUSE TYPE	BS 88		B1-B3	B1-B3	B2-B3	B1-B4	B1-B4	C3-D1	C3-D1
POWER LOSSES PER POLE	-	W	11	12	19	28	40	41	41

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	P
INF16	8.5	82	44	98	113	133	178	20	97	64	26	59	125	3	111
INF20	10.5	109	65	108	136	161	234	25	127	77	32	59	125	4	111
INF25	10.5	109	65	108	136	161	234	30	127	77	32	59	125	4	111
INF30	10.5	109	65	108	136	161	234	30	127	77	32	59	125	4	111
INF40	12.5	130	87	164	200	238	333	40	159	83	42	59	165	6	111
INF63	12.5	130	87	164	200	238	333	40	159	83	38	59	165	10	134
INF80	12.5	130	87	164	200	238	333	40	159	83	38	59	165	10	134