

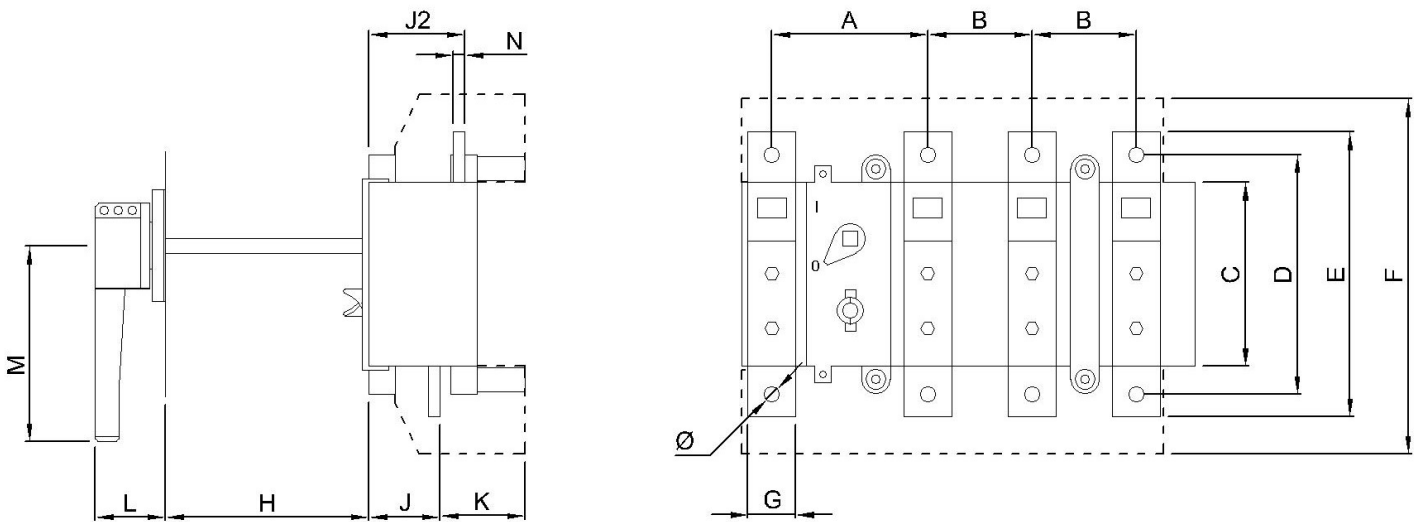
Switchgear Systems Ltd - Technical Data Sheet

INP Isolators 1250A - 2000A

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

TYPE (SERIES)				INP125	INP160	INP180	
RATED THERMAL CURRENT AT 40° MAX A.T.	I_{th}	Enclosed	A	1250	1600	1800	
RATED VOLTAGE OF ISOLATION	U_i	a.c.	V	1000	1000	1000	
		d.c.	V	600	600	600	
IMPULSE WITHSTAND VOLTAGE		-	kV	8	8	8	
OPERATIONAL CURRENT	AC21A	I_e	500V	A	1250	1600	1800
OPERATIONAL CURRENT	AC22A	I_e	500V	A	1250	1600	1600
REACTIVE POWER see Note 1		380V	kVAr	400	500	-	
RATED SHORT CIRCUIT MAKING CAPACITY	I_{cm}	415V	kA peak	84	105	132	
MECHANICAL ENDURANCE		operations	n°	3000	3000	3000	
ELECTRICAL LIFE		operations	n°	500	500	500	

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



Dimensions mm	∅	A	B	C	D	E	F	G	H	J	J2	K	L	M	N
INS125	12.5	130	87	164	316	352	334	40	118	60	70	80	59	165	10
INS160	12.5	130	87	164	316	352	334	40	118	59	69	80	59	165	12
INS180	12.5	130	87	164	316	352	334	40	118	55	65	80	59	165	20