

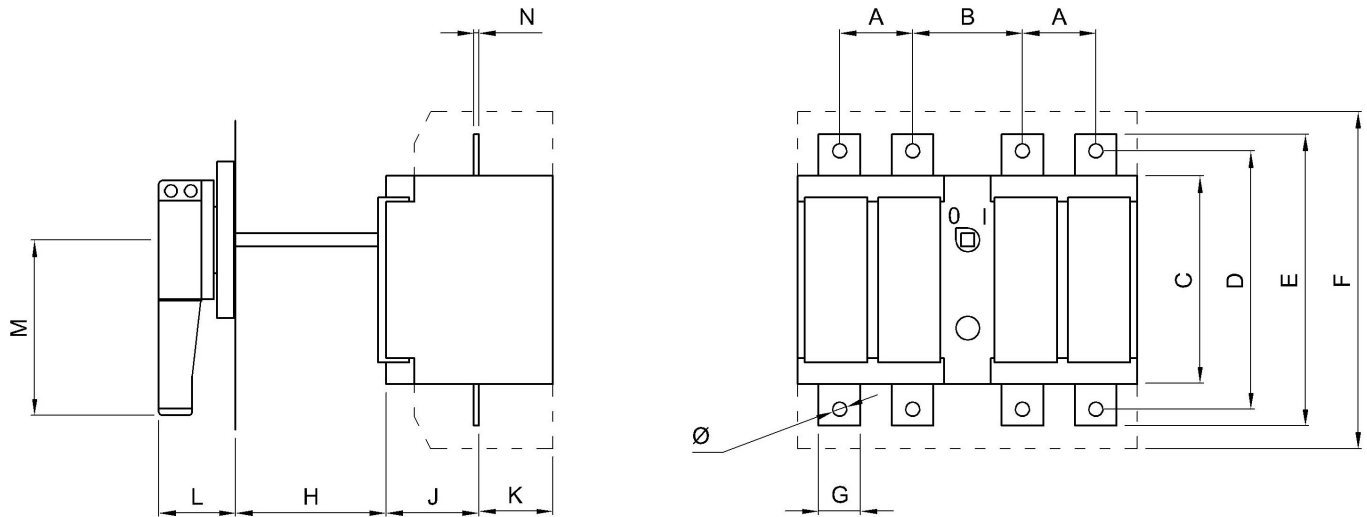
# Switchgear Systems Ltd - Technical Data Sheet

## IHS Isolators 63A -125A

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

TYPE (SERIES)				IHS 6	IHS 10	IHS 12	
RATED THERMAL CURRENT AT 40° MAX A.T.	$I_{th}$	Enclosed	A	63	100	125	
RATED VOLTAGE OF ISOLATION	$U_i$	a.c.	V	1000	1000	1000	
		d.c.	V				
IMPULSE WITHSTAND VOLTAGE		-	kV	6	6	6	
OPERATIONAL CURRENT	AC23A	$I_e$	415V	A/kW	63/30	100/45	125/55
			500V		63/40	100/65	125/75
			690V		63/45	100/90	125/90
OPERATIONAL CURRENT	AC22A	$I_e$	690V	A	63	100	125
			1000V				
REACTIVE POWER see Note 1		380V	kVAr	35	50	55	
RATED SHORT CIRCUIT MAKING CAPACITY	$I_{cm}$	415V	kA peak	10	12	15	
MECHANICAL ENDURANCE		operations	n°	10000	10000	8000	
ELECTRICAL LIFE		operations	n°	1500	1500	1000	
POWER LOSSES PER POLE		-	W	1.5	3.9	6	

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
IHS 63A	5	25	46.5	86	96	106	142	11	76	36	28	44	60	2
IHS 100A	6	33	54	100	115	129	174	14	52	50.5	37.5	44	85	2.5
IHS 125A	6	33	54	100	115	129	174	14	52	50.5	37.5	44	85	2.5