

TECHNICAL DATA FOR THE NB-SYSTEM

LOW POWER BUSBAR TRUNKING SYSTEM

NB-SYSTEM		Low power busbar trunking system		
		40	63	100
Rated current I_n	A	40	63	100
Rated operational voltage U_e	V	690		
Rated insulation voltage U_i	V	1000		
Rated frequency f	Hz	50/60		
Degree of protection	IP	55		
Rated short-time withstand current I_{cw} (1s)	kA	3	3	3,5
Peak withstand current I_{pk}	kA	4,5	4,5	5,25
Conductor cross section L1/L2/L3/N	mm ²	10	14	26
Conductor cross section PE (aluminium)	mm ²	280		
Phase resistance R_{20}	mΩ/m	1,8	1,28	0,9
Phase resistance R_t	mΩ/m	2,41	1,71	1,2
Phase reactance X	mΩ/m	0,98	0,7	0,43
Phase impedance Z	mΩ/m	2,61	1,85	1,3
Geometry HxB	mm x mm	62 x 28		
Weight	kg/m	1,31	1,65	2,16