

Product datasheet

Specifications

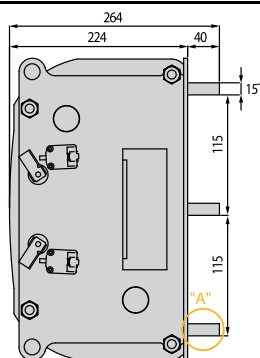
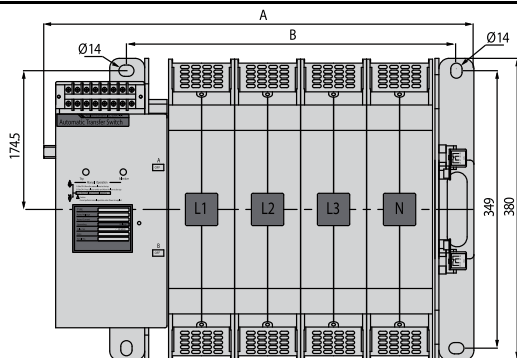
Automatic Transfer Switches

TN type 1600A 3P 600V

HK-1600TNB3



Standard	IEC 60947-6-1 / UL1008	
Model	TN type	
Rated operational current, I_n	1600A	
Number of poles	3	
Rated frequency	50/60Hz	
Rated Operational Voltage, U_e	AC600V, DC125V	
Rated Insulation Voltage, U_i	690V	
Impulse Withstand Voltage, U_{imp}	8kV	
Switch capacity	Class	AC3, DC1
Switching frequency	150 times/h	
Switching sequence	A ↔ B, A ↔ OFF ↔ B	
Operating Time	Break(Opening)	≤ 30ms
	Make Closing	≤ 130ms
	Make delay(Off)	≤ 30ms
Rated short-time withstand current, I_{cw}	32kA	
Rated short-circuit making capacity, I_{cm}	32kA	
Operating Voltage & Current	AC110/120V	30A
	AC220/240V	15A
Control voltage	85 ~ 110% Rated operating voltage	
Withstand Voltage for Main circuit	2500V/60s	
Withstand Voltage for Control circuit	1500V/60s	
Life time	Electric	5000 times
	Mechanic	10000 times
Weight	24kg	
Dimension (W x L x H)	457x264x380mm	



1600A	3P	(mm)
A	457	540
B	332	415
C	264	347

