



Fuse-switch disconnector HR17

Model	HR17-160			HR17-250		HR17-400		HR17-630	
Thermal current (I _{th})	160			250		400		630	
Rated current(I _n)	160			250		400		630	
rated voltage(U _e)						690V			
Rated insulation voltage (U _i)						800V			
Impulse voltage (U _{imp})						6			
Corrente presumida de curto circuito com fusível conectado em série (I _p)									
- Frequency 50/60Hz kA (rms)						50			
- Fuse Maximum Current (I _n)	160 A-500V	125 A-690V		250 A-500V	200 A-690V	400 A-500V	315 A-690V	630 A-500V	500 A/690V
-Breaking Capacity kA	17.1kA	11.4kA		22.8kA	18.2kA	38.7kA	26.9kA	52.6kA	33.3kA
Operation ability	400V	500V	690V	500V	690V	500V	690V	500V	690V
- Operational current I _e AC21	160 A	160 A	160 A	250 A	250 A	400 A	400 A	630 A	630 A
- Operational current I _e AC22	160 A	160 A	-----	250 A	-----	400 A	-----	630 A	-----
- Operational current I _e AC23	160 A	160 A	-----	250 A	-----	400 A	-----	630 A	-----
- Ability to operate motors on AC-23 (kW)	80kW	80kw	-----	160kW	-----	257Kw	-----	450Kw	-----
-Rated current for fuse (I _n) A	160			250		400		630	
Type of Fuse conformity	00			1		2		3	
Mechanical life (operations)	2000			1600		1000		1000	
Ambient temperature (operation)						-25°C ~ +55°C			
Ingress protection						IP20			
Section of conductors									
- Cables with terminal (mm ²)	1.5 to 70			70 to 150		120 to 140		150 to 300	
- Bars	22x5			(2x)35x70		(2x)70x120		(2x)150x185	
- Screw terminals	M8					M10		M12	
Contacteur auxilliar 1NO+1NC						Utility microswitch model: RS-5G			
Weight(Kg)	0.75			2.5		3.6		5.1	

	A	B	C	D	E	F	G	H	J	K	L	M	N	O
HR17-160	106	195	83	45	200	17	7	34	20	9	66	25	207	88
HR17-250	184	245	112	66	225	22	11	57	30	10.5	114	50	293	86
HR17-400	250	288	130	80	255	25	11	65	33	10.5	130	50	340	105
HR17-630	250	300	145	95	267	30	11	81	40	12.5	162	50	360	112

HR17 series fuse-switch disconnector is a new product developed by our company. Rated insulation voltage up to 800V. rated operational voltage up to 690V. rated operational current up to 630A, rated frequency 50Hz, in the distribution circuit and motor circuit which has high short-circuit current as the power switch, isolating switch, emergency switch as well as circuit protection, but normally it is not used to make and break a single motor directly.

Standard: IEC/EN 60947-3.

