

FRHJS 61..-U_n/C_n/f_n



Maximum single parameters of product line

Max output	Q _{Nmax}	5 000 kvar
Max voltage	U _{Nmax}	2 000 V
Max current	I _{Nmax}	4 000 A
Max frequency	f _{Nmax}	5 000 Hz
Design	DEAD CASE	

Standards	IEC 60110-1:1998; EN 60110-1:1998
Capacitance tolerance	-5 / +10%
Ambient temperature	1°C ... 50°C
Power losses	< 0,3 W/kvar
Water-cooling	WF
Max. outlet water temperature	40°C
Water flow rate	> 10 l/min
Pressure drop at 10 l/min	< 0,4 bar
Water pressure	6 bar
Over-voltage	1,05 x U _N ; 12 hours/day
Over-current	1,15 x I _N
Voltage test between terminals	2,0x U _N AC / 10s or 4,0x U _N DC / 10s
Voltage test between terminals and case	5 000 V AC / 10s
Case	brass welded, painted (RAL 7035)
Dielectric system	all-film
Impregnant	Jarylec (non-toxic, non-PCB)
Installation	indoor
Protection degree	IP 00

Type	U _N (kV)	C _N (μF)	f _N (kHz)	Q _N (kvar)	I _N (A)	Dimensions W x L x H (mm)	Weight (kg)
FRHJS 6132-0,75/211/3,75	0,75	211	3,75	2 800	3 730	165 x 370 x 325	28
FRHJS 6132-0,75/265/2,5	0,75	265	2,5	2 350	3 133	165 x 370 x 325	28
FRHJS 6132-0,8/200/2,5	0,8	200	2,5	2 010	2 513	165 x 370 x 325	28
FRHJS 6132-1,0/159/3,75	1,0	159	3,75	3 750	3 750	165 x 370 x 325	28
FRHJS 6132-1,5/94/3,75	1,5	94,0	3,75	5 000	3 333	165 x 370 x 325	28
FRHJS 6140-0,8/320/2,5	0,8	320	2,5	3 217	4 021	165 x 370 x 400	36
FRHJS 6145-0,8/497/1,25	0,8	497	1,25	2 500	3 125	165 x 370 x 450	40
FRHJS 6145-1,0/398/1,25	1,0	398	1,25	3 125	3 125	165 x 370 x 450	40

Other voltage, power and frequency on request.

