FRJJS 76.. - $U_n/C_n/f_n$

Maximum single parameters of product line

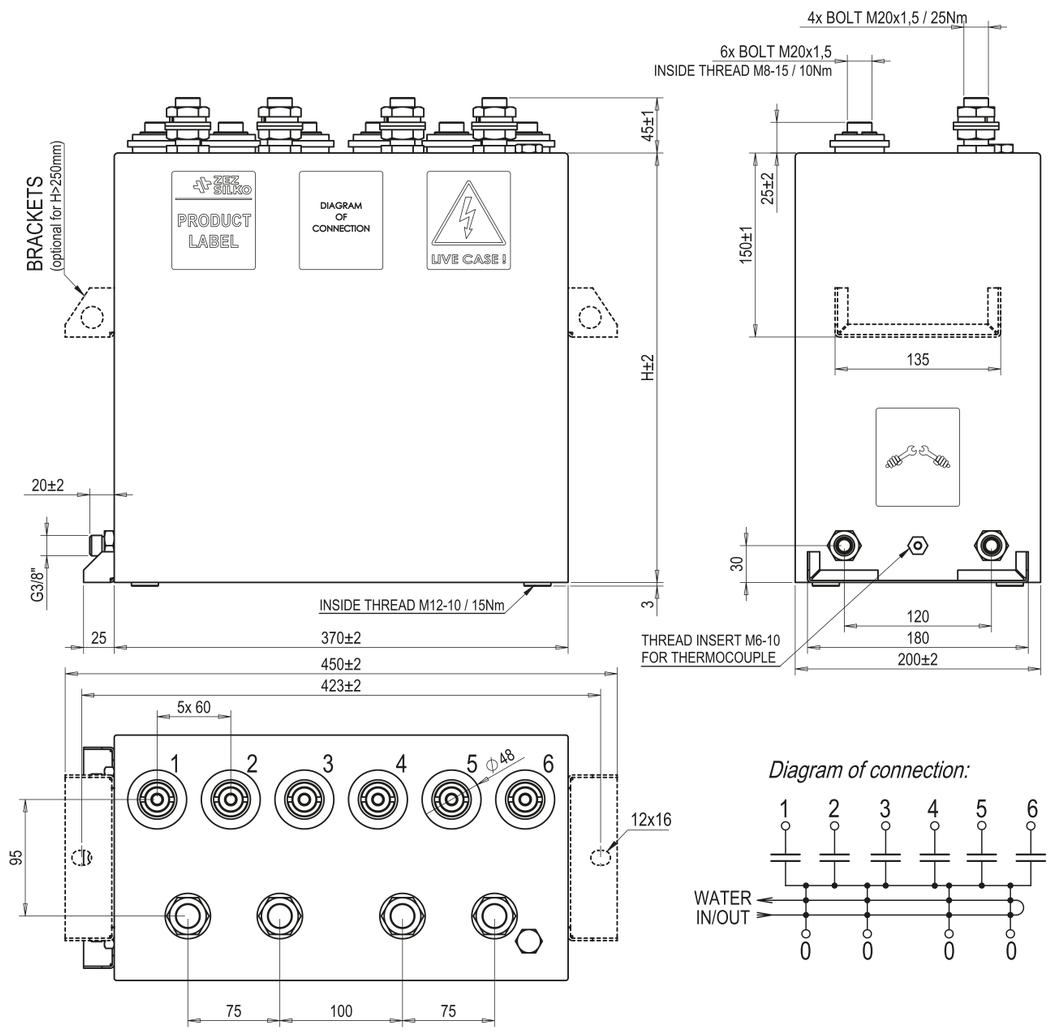
Max output	Q_{Nmax}	6 000 kvar
Max voltage	U_{Nmax}	2 000 V
Max current	I_{Nmax}	3 000 A
Max frequency	f_{Nmax}	5 000 Hz
Design	LIVE CASE	

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	35°C
Water flow rate	> 5 l/min
Presure drop at 5 l/min	< 0,1 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
Operation	only at cooled busbar <50°C
Case	brass welded, painted (RAL 7035)
Dielectric system	all-film
Impregnant	Jarylec (non-toxic, non-PCB)
Instalation	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)	Brackets
FRJJS 7620-0,8/6x24/4	0,8	145	4,0	2 316	2 895	200 x 370 x 200	21	No
FRJJS 7620-0,8/6x31/3	0,8	186	3,0	2 246	2 805	200 x 370 x 200	21	No
FRJJS 7625-0,8/6x38/2,4	0,8	228	2,4	2 200	2 750	200 x 370 x 250	26	No
FRJJS 7625-1,0/6x30/2,4	1,0	180	2,4	2 714	2 714	200 x 370 x 250	26	No
FRJJS 7625-2/6x8,5/3,3	2,0	51	3,3	4 230	2 115	200 x 370 x 250	26	No

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)	Brackets
FRJJS 7640-0,6/6x106/1	0,6	636	1,0	1 440	2 400	200 x 370 x 400	42	Yes
FRJJS 7640-0,8/6x50/2	0,8	300	2,0	2 412	3 016	200 x 370 x 400	42	Yes
FRJJS 7640-0,8/6x62,5/1,5	0,8	375	1,5	2 262	2 827	200 x 370 x 400	42	Yes
FRJJS 7640-0,8/6x84/1	0,8	504	1,0	2 027	2 533	200 x 370 x 400	42	Yes
FRJJS 7640-0,8/6x97,4/1	0,8	584	1,0	2 350	2 938	200 x 370 x 400	42	Yes
FRJJS 7640-1,0/6x62,5/1,2	1,0	375	1,2	2 826	2 826	200 x 370 x 400	42	Yes
FRJJS 7640-1,4/6x31/1,4	1,4	186	1,4	3 208	2 291	200 x 370 x 400	42	Yes
FRJJS 7640-1,5/6x16/3	1,5	96	3,0	4 072	2 714	200 x 370 x 400	42	Yes
FRJJS 7640-1,8/6x23,4/2	1,8	141	2,0	5 742	3 180	200 x 370 x 400	42	Yes

Other voltage, power and frequency on request.



IVD GmbH, Max-Eyth-Strasse 10, 74405 Gaildorf Tel. 07971/9789-0 info@ivdgmbh.de www.ivdgmbh.de