

**FRJJS 15..-U<sub>n</sub>/C<sub>n</sub>/f<sub>n</sub>**



**Maximum single parameters of product line**

<b>Max output</b>	Q <sub>Nmax</sub>	2 500 kvar
<b>Max voltage</b>	U <sub>Nmax</sub>	2 500 V
<b>Max current</b>	I <sub>Nmax</sub>	1 700 A
<b>Max frequency</b>	f <sub>Nmax</sub>	150 000 Hz
<b>Design</b>	LIVE CASE	

<b>Standards</b>	IEC 60110-1:1998; EN 60110-1:1998
<b>Capacitance tolerance</b>	-5 / +10%
<b>Ambient temperature</b>	1°C ... 50°C
<b>Power losses</b>	< 0,35 W/kvar
<b>Water-cooling</b>	WF
<b>Max. outlet water temperature</b>	40°C
<b>Water flow rate</b>	> 4 l/min
<b>Pressure drop at 4 l/min</b>	< 0,1 bar
<b>Water pressure</b>	6 bar
<b>Over-voltage</b>	1,05 x U <sub>N</sub> ; 12 hours/day
<b>Over-current</b>	1,15 x I <sub>N</sub>
<b>Voltage test between terminals</b>	2,0x U <sub>MAX</sub> AC / 10s or 4,0x U <sub>MAX</sub> DC / 10s
<b>Operation</b>	only at cooled busbar <40°C
<b>Case</b>	copper welded, painted (RAL 7035)
<b>Dielectric system</b>	all-film
<b>Impregnant</b>	Jarylec (non-toxic, non-PCB)
<b>Installation</b>	indoor
<b>Protection degree</b>	IP 00

Type	U <sub>N</sub> / U <sub>MAX</sub> (kV)	C <sub>N</sub> (μF)	f <sub>N</sub> (kHz)	Q <sub>N</sub> (kvar)	I <sub>N</sub> (A)	Dimensions W x L x H (mm)	Weight (kg)
FRJJS 1501-1,2/2,65/50	1,2 / 1,5	2,65	50	1 200	1 000	110 x 210 x 100	5,5
FRJJS 1501-1,3/3/40	1,3 / 1,5	3,00	40	1 275	980	110 x 210 x 100	5,5
FRJJS 1501-1,6/2/50	1,6 / 2,0	2,00	50	1 608	1 005	110 x 210 x 100	5,5
FRJJS 1501-1,8/0,7/130	1,8 / 2,0	0,70	130	1 850	1 030	110 x 210 x 100	5,5
FRJJS 1502-1,0/10/20	1,0 / 1,2	10,0	20	1 257	1 257	110 x 210 x 125	7
FRJJS 1502-1,5/3,68/30	1,5 / 1,7	3,68	30	1 560	1 040	110 x 210 x 125	7
FRJJS 1502-1,5/4,5/25	1,5 / 1,7	4,50	25	1 590	1 060	110 x 210 x 125	7
FRJJS 1503-0,8/20/15	0,8 / 1,0	20,0	15	1 206	1 508	110 x 210 x 162	9
FRJJS 1503-0,9/16/15	0,9 / 1,1	16,0	15	1 222	1 358	110 x 210 x 162	9
FRJJS 1503-1,5/6/20	1,5 / 1,7	6,00	20	1 700	1 133	110 x 210 x 162	9
FRJJS 1504-1,0/22/10	1,0 / 1,2	22,0	10	1 382	1 382	110 x 210 x 185	10
FRJJS 1504-1,3/16/10	1,3 / 1,5	16,0	10	1 700	1 006	110 x 210 x 185	10
FRJJS 1504-1,5/12/12	1,5 / 1,7	12,0	12	2 036	1 357	110 x 210 x 185	10

Other voltage, power and frequency on request.

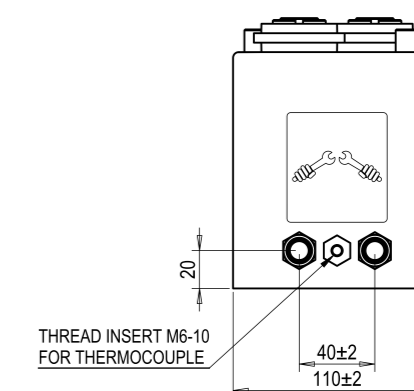
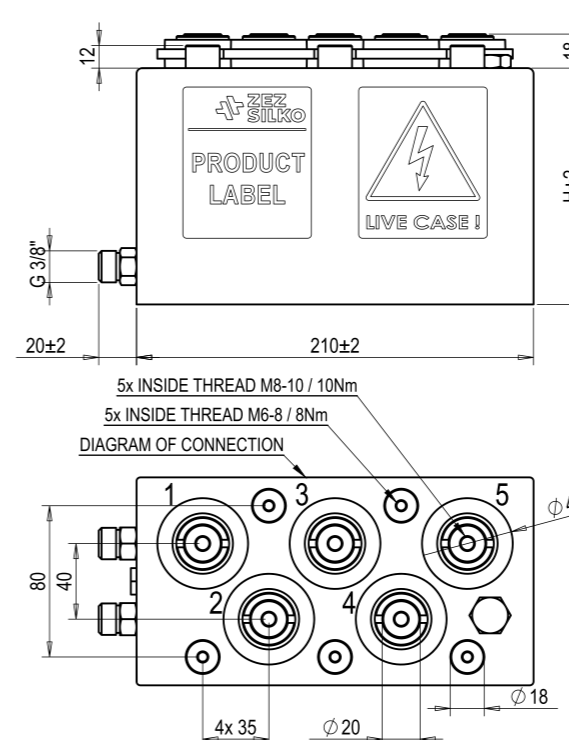


Diagram of connection:

