Fronius
SHIFTING THE LIMITS

Wels, 28th of October 2015

MAXIMUM FUSE RATING AC SIDE

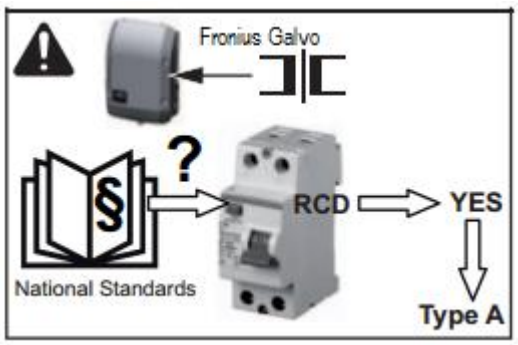
Fronius International GmbH

hereby confirms the maximum fuse rating on alternative current (AC) side for the following inverters:

Inverter type	Phases	AC power	Maximum fuse rating	Recommended fuse rating
Fronius Galvo 1.5-1	1	1500 W	C 25 A	C 10 A
Fronius Galvo 2.0-1	1	2000 W	C 25 A	C 16 A
Fronius Galvo 2.5-1	1	2500 W	C 25 A	C 20 A
Fronius Galvo 3.0-1	1	3000 W	C 25 A	C 25 A
Fronius Galvo 3.1-1	1	3100 W	C 25 A	C 25 A
Fronius Primo 3.0-1	1	3000 W	C 63 A	C 25 A
Fronius Primo 3.5-1	1	3500 W	C 63 A	C 25 A
Fronius Primo 3.6-1	1	3600 W	C 63 A	C 32 A
Fronius Primo 4.0-1	1	4000 W	C 63 A	C 32 A
Fronius Primo 4.6-1	1	4600 W	C 63 A	C 40 A
Fronius Primo 5.0-1 / AUS	1	5000 W	C 63 A	C 40 A
Fronius Primo 6.0-1	1	6000 W	C 63 A	C 50 A
Fronius Primo 8.2-1	1	8200 W	C 63 A	C 63 A
Fronius Symo 3.0-3-S / -M	3	3000 W	C 25 A	C 10 A
Fronius Symo 3.7-3-S / -M	3	3700 W	C 25 A	C 13 A
Fronius Symo 4.5-3-S / -M	3	4500 W	C 25 A	C 16 A
Fronius Symo 5.0-3-M	3	5000 W	C 25 A	C 16 A
Fronius Symo 6.0-3-M	3	6000 W	C 25 A	C 16 A
Fronius Symo 7.0-3-M	3	7000 W	C 25 A	C 20 A
Fronius Symo 8.2-3-M	3	8200 W	C 25 A	C 20 A
Fronius Symo 10.0-3-M	3	10000 W	C 80 A	C 25 A
Fronius Symo 12.5-3-M	3	12500 W	C 80 A	C 32 A
Fronius Symo 15.0-3-M	3	15000 W	C 80 A	C 40 A
Fronius Symo 17.5-3-M	3	17500 W	C 80 A	C 40 A

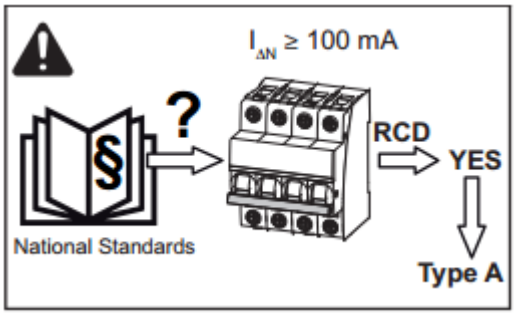
Fronius Symo 20.0-3-M	3	20000 W	C 80 A	C 50 A
Fronius Symo Hybrid 3.0	3 + N	3000 W	C 25 A	C 16 A
Fronius Symo Hybrid 4.0	3 + N	4000 W	C 25 A	C 16 A
Fronius Symo Hybrid 5.0	3 + N	5000 W	C 25 A	C 16 A
Fronius Eco 25.0-3-M	3	25000 W	C 80 A	C 63 A
Fronius Eco 27.0-3-M	3	27000 W	C 80 A	C 63 A

Additional note for Fronius Galvo and Fronius Primo inverters:



Local regulations, the energy supply company or other factors may require a residual current protective device (RCD) in the grid line. For this situation, a type A residual current protective device is generally adequate.
In particular cases, and depending on local factors, however, the type A residual current protective device may trip at the wrong time. For this reason, Fronius recommends that a residual current protection device RCD suitable for frequency converters be used.

Additional note for Fronius Symo, Fronius Symo Hybrid and Fronius Eco inverters:



Local regulations, the energy supply company or other factors may require an earth-leakage circuit breaker in the grid line.
For this situation, a type A earth-leakage circuit breaker with a tripping current of at least 100 mA is generally adequate.
In particular cases, and depending on local factors, however, the type A earth-leakage circuit breaker may trip at the wrong time.
For this reason, Fronius recommends that an earth-leakage circuit breaker that is suitable for frequency converters should be used.

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