

**CIRCADIA EL-1100..-1113-044**  
**CIRCADIA EL-1100..-1113-244**  
**CIRCADIA EL-1100..-1113-954**

**Maximum loading of automatic circuit breakers in relation to inrush current**

Automatic circuit breaker type	C10	C13	C16	C20	B10	B13	B16	B20	Inrush current	
Installation Ø	1.5 mm <sup>2</sup>	1.5 mm <sup>2</sup>	2.5 mm <sup>2</sup>	2.5 mm <sup>2</sup>	1.5 mm <sup>2</sup>	1.5 mm <sup>2</sup>	2.5 mm <sup>2</sup>	2.5 mm <sup>2</sup>	$I_{max}$	time
Number of Fittings	21	28	36	45	13	17	22	27	224 A	176 µs

This are max. values calculated out of inrush current! Please consider not to exceed the maximum rated continuous current of the circuit breaker.

Calculation uses typical values from ABB series S200 as a reference.

Actual values may differ due to used circuit breaker types and installation environment.