

CIRCUIT BREAKER DATA

Luminaire Family:	CLEANROOM IP65L
Sub-families:	CLEANROOM IP65L CRI95+
Applicable Model Range:	EL-CR65L-1261-0xx EL-CR65L-1262-0xx EL-CR65L-1263-0xx

Inrush Current and Maximum Loading of Automatic Circuit Breakers (MCB):

Automatic circuit breaker type	C10	C13	C16	C20	B10	B13	B16	B20	Inrush current	
Installation Ø	1.5 mm ²	1.5 mm ²	2.5 mm ²	2.5 mm ²	1.5 mm ²	1.5 mm ²	2.5 mm ²	2.5 mm ²	I_{max}	time
Max # of Fittings per MCB	16	21	26	35	10	13	16	21	30 A	253 µs

These 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.

IMPORTANT:

- The above are maximum quantities calculated based on the inrush current and provided as a guide only.
- DO NOT exceed the maximum rated continuous current of the circuit breaker.
- Information about the tripping characteristics of a specific circuit breaker must be requested from the circuit breaker manufacturer!
- Actual values may differ depending on the specific circuit breaker type(s) used and the installation environment such as the cable size, length, safety buffer, etc.

Luminaire Family:	CLEANROOM IP65L
Sub-families:	CLEANROOM IP65L CRI95+
Applicable Model Range:	EL-CR65L-1261-2xx/-9xx EL-CR65L-1262-2xx/-9xx EL-CR65L-1263-2xx/-9xx

Inrush Current and Maximum Loading of Automatic Circuit Breakers (MCB):

Automatic circuit breaker type	C10	C13	C16	C20	B10	B13	B16	B20	Inrush current	
Installation Ø	1.5 mm ²	1.5 mm ²	2.5 mm ²	2.5 mm ²	1.5 mm ²	1.5 mm ²	2.5 mm ²	2.5 mm ²	I _{max}	time
Max # of Fittings per MCB	21	28	35	45	13	17	21	27	23 A	174 µs

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IMPORTANT:

- The above are maximum quantities calculated based on the inrush current and provided as a guide only.
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