

CIRCUIT BREAKER DATA

Luminaire Family:	OMNIPOD DOWNLIGHT GEN2
Sub-families:	All
Applicable Model Range:	EL-OMND-2103-954 EL-OMND-2105-954

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
Number of fittings per CB	21	28	35	45	13	17	21	27	35 A	170 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.

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:	OMNIPOD DOWNLIGHT GEN2
Sub-families:	All
Applicable Model Range:	EL-OMND-2103-000 EL-OMND-2105-000 EL-OMND-2116-000

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
Number of fittings per CB	41	53	65	83	25	32	39	50	16 A	229 µs

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Luminaire Family:	OMNIPOD DOWNLIGHT GEN2
Sub-families:	All
Applicable Model Range:	EL-OMND-2100-244 EL-OMND-2101-244 EL-OMND-2102-244 EL-OMND-2104-244 EL-OMND-2115-244

Automatic circuit breaker type	C10	C13	C16	C20	B10	B13	B16	B20	Inrush current	
Installation Ø	15 mm ²	15 mm ²	2.5 mm ²	4 mm ²	15 mm ²	15 mm ²	2.5 mm ²	4 mm ²	I_{max}	time
Number of fittings per CB	36	50	60	76	22	30	36	46	18 A	140 µs

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Luminaire Family:	OMNIPOD DOWNLIGHT GEN2
Sub-families:	All
Applicable Model Range:	EL-OMND-2103-244 EL-OMND-2105-244 EL-OMND-2116-244

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	4 mm ²	1.5 mm ²	1.5 mm ²	2.5 mm ²	4 mm ²	I_{max}	time
Number of fittings per CB	31	40	51	66	19	24	31	40	25 A	141 µs

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Luminaire Family:	OMNIPOD DOWNLIGHT GEN2
Sub-families:	All
Applicable Model Range:	EL-OMND-2100-954 EL-OMND-2101-954 EL-OMND-2102-954 EL-OMND-2104-954

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
Number of fittings per CB	30	38	46	58	18	23	28	35	13.6 A	304 µs

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Luminaire Family:	OMNIPOD DOWNLIGHT GEN2
Sub-families:	All
Applicable Model Range:	EL-OMND-2100-000 EL-OMND-2101-000 EL-OMND-2102-000 EL-OMND-2104-000 EL-OMND-2115-000

Automatic circuit breaker type	C10	C13	C16	C20	B10	B13	B16	B20	Inrush current	
Installation Ø	15 mm ²	15 mm ²	25 mm ²	25 mm ²	15 mm ²	15 mm ²	25 mm ²	25 mm ²	I_{max}	time
Number of fittings per CB	41	55	66	83	25	33	40	50	15 A	204 µs

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Luminaire Family:	OMNIPOD DOWNLIGHT GEN2
Sub-families:	All
Applicable Model Range:	EL-OMND-2106-255 EL-OMND-2107-255 EL-OMND-2108-255

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	4 mm ²	1.5 mm ²	1.5 mm ²	2.5 mm ²	4 mm ²	I _{max}	time
Number of fittings per CB	16	21	26	33	10	13	16	20	26 A	224 µs

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Luminaire Family:	OMNIPOD DOWNLIGHT GEN2
Sub-families:	All
Applicable Model Range:	EL-OMND-2107-954 EL-OMND-2108-954

Automatic circuit breaker type	C10	C13	C16	C20	B10	B13	B16	B20	Inrush current	
Installation Ø	15 mm ²	15 mm ²	2.5 mm ²	4 mm ²	15 mm ²	15 mm ²	2.5 mm ²	4 mm ²	I_{max}	time
Number of fittings per CB	21	28	36	45	13	17	22	27	29 A	180 µs

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Luminaire Family:	OMNIPOD DOWNLIGHT GEN2
Sub-families:	All
Applicable Model Range:	EL-OMND-2106-250 EL-OMND-2107-250 EL-OMND-2108-250

Automatic circuit breaker type	C10	C13	C16	C20	B10	B13	B16	B20	Inrush current	
Installation Ø	15 mm ²	15 mm ²	25 mm ²	4 mm ²	15 mm ²	15 mm ²	25 mm ²	4 mm ²	I_{max}	time
Number of fittings per CB	16	21	26	33	10	13	16	20	26 A	224 µs

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