# CIRCUIT BREAKER DATA

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|---|---|
| Luminaire Family: | **ARIN** |
| Sub-families: | **All** |
| Applicable Model Range: | **EL-ARI-1100-244**<br>**EL-ARI-1103-244**<br>**EL-ARI-1106-244**<br>**EL-ARI-1109-244**<br>**EL-ARI-1118-244**<br>**EL-ARI-1121-244**<br>**EL-ARI-1124-244**<br>**EL-ARI-1127-244**<br>**EL-ARI-1100-974**<br>**EL-ARI-1103-974**<br>**EL-ARI-1106-974**<br>**EL-ARI-1109-974**<br>**EL-ARI-1118-974**<br>**EL-ARI-1121-974**<br>**EL-ARI-1124-974**<br>**EL-ARI-1127-974** |

| Automatic circuit breaker type | C10 | C13 | C16 | C20 | B10 | B13 | B16 | B20 | Inrush current | |
|---|---|---|---|---|---|---|---|---|---|---|
| Installation Ø | 1.5 mm² | 1.5 mm² | 2.5 mm² | 2.5 mm² | 1.5 mm² | 1.5 mm² | 2.5 mm² | 2.5 mm² | $I_{max}$ | time |
| **Number of fittings per driver** | 30 | 40 | 51 | 65 | 18 | 24 | 31 | 39 | 16.4 A | 149 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.

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**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: | **ARIN** |
| Sub-families: | **All** |
| Applicable Model Range: | **EL-ARI-1112-244**<br>**EL-ARI-1115-244**<br>**EL-ARI-1112-974**<br>**EL-ARI-1115-974** |

| Automatic circuit breaker type | C10 | C13 | C16 | C20 | B10 | B13 | B16 | B20 | Inrush current | |
|---|---|---|---|---|---|---|---|---|---|---|
| Installation Ø | 1.5 mm² | 1.5 mm² | 2.5 mm² | 2.5 mm² | 1.5 mm² | 1.5 mm² | 2.5 mm² | 2.5 mm² | $I_{max}$ | time |
| **Number of fittings per driver** | 30 | 40 | 50 | 63 | 18 | 24 | 30 | 38 | 17 A | 151 µs |

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| | |
|---|---|
| Luminaire Family: | **ARIN** |
| Sub-families: | **All** |
| Applicable Model Range: | **EL-ARI-1130-254**<br>**EL-ARI-1133-254**<br>**EL-ARI-1130-975**<br>**EL-ARI-1133-975** |

| Automatic circuit breaker type | C10 | C13 | C16 | C20 | B10 | B13 | B16 | B20 | Inrush current | |
|---|---|---|---|---|---|---|---|---|---|---|
| Installation Ø | 1.5 mm² | 1.5 mm² | 2.5 mm² | 4 mm² | 1.5 mm² | 1.5 mm² | 2.5 mm² | 4 mm² | $I_{max}$ | time |
| **Number of fittings per driver** | 16 | 21 | 26 | 33 | 10 | 13 | 16 | 20 | 26 A | 224 µs |

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