JL-700M

M Class Zhaga Book 18 lock socket for 0-10 V dimming scheme

Datasheet ref. JL-700M EN 2411V6 Issue date 12 November 2026 Type Engineering data

Product type	Zhaga Book-18 style lock socket (receptacle) for 0–10 V dimming — not a controller
Contact rating	1.5 A, 30 VDC (typical 24 V)
Rated impulse voltage	0.8 kV
Insulation protection	Class II
Contact configuration	Four-pole contact, hot pluggable
Surge	Meets 10 kV common-mode surge test requirement
Ingress protection	IP66 achievable without installing screws
Ambient temperature	−40 °C to +70 °C
Relative humidity	96%
Wiring	AWM 1015 18/20/22 AWG 105 °C; AWM 1007 18/20/22 AWG 80 °C; #20 conductor is UL listed
Port definition	1 RED 24 VDC; 2 BLACK 0–10 V− / GND; 3 VIOLET 0–10 V+; 4 YELLOW general I/O
Mating controller	Φ 40–80 mm expansion controller using the same connection interface

Need pricing, MOQ, lead time or an OEM version?

Send the operating voltage, load rating and order quantity. Our engineers reply within 24 hours with unit price, MOQ, lead time, certificates and a drawing of the exact variant for your project.

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