

Product data sheet

Specifications



Solid State Relay, Harmony Relay, output module, DIN rail mount, 3A, 4 to 28VDC input, 5 to 60VDC output

SSLM1LD23BD

⚠ Discontinued on: Aug 13, 2024

⚠ Discontinued

Main

Range of product	Harmony Relay
Device short name	SSLM
Network number of phases	1 phase

Complementary

Mounting support	Symmetrical DIN rail
[In] rated current	3 A
Output voltage	5...60 V DC
[Uc] control circuit voltage	4...28 V DC
contacts type and configuration	1 NO
CLAMPING FORCE	0.6...0.8 N.m
Connections - terminals	Screw terminals, 1 x 0.2...1 x 5.26 mm² AWG 24...AWG 10)
Switching voltage	4 V DC turn-on
Load current	0...3 A
Maximum voltage drop	<1 V on-state
Maximum leakage current	0.001 mA off-state
Response time	50 µs turn-on) 100 µs turn-off)
Overvoltage category	III
Width	0.3 in (7.5 mm)
Height	3.1 in (80 mm)
Depth	2.5 in (63 mm)
Net weight	0.07 lb(US) (0.03 kg)
Device presentation	Complete product

Environment

Dielectric strength	4000 V input/output
Pollution degree	2
Product certifications	EAC UL CSA

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Marking	EAC
	CE
	CSA
	UL
Ambient air temperature for operation	32...158 °F (0...70 °C)

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	2.4 in (6 cm)
Package 1 Width	0.30 in (0.75 cm)
Package 1 Length	3.1 in (8 cm)
Package 1 Weight	1.09 oz (31 g)

Contractual warranty

Warranty (in months)	18
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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained](#) >

[How we assess product sustainability](#) >

Use Better

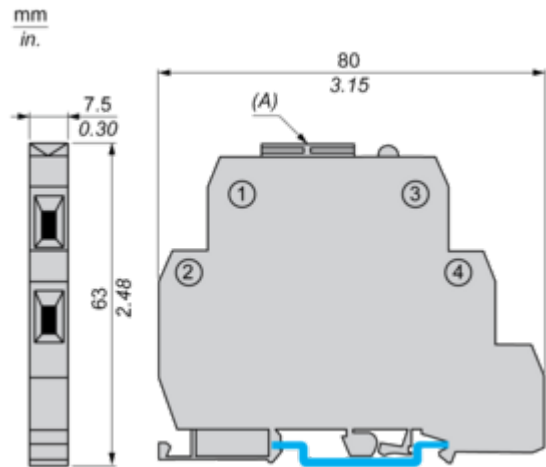
Materials and Substances	
EU RoHS Directive	Compliant By Exemption

Use Longer

Lifetime extension	
Repair	No

Dimensions Drawings

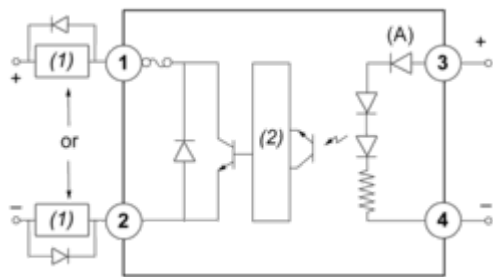
Dimensions



(A) Fuse Holder

Connections and Schema

Wiring Diagram



- 1,2 : Field VDC (Supply through Load)
- 3, 4 : Vcc
- (1) Load
- (2) Amplifier
- (A) LED

Technical Illustration

Dimensions

