

SDI 1CO

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Product image



Relay sockets for the D-SERIES DRI relays

- 1 and 2 CO contacts
- Screw and PUSH IN connection
- Standard and low heights

General ordering data

Version	D-SERIES DRI, Relay bases, Number of contacts: 1, CO contact, Continuous current: 12 A, Screw connection
Order No.	7760056350
Type	SDI 1CO
GTIN (EAN)	6944 169739972
Qty.	10 pc(s).

Creation date March 29, 2021 8:53:20 PM CEST

Catalogue status 12.03.2021 / We reserve the right to make technical changes.

SDI 1CO

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Dimensions and weights

Depth	61 mm	Depth (inches)	2.402 inch
Height	80.2 mm	Height (inches)	3.157 inch
Net weight	35.6 g	Width	15.8 mm
Width (inches)	0.622 inch		

Temperatures

Storage temperature	-40 °C...85 °C	Operating temperature	-40 °C...70 °C
Humidity	35...85 % rel. humidity, no condensation		

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
------------	----------------

Rated data UL

Certificate No. (cURus)	E355547
-------------------------	---------

Load side

Continuous current	12 A	Max. switching voltage, AC	250 V
Rated switching voltage	250 V AC		

Contact data

Contact type	1 CO contact
--------------	--------------

General data

Rail	TS 35		
Colour	black		
UL94 flammability rating component	Component	Housing	
	UL94 flammability rating	V-2	
	Component	Mounting foot	
	UL94 flammability rating	HB	
Component	Retaining clip		
	UL94 flammability rating	HB	

Insulation coordination

Creepage and clearance distance input – output	≥ 3 mm	Dielectric strength, Input/Output	4 kV _{eff} / 1 Min.
Impulse withstand voltage	4.8 kV (1.2/50 μs)	Insulating material group	IIIb
Pollution severity	2	Protection degree	IP20
Rated voltage	250 V	Surge voltage category	III

Further details of approvals / standards

Standards	EN 60664-1:2007, EN 61000-6-2:2005, EN 61000-6-4:2007 + A1:2011, UL 508	Certificate No. (cURus)	E355547
-----------	--	-------------------------	---------

SDI 1CO

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Connection data

Wire connection method	Screw connection	Stripping length, rated connection	8 mm
Tightening torque, min.	0.5 Nm	Tightening torque, max.	0.8 Nm
Clamping range, rated connection	1.5 mm ²	Clamping range, min.	0.25 mm ²
Clamping range, max.	4 mm ²	Wire cross-section, solid, min.	0.25 mm ²
Wire cross-section, solid, max.	4 mm ²	Wire connection cross section, finely stranded, min.	0.25 mm ²
Wire connection cross section, finely stranded, max.	4 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.25 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	4 mm ²	Conductor cross-section, flexible, AEH (DIN 46228-1), min.	0.25 mm ²
Conductor cross-section, flexible, AEH (DIN 46228-1), max.	4 mm ²	Blade size	size PH1
Gauge to IEC 60947-1	A3		

Classifications

ETIM 6.0	EC001456	ETIM 7.0	EC001456
ECLASS 9.0	27-37-16-03	ECLASS 9.1	27-37-16-03
ECLASS 10.0	27-37-16-03	ECLASS 11.0	27-37-16-03

Approvals

Approvals



ROHS	Conform
UL File Number Search	E355547

Downloads

Approval/Certificate/Document of Conformity	EU Konformitätserklärung / EU Declaration of Conformity
Engineering Data	STEP
Engineering Data	EPLAN, WSCAD

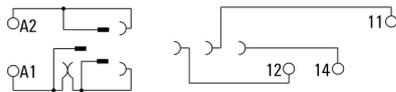
SDI 1CO

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

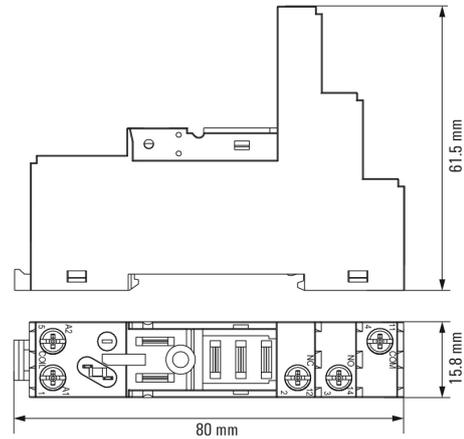
www.weidmueller.com

Drawings

Wiring diagram



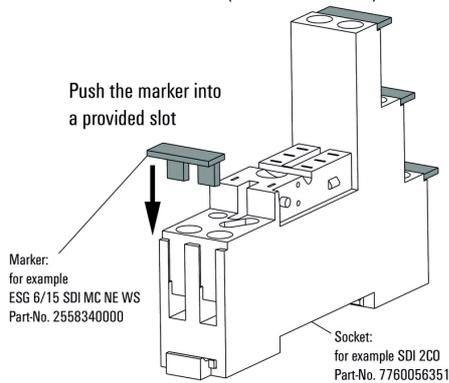
Dimensional drawing



Example of use

How to install marker

on screw connection sockets (four slots available)



How to install marker
 on screw connection sockets (four slots available)