

SPW ECO 3CO**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Product image**

Similar to illustration

Relay sockets for the D-SERIES DRW/DRH relays

- Up to 3 CO contacts
- Screw connection

General ordering data

Version	D-SERIES DRW / DRH, Relay socket, Number of contacts: 3, CO contact, Continuous current: 16 A, Screw connection
Order No.	1220250000
Type	SPW ECO 3CO
GTIN (EAN)	4032248100101
Qty.	10 pc(s).

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Technical data

Dimensions and weights

Depth	31 mm	Depth (inches)	1.22 inch
Height	92.1 mm	Height (inches)	3.626 inch
Width	38.7 mm	Width (inches)	1.524 inch
Net weight	64.1 g		

Temperatures

Storage temperature	-40 °C...60 °C	Operating temperature	-40 °C...60 °C
Humidity	5...85 % rel. humidity, no condensation		

Rated data UL

Certificate No. (cURus)	E312083
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Load side

Rated switching voltage	250 V AC	Continuous current	16 A
Max. switching voltage, AC	250 V	Contact type	3 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

Rated voltage	500 V	Pollution severity	2
Surge voltage category	II	Insulating material group	IIIb
Dielectric strength for control side - load side	4 kV _{eff} / 1 min	Dielectric strength of neighbouring contacts	4 kV _{eff} / 1 min
Impulse withstand voltage	7.3 kV (1.2/50 µs)	Protection degree	IP10

Further details of approvals / standards

Certificate No. (cURus)	E312083
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Connection data

Wire connection method	Screw connection	Stripping length, rated connection	8 mm
Tightening torque, min.	0.5 Nm	Tightening torque, max.	1.2 Nm
Clamping range, min.	0.5 mm ²	Clamping range, max.	4 mm ²
Wire cross-section, solid, min.	0.5 mm ²	Wire cross-section, solid, max.	4 mm ²
Wire connection cross section, finely stranded, min.	0.5 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.	0.5 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	1.5 mm ²
Conductor cross-section, flexible, AEH (DIN 46228-1), min.	0.5 mm ²	Conductor cross-section, flexible, AEH (DIN 46228-1), max.	2.5 mm ²
Wire connection	M4 forked cable lug (insulated)	Blade size	Gr. PH2

Classifications

ETIM 6.0	EC001456	ETIM 7.0	EC001456
ETIM 8.0	EC001456	ETIM 9.0	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
ECLASS 12.0	27-37-16-03	ECLASS 13.0	27-37-16-03
ECLASS 14.0	27-37-16-03		

Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

Important note

Product information	For this socket, a cross connection is not available.
	For this socket, markers are not available.

Approvals

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E312083

Downloads

Approval/Certificate/Document of Conformity	EU Konformitätserklärung / EU Declaration of Conformity
Engineering Data	CAD data – STEP
Catalogues	Catalogues in PDF-format
Brochures	

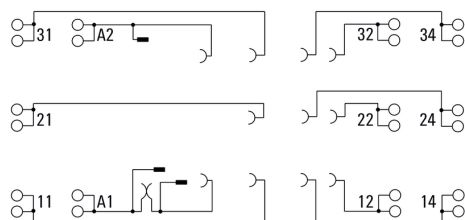
SPW ECO 3C0

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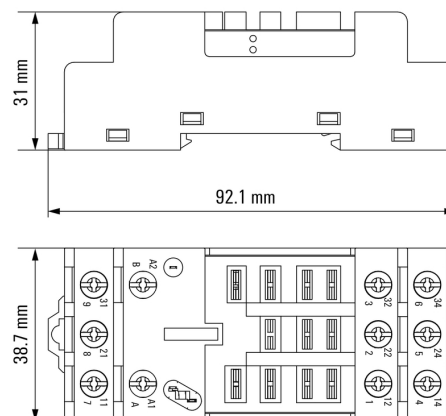
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Drawings

Wiring diagram



Graph



Dimensional drawing

Dimensional drawing