

D-SERIES DRW / DRH SPW ECO 3CO

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
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Product image



Accessories for D-SERIES relays include:

- Relay bases
- LED / Protective modules
- Metal retaining clips

General ordering data

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

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Technical data
Dimensions and weights

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

Temperatures

Humidity	35...85 % rel. humidity, no condensation	Operating temperature, max.	60 °C
Operating temperature, min.	-40 °C	Storage temperature, max.	60 °C
Storage temperature, min.	-40 °C	Operating temperature	-40 °C...60 °C
Storage temperature	-40 °C...60 °C		

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Rated data UL

Certificate No. (cURus)	E312083
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Output

Rated switching voltage	500 V AC	Max. switching voltage, AC	500 V
Continuous current	16 A		

Contact data

Contact type	3 CO contact
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General data

Rail	TS 35	Colour	black
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Insulation coordination

Rated voltage	500 V	Surge voltage category	II
Pollution severity	2	Insulating material group	IIIb
Protection degree	IP10	Dielectric strength, Input/Output	4 kV _{eff} / 1 min
Clearance distance input - output	≥ 3 mm	Creepage distance input - output	≥ 5 mm
Dielectric strength of neighbouring contacts	4 kV _{eff} / 1 min	Impulse withstand voltage	7.3 kV (1.2/50 µs)

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)	E312083
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Technical data
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 3.0	EC001456	ETIM 5.0	EC001456
ETIM 6.0	EC001456	eClass 6.2	27-37-16-03
eClass 7.1	27-37-16-03	eClass 8.1	27-37-16-03
eClass 9.0	27-37-16-03	eClass 9.1	27-37-16-03

Product information

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

Approvals

Approvals



ROHS	Conform
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Downloads

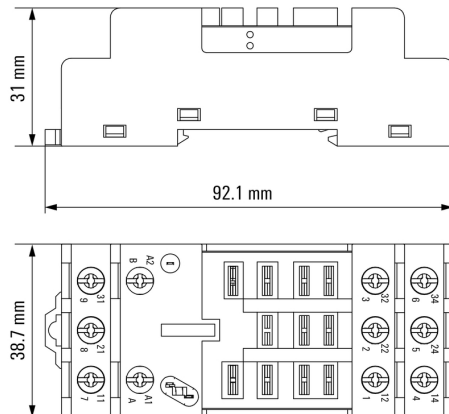
Approval/Certificate/Document of Conformity	DE_PA_5600_160310_005.pdf
Brochure/Catalogue	CAT 4.2 ELECTR 18/19 EN
Engineering Data	EPLAN_WSCAD
Engineering Data	STEP

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Drawings

Dimensional drawing



Graph

DC load limit curve
Resistive load

Dimensional drawing