

DRM570730L AU

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

www.weidmueller.com

Product image



Similar to illustration

Individual relays within the D-SERIES DRM

- 4 CO contact
- AC coils
- With integrated status LED

General ordering data

Version	D-SERIES DRM, Relay, Number of contacts: 4, CO contact, AgNi gold-plated, Rated control voltage: 230 V AC, Continuous current: 5 A, Plug-in connection
Order No.	7760056188
Type	DRM570730L AU
GTIN (EAN)	4032248922277
Qty.	20 items

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Technical data

Approvals

ROHS Conform

Dimensions and weights

Depth	35.7 mm	Depth (inches)	1.4055 inch
Height	27.4 mm	Height (inches)	1.0787 inch
Width	21 mm	Width (inches)	0.8268 inch
Net weight	35 g		

Temperatures

Storage temperature	-40 °C...70 °C	Ambient temperature	-40 °C...55 °C
Operating temperature		Humidity	35...85 % rel. humidity, no condensation

Environmental Product Compliance

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

Control side

Rated control voltage	230 V AC	Rated current AC	6.1 mA (50 Hz), 5.2 mA (60 Hz)
Power rating	1.0...1.2VA (60HZ)	Coil resistance	15000 Ω ± 10 %
Status indicator	red LED		

Load side

Rated switching voltage	250 V AC	Continuous current	5 A
Max. switching frequency at rated load	0.1 Hz	Max. switching voltage, AC	250 V
Inrush current	10 A / 50 ms	AC switching capacity (resistive), max.	1250 VA
DC switching capacity (resistive), max.	120 W @ 24 V	Switch-on delay	<20 ms
Switch-off delay	<20 ms	Contact type	4 CO contact (AgNi gold-plated)
Mechanical service life	20 x 106 switching cycles	Min. switching power	1 mA @ 1 V

General data

Test button available	No		
Mechanical switch position indicator	Yes		
Colour	Transparent		
UL94 flammability rating component	Component	Relay cover	
	UL94 flammability rating	V-2	
	Component	Relay baseplate	
	UL94 flammability rating	V-0	
	Component	Relay status indicator	
	UL94 flammability rating	HB	

Insulation coordination

Rated voltage	250 V	Pollution severity	2
Surge voltage category	III	Clearance and creepage distances for control side - load side	≥ 5.5 mm

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Dielectric strength for control side - load side	1.8 kVeff / 1 min.	Dielectric strength of neighbouring contacts	1 kVeff / 1 min
Dielectric strength of open contact	1 kVeff / 1 min	Impulse withstand voltage	6 kV (1.2/50 µs)
Protection degree	IP20		

Connection data

Wire connection method Plug-in connection

Classifications

ETIM 8.0	EC001437	ETIM 9.0	EC001437
ETIM 10.0	EC001437	ECLASS 14.0	27-37-16-01
ECLASS 15.0	27-37-16-01		

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Drawings

Wiring diagram



View of Pins from below

Graph



DC load limit curve Resistive load

Graph



Electrical service life

Graph



AC operational voltage range

Dimensional drawing



