

DRM Series
DRM570024/4CO/24V DC**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 16

D-32758 Detmold

Germany

Fon: +49 5231 14-0

Fax: +49 5231 14-292083

www.weidmueller.com



DRM - The new miniature power relay from Weidmüller. Designed to fit various application requirements with standard and reverse polarity suppressor diode, as well as different screw terminal connection versions, allowing the customer to choose his preferred cable lug types. DRM offers functionality to meet industrial standards:

- Sturdy plug-in connection
- Optional test lever with lock function and window
- Optional status indicator with different color for AC and DC coil
- Optional suppressor diode for DC coil

General ordering data

Type	DRM570024/4CO/24V DC
Order No.	7760056079
Version	DRM Series, Relays, No. of contacts: 4, CO contact, AgNi 90/10, Rated control voltage: 24 V DC, Continuous current: 5 A, Plug-in connection
GTIN (EAN)	4032248855124
Qty.	20 pc(s).

DRM Series

DRM570024/4CO/24V DC

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com

Technical data

Dimensions and weights

Width	21.5 mm	Height	28 mm
Depth	36 mm	Weight	35 g
Net weight	35.65 g		

Temperatures

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

Input

Rated control voltage	24 V DC	Rated current DC	36.9 mA
Coil resistance	650 Ω	Power rating	0.9 W
Pull-in (sparkover) drop-out voltage DC coil	18 V / 2.4 V		

Output

Max. switching voltage, AC	250 V	Continuous current	5 A
Max. switching power	1250 VA	Switch-on delay	< 20 ms
Switch-off delay	< 20 ms	Min. switching power	100 mA / 5 V, 10 V / 10 mA, 24 V / 1 mA
Max. switching frequency at rated load	0.1 Hz		

Contact specifications

No. of contacts	4	Contact design	CO contact
Contact material	AgNi 90/10	Mechanical service life	AC coil 10 x 10 ⁶ Switching cycles, DC coil 30 x 10 ⁶ Switching cycles

general data

Test button	No	Wire connection method	Plug-in connection
Humidity	35...85 % rel. humidity, no condensation	Weight	35 g
UL 94 flammability rating	V-0	DIN Rail compatibility	TS 35
Ambient temperature	-40 °C...+70°C		

Insulation coordination

Rated voltage	250 V	Protection degree	IP 20
Pollution severity	3	Surge voltage category	III

Other technical data

Version	Without LED	Free-wheel diode	No
---------	-------------	------------------	----

Connection data

Wire connection method	Plug-in connection
------------------------	--------------------

DRM Series
DRM570024/4CO/24V DC

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

Technical data

Classifications

eClass 6.2

27-37-16-01