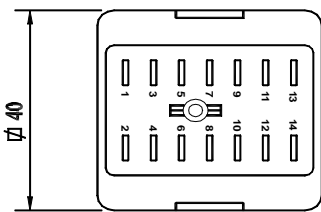
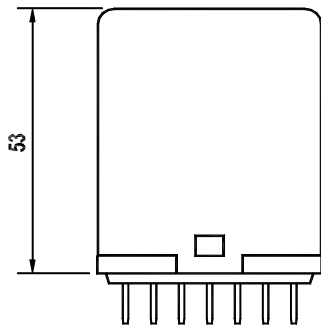


LATCHING RELAY

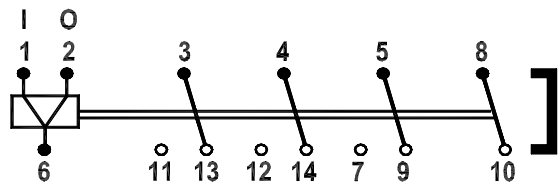
Product BD-U200 series 4 pole relay	Country of origin: The Netherlands
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Dimensions	Company
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Connection diagram



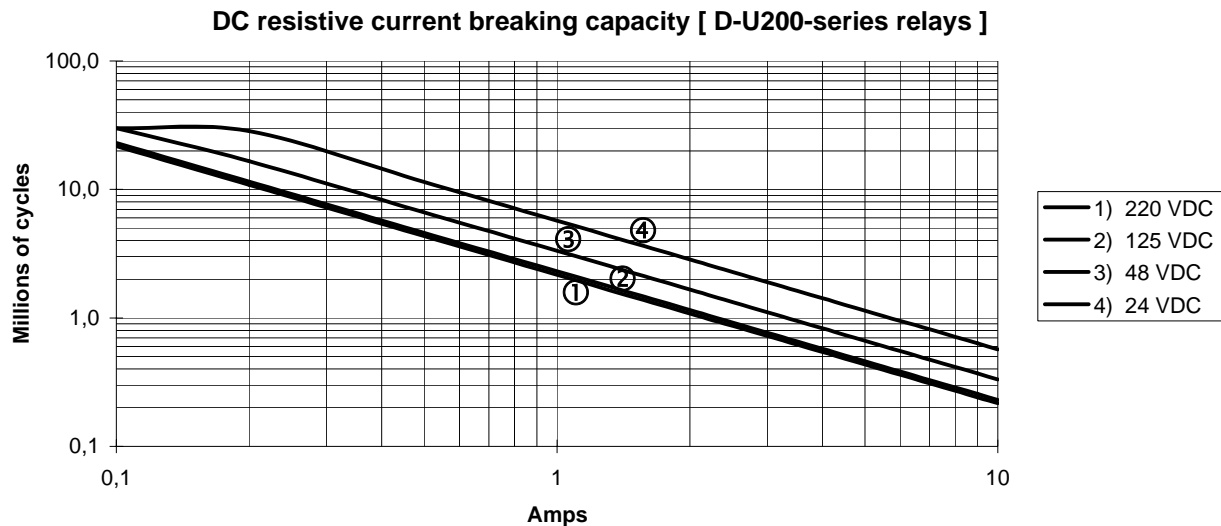
Description

Plug-in bistable relay with three change-over contacts and one normally closed contact.
Equipped with magnetic arc blow-out.
Bistable by means of a permanent magnet.

Coil data

Type	U_{nom}	$U_{pull-in}$	U_{max}	R_{coil}		
BD-U201	24 V	16.8 V	30 V	325 Ω		
BD-U202	48 V	33.6 V	60 V	2000 Ω		
BD-U203	72 V	50.4 V	90 V	3275 Ω		
BD-U204	110 V	77 V	137.5 V	8700 Ω		
BD-U205	96 V	67.2 V	120 V	7350 Ω		
BD-U206	12 V	8.4 V	15 V	135 Ω		
BD-U207	36 V	25.2 V	45 V	1000 Ω		
Minimum impuls time		25 ms				
Bounce time NO contacts		4 ms		Bounce time NC contacts		8 ms
Coil consumption		1.7 W at U_{nom}				

Contact data			
Max. make current	16A (200A, 10ms)	Material	silver
Max. cont. current	10 A (AC1 ; IEC 60947)	Contactgap	0.7 mm
Max. switching voltage	250VDC, 440VAC	Insulation between open contacts	2.5 kV; 50 Hz; 1 min
Min. switching voltage	12 V, 10mA		
Max. contact resistance	15 milli Ohm	Contactforce	> 200 mN
Max. breaking capacity	DC 110 V, 10A (L/R<=15ms) AC 230 V, 10A (cos phi>=0.7)		



other loads on request

General data		
Dielectric strength	Pole-Pole	EN 50155 4 kV, 50 Hz, 1 min
	Cont-Coil	IEC 60255-5 2.5 kV, 50 Hz, 1 min
Insulation class	IEC 60255-5	serie C 380 V 50Hz/450 VDC
Pulse withstanding	IEC 60255-5	5 kV (1.2/50 μs)
Vibration	IEC 60571	5 g at 50 Hz
	EN 50155	2 g, 10-150 Hz
Shock	EN 50155	15 g, 11 ms
Mechanical life		10*10 ⁶ ops
Max. switching frequency		1200 ops/h
Weight		150 g
Temperature	T _{amb,max}	+70 °C
	T _{amb,min}	-25 °C
Humidity		80%, condensation not permitted
Protection		IP 40
Materials		Makrolon Polyester

Options	
C	-40 °C maximum contact current 8A
D	back EMF protection diodes
E	gold plated contacts
K	special dust protection
M	AgSnO ₂ contacts
N	no magnetic arc blow-out