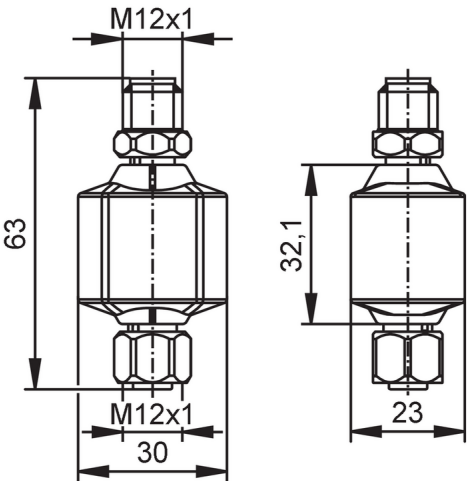


DP3603



Relay adapter

RELAIS ADAPTER/2xNO/IP69K



Product characteristics

Output function	normally open
Dimensions [mm]	63 x 30 x 23

Electrical data

Operating voltage [V]	18...30 DC; ((in wet environments: 18...28 V) ; to SELV/PELV)
Nominal voltage DC [V]	24
Current consumption [mA]	< 10

Inputs / outputs

Number of inputs and outputs	Number of digital inputs: 2; Number of relay outputs: 2
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Inputs

Number of digital inputs	2; (type 3 (IEC 61131-2))
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Outputs

Voltage range DC [V]	0...32; (to SELV/PELV)
Voltage range AC [V]	0...20; ((in wet environments: 0...16 V); to SELV/PELV)
Output function	normally open
Max. current load per output [mA]	1000; (Socket Pin 1: 2000 mA)
Number of relay outputs	2
Switching frequency AC [Hz]	1
Switching frequency DC [Hz]	1
Notes on switching frequency [Hz]	no capacitive loads

Operating conditions

Ambient temperature [°C]	-25...60
Note on ambient temperature	2000 m: -25...60 °C
	3000 m: -25...55 °C
	4000 m: -25...52 °C
Storage temperature [°C]	-25...70
Max. relative air humidity [%]	90; (linearly decreasing to 50 % (40 °C) non condensing)
Max. height above sea level [m]	4000
Protection	IP 67; IP 69K



Relay adapter

RELAIS ADAPTER/2xNO/IP69K

Pollution degree	2; (before installation and when the device is replaced)	
Chemical media	DIN EN ISO 175, Ecolab test method 40-1	
	the following media were tested for 28 days at constant room temperature using the dipping test method	P3-topax 66
		P3-topax 990
		Topactive 200
		Topactive 500
		Topactive OKTO

Tests / approvals		
MTTF	[years]	942
UL approval	Ta	max. 55 °C
	File number UL	E205959

Mechanical data	
Weight	[g] 75.1
Weight (without accessories and packaging)	[g] 35
Dimensions	[mm] 63 x 30 x 23
Material	housing: PA; knurled nut: stainless steel (1.4404 / 316L)
Sealing material	FKM

Remarks	
Remarks	Further information is available in the manual. the device complies with overvoltage category II
Pack quantity	1 pcs.

Electrical connection - plug

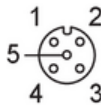
Connector: 1 x M12, straight; coding: A; Contacts: 4; Locking: stainless steel (1.4404 / 316L); sealing: FKM



- | | |
|--------|----|
| 1: L+ | |
| 2: IN1 | DI |
| 3: L- | |
| 4: IN2 | DI |

Electrical connection - Socket

Connector: 1 x M12, straight; coding: A; Contacts: 4; Locking: stainless steel (1.4404 / 316L); sealing: FKM



- | | |
|------------|---------|
| 1: L1 / L+ | (AC/DC) |
| 2: OUT1 | NO |
| 3: n.c. | |
| 4: OUT2 | NO |
| 5: n.c. | |