

VARIOFACE Simulation Modules for PLC Systems Cabling UM 45-DO/LA/SIM8 and UM 45-DI/DO/S/LA/SIM8

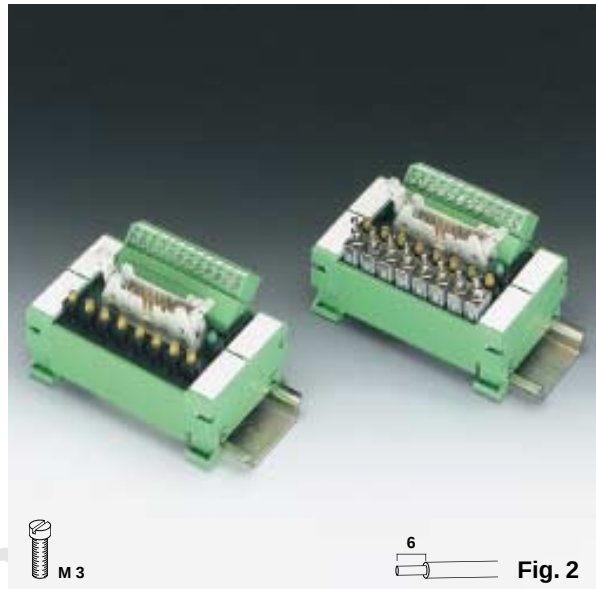
1. Short description

These VARIOFACE modules enable easy digital simulation of the inputs and outputs of a PLC system.

The switch module UM 45-DI/DO/S/LA/SIM8 and the display module UM 45-DO/LA/SIM8 are equipped with COMBICON screw plug connectors for discrete connection. Alternatively, connection to the PLC System Cabling is possible via a 14 ribbon cable header. The connection to the front adapters of the PLC system cabling is made using 14 way ribbon cable.

Each signal path is allocated an LED via which the signal status "high active" is signalized. The supply voltage to the modules is signalized by a green LED.

The modules are provided with short and long locking latches to snap lock the ribbon cable.



Dimensional drawing UM45-DO/LA/SIM8

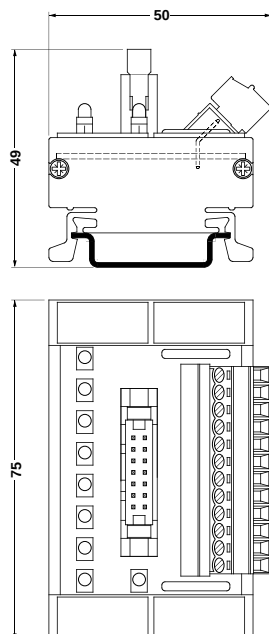


Fig. 1

Dimensional drawing UM45-DI/DO/S/LA/SIM8

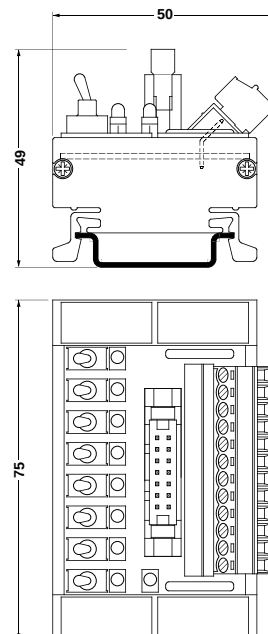


Fig. 3

VARIOFACE Modules for Simulation UM-45-DO/LA/SIM8 and UM-45-DI/DO/S/LA/SIM8

Circuit diagram
UM 45-DO/LA/SIM8

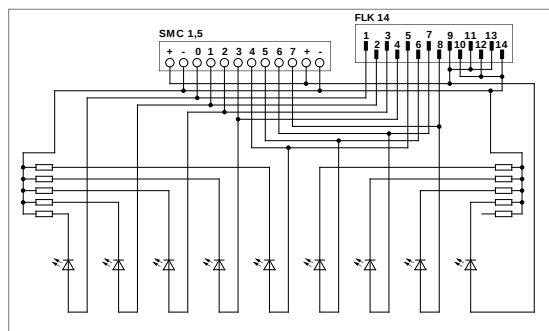


Fig. 3



Fig. 4

2. Technical data

UM 45-DO/LA/SIM8

Digital Out Module

2.1. Description

VARIOFACE DO simulation module, for simulation
for mounting on 3

Module
width B
[mm]

75

2.2. General data

Maximum perm. operating voltage
Maximum perm. current (per path)
Maximum perm. current

(+,- terminal block)
(+,- FLK)

Test voltage contact/contact:
Perm. temperature range
Installation position

(IEC) [mm ²]	rigid solid	flexible stranded	AWG	I [A]	U [V]
Connection data	0.14-1.5	0.14-1.5	26-16	1	60

Type

Order No.

Pcs.
Pkt.

UM 45-DO/LA/SIM8

29 68 19 5

1

2.3. Standards/regulations

Air and creepage distances

IEC 60664 (1980)/IEC 60664 (1981)
DIN VDE 0110 (1.89),
contamination class 2
surge voltage category II,
DIN VDE 0109, part 11 (12.87 draft)

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Connection scheme
UM 45-DI/DO/S/LA/SIM8

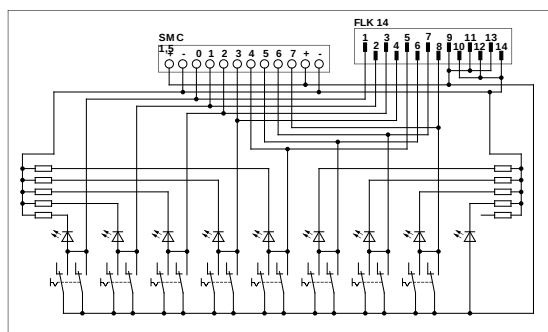


Fig. 5



Fig. 6

3. Technical data

UM 45-DI/DO/S/LA/SIM8

with micro switch

3.1. Description

VARIOFACE switch module, for simulation
for mounting on 3

Module
width B
[mm]

75

3.2. General data

Maximum perm. operating voltage
Maximum perm. current (per path)
Maximum perm. current

(+,- terminal block)
(+,- FLK)

Test voltage contact/contact:
Perm. temperature range
Installation position

(IEC) [mm ²]	rigid solid	flexible stranded	AWG	I [A]	U [V]
Connection data	0.14-1.5	0.14-1.5	26-16	1	60

Type

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