

VARIOFACE Modules for Ribbon Cable Plug Connectors FLKM 10 ... 64

1. Short Description

VARIOFACE modules act as standard interfaces for the switch cabinet to connect the multiposition computer I/O modules to ribbon cable connections acc. to IEC 603-1/ DIN 41 651 via standard field cables up to 2.5 mm². VARIOFACE modules are therefore an indispensable wiring interface for modern machine and plant equipment. The modules have a universal foot and are simply snapped onto the EN mounting rails as a compact terminal strip.

The VARIOFACE modules for ribbon are available in two designs:

1. the compact FLKM modules with 10 to 26-position pin strips and an additional test connection per signal line.
2. the variable FLKM modules with 10 to 64-position pin strips and the possibility of integrating electronic components such as light indicators for the signal lines in addition to the cable interface (cross section matching).

Three versions are available:

- the standard FLKM modules are wiring interfaces with 10 to 64-position pin strips,
- the very narrow FLKMS modules with 10 to 64-position pin strips and 3-level screw connection terminal blocks for conductor cross sections up to 2.5 mm²,
- the FLKM.../LA modules with 10 to 64-position pin strips and an additional LED per signal path which indicates the signal status.

In order to secure the various ribbon cable plugs with and without strain relief on the VARIOFACE module against being accidentally released, one pair of high and one pair of low engagement catches are also supplied.

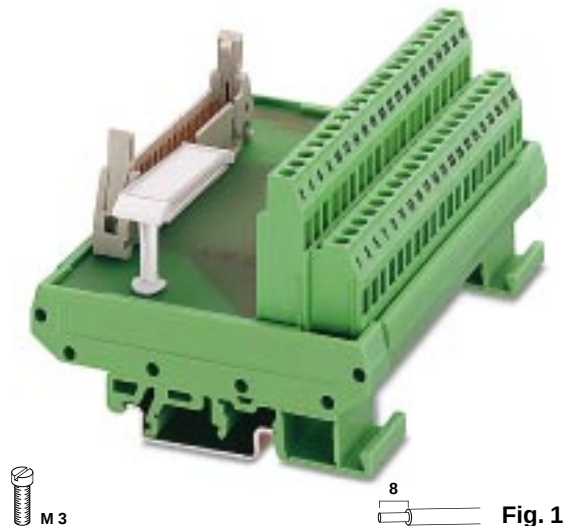


Fig. 1

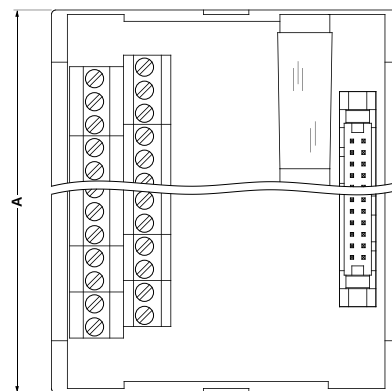
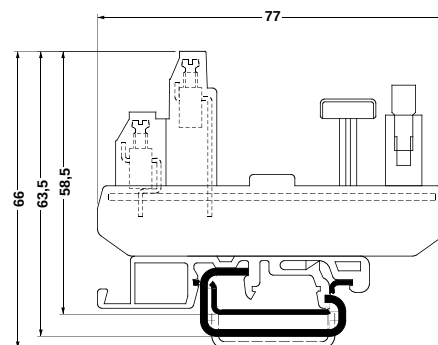


Fig. 2

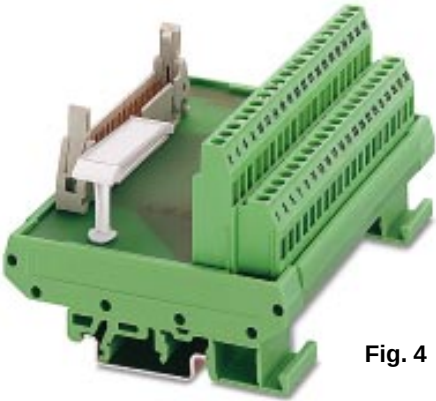
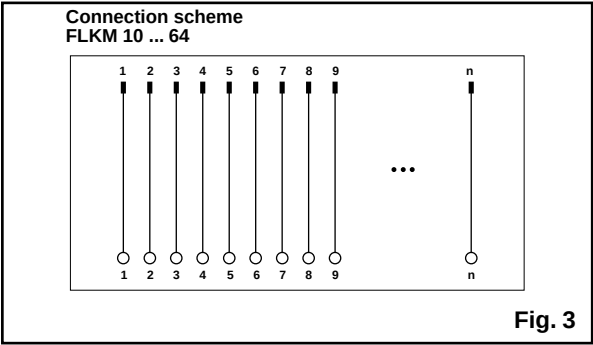


Fig. 4

2. Technical data

FLKM 10...64

10- to 64-position

			(IEC) [mm ²]	rigid solid	flexible stranded	AWG	I [A]	U [V AC/DC]
Connection data				0.2-4	0.2-2.5	24-12	1	60
UL						30-12	1	125
CSA (for FLKM 40)						28-12	1	125
								
2.1. Description	No. of pos.	Module width A [mm]	Type				Order No.	Pcs. Pkt.
VARIOFACE module, for mounting on  or  , with pin strip as well as short and long engagement catches for socket strips	10	34.0	FLKM 10				22 81 01 8	10
	14	45.0	FLKM 14				22 81 02 1	10
	16	45.0	FLKM 16				22 81 03 4	10
	20	57.0	FLKM 20				22 81 04 7	10
	26	79.0	FLKM 26				22 81 05 0	5
	34	90.0	FLKM 34				22 81 06 3	5
	40	113.0	FLKM 40				22 81 07 6	5
	50	135.0	FLKM 50				22 81 08 9	5
	60	158.0	FLKM 60				22 81 09 2	5
	64	169.0	FLKM 64				22 81 10 2	5
2.2. General data			60 V AC/DC 1 A -20 °C to +50 °C 0.5 kV (60 s) 50 Hz any Polyamide PA non-reinforced (green)					
2.3. Standards/regulations			IEC 60664 (1980)/IEC 60664A (1981) DIN VDE 0110 (01.89) contamination class 2 surge voltage category II DIN VDE 0109, part 11 (12.87) draft					
Air and creepage distances for FLKM 10..., 16..., 26..., 34..., 40..., 50..., 64...			DIN VDE 0110/Gr. B 60 V AC DIN VDE 0160					
for FLKM 14..., 20..., 60...								

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TNR: 5087688-00

30.12.04

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