

## INTERFACE BREAK OUT MODULES

FBK-C, FBK-CZ

15272.2

FBK 10C, 10 way Ribbon cable interface module, screw terminals

- Compact din rail mount modules
- RJ45, RJ11 and USB options
- Industrial Ethernet (SPE)
- D-Sub and D-Sub HD, male & female
- Screw or tension spring connections



### PRODUCT DESCRIPTION

Interface modules allow you to connect standard pre-moulded cable connector sets onto screw or tension-spring PCB terminals.

The connections of the multi-pole or high-pole connectors are configured one to-one to the PCB – from the individual wires via connectors to pre-assembled cables. This means the assembly time and associated costs are reduced.

The compact design of the interface modules, and the clear terminal labelling, and their simple assembly on TS 32 or TS 35 rails, this system represents an attractive alternative to a pure individual wire approach.

RJ 45 and USB use the standardized RJ45 Ethernet and USB connectors from computer components, Ethernet ready devices or modems and have screw PCB terminals.

The RJS45-SH is even more compact and uses push in connectors and has the added spring shield clip for locally grounding the cable.

A new addition to the range is the Industrial SPE (single Pair Ethernet) interface with spring shield clip.

The SD modules using the standard D-SUB, male or female connectors, they are available with either screw or tension-spring PCB terminals.

The interface modules range from 9 way to 37 way with single or double connector.

A high density 15 way (VGA type) is also included to complete the family.

The SD-LA modules also feature a LED status display.

The FBK modules enable the assembly of pre-assembled ribbon cables with connectors (from 10 to 64 poles), typically used in BMS or PLC systems and have either screw or tension-spring PCB terminals.

The OE interface modules make use of the EDAC "hermaphrodite" multi-pole plug (Series 516) on screw connections. This results in excellent shock and vibration resistance. The offset arrangement of the connector means that the neighbouring modules will not be impaired. The EDAC connector is compatible with the ELCO 8016 connector series

### SPECIFICATIONS

Connection type	Screw
Connector type	Ribbon cable, EN 60603-13

Contamination degree	2
Country of origin	NL
Cross section single wire from	0.2 mm <sup>2</sup>
Cross section single wire to	2.5 mm <sup>2</sup>
Cross section stranded with ferrule from	0.2 mm <sup>2</sup>
Cross section stranded with ferrule to	2.5 mm <sup>2</sup>
Current carrying capacity per channel max	1 A
DIN-VDE Spec	DIN VDE 0110 / EN 50178
Height TS 35/7.5	61 mm
Length	47 mm
Number Of Connections	1
Number Of Poles	10
Operating temperature from	-20 °C
Operating temperature to	50 °C
Overvoltage category	III
Pack Size	1
Power Supply ACDC max	125 V
Stripping Length	7 mm
Tariff code	85369010
Test voltage eff	0.67 kV
Torque	0.6
Weight	63.28 g
Width	47 mm

