



KSC **Core** FUMD-1S/16

Adaptable, agile and customizable



- **Quality** Development and production in Germany
- **Reliable** For professional 24/7 use
- **Intelligent** Simple operating layout management in **KSC CORE**
- **Compatible** For all **KSC CORE** systems and other control systems

KSC-FUMD-1S/16 benefit from BFE's many years of international experience in control systems for the broadcast and telecommunications market.

These display units with the designation „Color Under-Monitor Display Serial“ (FUMDS) are remote-controlled text displays for installation in studio monitor walls. Up to 64 displays can be operated on one serial port of a matrix controller. By using the RS422 interface, the displays can be remotely controlled. The transmission speed of the displays has been increased compared to the I2C bus displays.

The **FUMD-1S/16** display unit consists of 18 dot matrix displays with easy-to-read characters at a height of 17 mm. Characters and/or symbols can be displayed in the colors green, red and yellow.

The text displays can be used to label the individual monitors with static text or with the name of the video signal connected in each case.

The signaling lights for red light or tally signaling are shown as coloured areas in the far right and left display of the text. Both „signaling lights“ can be controlled separately.

The **FUMDS/16** units are part of the BFE matrix control system and are supplied with data and power via a **FUMD-VT1** splitter box. Data communication is full duplex with RS422 signal level. Data communication via RS232 with PC connection can also be realized with a **FUMD-VT2** split box via DSUB9.

Continuity and innovation are our core values for the **KSC** product line - the solution for control and management applications in the broadcast and telecommunications market.

Main features

FUMD-1S/16/S1

- Item no. 490438
- Width 312, height 42, depth 31 mm
- Color RAL7016
- 1x serial RS422
- 5x7 dot matrix LED display
- Display color green, red and yellow
- Display height 17mm
- 18-digit, characters and or symbols
- Brightness adjustable in 4 levels

FUMD-1S/16/Z1

- Item no. 490658
- 19"/1 RU, depth 31 mm
- Color RAL7016
- 1x serial RS422
- 5x7 dot matrix LED display
- Display color green, red and yellow
- Display height 17mm
- 18-digit, characters and or symbols
- Brightness adjustable in 4 levels

Areas of application

- Audio-/Video production environment
- OB van
- Control rooms / transmission processing
- Network Operation Centers (NOC)
- Control centers / industrial control rooms
- Situation centers



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Order information

FUMD-1S/16/S1

Item number..... 490438
Dimensions width 312mm
 height 42mm
 depth 31mm
Color RAL7016
Interface..... 1x serial RS422
Display unit 18 pcs. 5x7 dot matrix LED display
 display color: green, red, yellow
 display height 17mm
 18-digit, characters and/or symbols
 brightness adjustable in 4 levels

FUMD-1S/16/Z1

Item number..... 490658
Dimensions 19"/1RU
 depth 31mm
Color RAL7016
Interface..... 1x serial RS422
Display unit 18 pcs. 5x7 dot matrix LED display
 display color: green, red, yellow
 display height 17mm
 18-digit, characters and/or symbols
 brightness adjustable in 4 levels

FUMD-VT1

Item number..... 400015
Dimensions width 65mm
 height 129mm
 depth 36mm
Interfaces 1x RS422 control input
 1x RJ45 cut through for further VT-1
 8x RJ45 output RS422 to FUMD-1S/16
Protection FUMD-S out is individually fused
Secondary power supply 24V

FUMD-VT2

Item number..... 400010
Dimensions width 65mm
 height 129mm
 depth 36mm
Converter RS232 zu RS422
Interfaces 1x DSUB9 RS232 PC connection
 1x RJ45 cut through for further VT-1
 8x RJ45 output RS422 to FUMD-1S/16
Protection FUMD-S out is individually fused
Secondary power supply 24V

Secondary power supply NG-007

Item number 400897
AC-Input 90 - 230 VAC
DC-Output..... 24V / 2,7A / 65W
Connection Binder low-voltage plus series 710

Service

Extensive support for hardware and software through professional service level agreements.
Please ask for our customer specific versions, tailored to your needs.

BFE Studio und Medien Systeme GmbH is an international manufacturer and system integrator for the professional media and broadcast solutions based in Germany. i

For further information visit us at www.ksc-systems.com.

Errors and omissions excepted. All specifications are subject to change without notice.

Reseller

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