



SAT 19" MULTISWITCH

BMS-1732K

19" Multiswitch for 2 or 4x SAT + Terrestrial

Model designation as per manufacturer reference

Overview

The VIZOBOX BMS-1732K is a professional 19" rack-mount SAT multiswitch for high-performance signal distribution in demanding SMATV head-ends.

Key Features & Applications

- ✓ This 19" 2 RU rackmount Multiswitch -which can be cascaded- is designed for up to 4
- ✓ converters such as BFR-41 via 1 CWDM – Fibre in a Headend and distribute up to 32 RF
- ✓ Main Features
- ✓ Low power consumption, air circulation due to 2 separate fans
- ✓ Tap loss 0,5dB, High isolation
- ✓ 950-2150MHz and 47-870MHz lossless sharp filter for each subscriber outputs
- ✓ Low signal resistant due to high gain through the receiver outputs
- ✓ LED indicators for each receiver output
- ✓ +4dB equalizer range for each RF output compensating slope
- ✓ Subjects to change w/o notification
- ✓ SAT position Inputs (+ Terrestrial) from standard quattro LNB's or from optic-electric
- ✓ outputs to the Headend receivers. 4-fibre solutions are coming soon...
- ✓ Dual redundant internal high isolated industrial Power supplies
- ✓ Active TERR input (passive input available), LNB On/Off switch
- ✓ Quad & Quattro LNB compatible
- ✓ Optimized RF design for the usage of DVB IPTV and Digital Headend
- ✓ Up to 8 consecutive cascading's possible
- ✓ RF - output port protection up to 100 volts
- ✓ Available for 2x SAT - positions = BMS-0932K and as Standalone version S

Technical Specifications

Inputs:	SAT / IF · 16 (9)
TERR	1
Receiver Outputs	32
Cascadable loop-through	SAT / IF · 16 (9) or Standalone
Outputs * not in S-Version	TERR · 1
TERR Gain	23...25dB Selection of LNB / Polarity 13V, 18V, 13V+22KHz, 18V
Frequency Range	SAT / IF · 950-2150MHz
TERR	47-870MHz
Tap-loss Subscriber Outputs	SAT / IF @ 950MHz · +1dB±1
SAT / IF @ 2150MHz	+1dB±1
TERR. Rec / Out 1-8	-4dB±2
TERR. Rec / Out 9-16	-4dB±2
TERR. Rec / Out 17-24	-4dB±2
TERR. Rec / Out 24-36	-4dB±2

Max. Input Level	SAT / IF · 98dB μ V
TERR	88dB μ V
Max. Output Level	SAT / IF IMA3 · 102dB μ V
TERR	85dB μ V
Return-loss	Input / Output · 10dB / 14dB
Isolation	SAT-SAT · >33dB
SAT-TV	>37dB
Usable LNBS	Quad & Quattro Max. Current from Subscriber 41mA Output
Max. Current from System	960mA
Max. Current with LNB	920mA
Operating Temperature	-85...+50°C
Dimensions	320 x 320 x 90mm (2RU) Corresponding products: BMS-0932 S/K = Same Multiswitch but for 2 SAT positions: BPF-41, optical Transmitter for 4x SAT + 1x terr. / BFR-41 opt. Receiver-converter:
Subjects to change w/o notification	BMS-1732K-flyer_EN_V1.3.docx Datasheet BMS-(09)1732K



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