

ASB 300

ACTIVE 8 - WAY ASI - SPLITTER

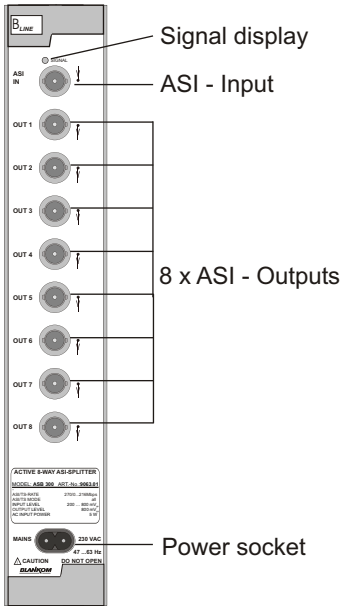


Fig. 01

DEVICE VARIANTS

ASB 300 9063.01 8-way ASI - Splitter

GENERAL

The active 8-way ASI-Splitter ASB 300 is a device of the headend system B-LINE which is conceived as a complete system for medium broadband networks. Up to 8 ASI - signals can be distributed via 8 outputs independently of the transported data.

FUNCTION DESCRIPTION

The module consists of an active 8-way splitter for digital ASI-signals.
The received ASI-signals will be regenerated by an equalizer and fed to the digital level/range.
Conformity to SMPTE as well as to EN50083-9
A green LED signalizes the input signal of the equalizer.
The processed signal will be decoupled by a distribution element passed to a output driver

Further information: Block diagram (Fig. 02)

BLOCK DIAGRAMM

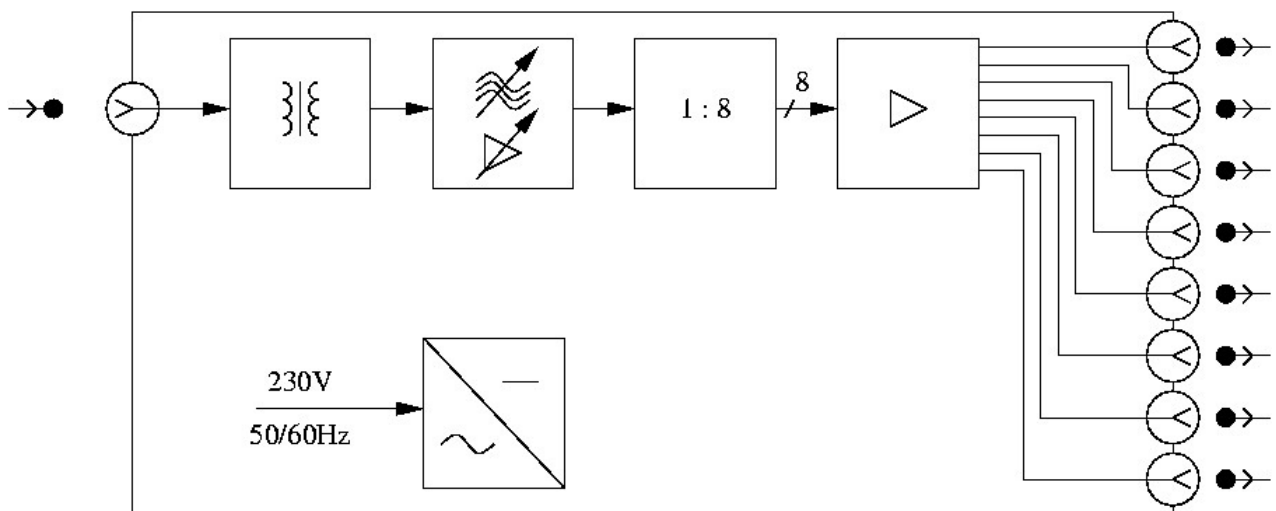


Fig. 02

TECHNICAL DATAS

ASI - Input

Level range	200 ... 800 mV _{ss} (+/- 10 %)
Data range	270 Mbit/s
Connector	BNC - socket
Impedance	75

ASI - Output (8x)

Level	800 mV _{ss} (+/- 10 %)
Data rate	follows the input
Connector	BNC - socket
Impedance	75

ASI - Signal processing

ASI - Transmission format	any
TS - Transmission format	any
TS - Data range	0 ... 216 Mbit/s (bei 270 Mbit/s ASI - Data rate)
Signal processing	EN 50083-9, SMPTE

Power supply

Voltage	230 V , (+10 % / -20 %)
Connector	Connector according to EN 60320 - 1 / C8 (IEC 320 - C8)
Frequency	50 / 60 Hz
Power consumption	max. 5 W
Internal device fuse	G 5 x 20, T100 / 250 (IEC 127)
Protection class	II according to DIN VDE 0860
Protection type	IP 20
Radio noise suppressions	according to DIN VDE 0871 (curve B)

Environmental conditions

Temperature range	-10 ... +55 °C
Relative humidity	80 % (nicht condens.)
Mounting method	vertically
Mounting location	Dry / squirting- & dripping water protected

Additional

Dimensions (W x H x L)	
without 19" - Adapter	50 x 276 x 148 mm
with 19" - Adapter	50 x 301 x 148 mm
Weight	1.156 g

Delivery content

1 x Power cord

SECURITY AND OPERATING INSTRUCTIONS



When assembling, starting-up and adjusting the modules, it is necessary to consider the system specific references in the manual instruction!



The modules may only be installed and started up by authorized technical personnel!



When assembling the modules into the receiving points, the adherence of the EMV regulations is to be secured!



The assembly and wiring have to be done without voltage!



All active modules may only be operated with the head end controller HCB 100 or bus extender BEB 100!



The main voltage for all power supply units is 230 V, 50 Hz.



With all work the defaults of the DIN EN 50083 have to be considered!
Especially the safety relevant execution of the DIN EN 50083/1 is necessary!



Options and other TV standards available upon request!

Changings due to technical processes are possible.

Part N°: 9063.01

BLANKOM Antennentechnik GmbH

Hermann - Petersilge - Str. 1 07422 Bad Blankenburg Germany Phone +49 (0) 36741/ 60-0 Fax +49 (0) 36741/ 60-100