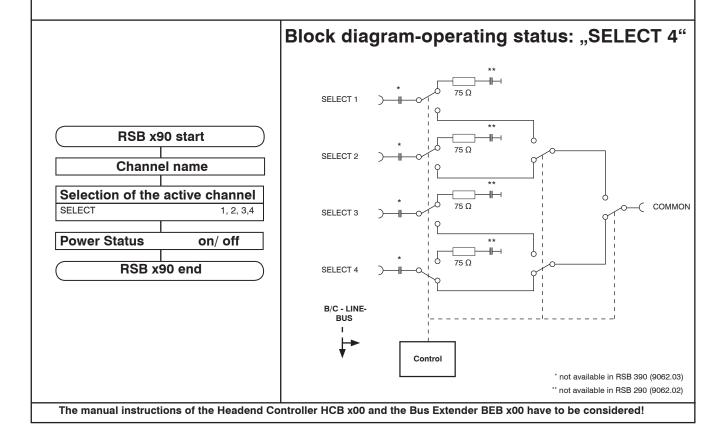


Functional description

The switch has 4 SELECT ports. One of these ports can be selected by software and switched to the COMMON port. The LED of the selected port is permanently on (yellow). Simultaneously the other 3 SELECT ports are terminated intern with an impedance of 75 Ω automatically. Within the module are 3 switches: one switches between SELECT 1 and 2, another between SELECT 3 and 4. The third switches between SELECT 1/2 and SELECT 3/4. Because that there are essentially higher decoupling values between the SELECT ports 1/2 to 3/4 as between the SELECT ports 1 and 2 respectively SELECT 3 and 4. This results because the switches are connected in series in the first case and only one switch can be effective in the second case. If very high decoupling values are required, this difference can be used and e.g. only the ports SELECT 1 and 4 are used.

Note: A Headend Controller HCB 100 "Blue" (9650.03 or higher version) or HCB 200 is required to control the RF-Switch RSB x90.



B X90 Part Nº: 9062.0x

Technical data

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		Residual ripple of	
9062.02	1 2150 MHz	supply voltage	-
9062.03	0 2150 MHz		
	F socket	Environmental conditions	
	75 Ω	Temperature range	-
	≤ 1 dB (CATV)	Relative humidity	:
	≤ 1,5 dB (SAT IF)	Method of mounting	\
	≥ 60 dB (SEL 1/ 2 to SEL 3/ 4)	Location of mounting	S
	\geq 40 dB (SEL 1 to SEL 2,		C
	respectivly SEL 3 to SEL 4)	Miscellaneous	
	\geq 15 dB (CATV)	Dimensions (I x w x h)	
	\geq 10 dB (SAT IF)	without 19" - adapter	5
	max. 120 dBµV	with 19" - adapter	Ę
9062.03 only!	60 V/ 100 mA	Weight	1
neters		Delivery content	2
	12 V (± 0.5 V), 100 mA		1
	9062.03 9062.03 only!	9062.03 $\begin{array}{l} 0 \dots 2150 \text{ MHz} \\ \text{F socket} \\ 75 \Omega \\ \leq 1 \text{ dB (CATV)} \\ \leq 1,5 \text{ dB (SAT IF)} \\ \geq 60 \text{ dB (SEL 1/2 to SEL 3/4)} \\ \geq 40 \text{ dB (SEL 1 to SEL 2,} \\ \text{respectivly SEL 3 to SEL 4)} \\ \geq 15 \text{ dB (CATV)} \\ \geq 10 \text{ dB (SAT IF)} \\ \text{max. 120 dB}\mu\text{V} \\ 9062.03 \text{ only!} \end{array}$	9062.021 2150 MHzsupply voltage9062.030 2150 MHzF socketEnvironmental conditions 75Ω Temperature range $\leq 1 dB (CATV)$ Relative humidity $\leq 1,5 dB (SAT IF)$ Method of mounting $\geq 60 dB (SEL 1/ 2 to SEL 3/ 4)$ Location of mounting $\geq 40 dB (SEL 1 to SEL 2, respectivly SEL 3 to SEL 4)$ Dimensions (I x w x h) $\geq 15 dB (CATV)$ Dimensions (I x w x h) $\geq 10 dB (SAT IF)$ without 19" - adapter9062.03 only!60 V/ 100 mADelivery content

4-Way RF-Switch

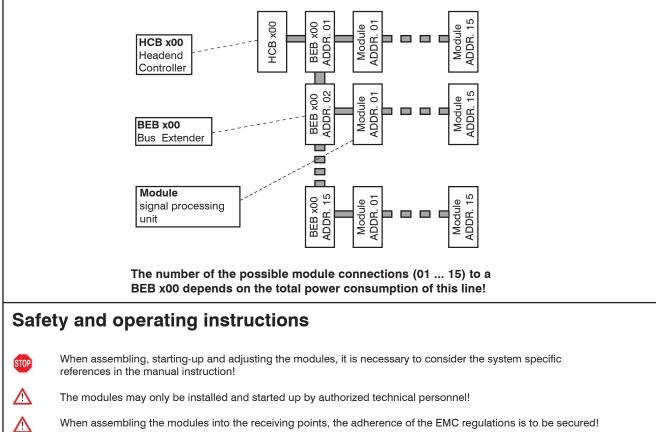
 $\leq 10 \text{ mV}_{pp}$

-10 ... +55 °C ≤ 80 % (non condensing) vertical splash-proof and drip-proof

50 x 276 x 148 mm 50 x 301 x 148 mm 1,100 g

2 x terminating impedance 75 Ω 1 x bus connector 52 mm

Head end bus structure



- \wedge The assembly and wiring have to be done without voltage!
 - All active modules may only be operated with the Headend Controller HCB x00 or Bus Extender BEB x00!
 - The main voltage and the operating voltage of the modules working by DC have to be in complience to the operating parameters described in the technical data.
 - With all work the defaults of the DIN EN 50083 have to be considered! Especially the safetyrelevant execution of the DIN EN 60728-11 is necessary!
- Options and other TV standards available upon request! Subjects to changes due to technical progress.

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