

RSW2-H20-A RETURN PATH INGRESS CONTROL SWITCH



- Adds extra function to the monitoring system
- Automatic ingress management
- Helps to keep OPEX low

GENERAL DESCRIPTION

Auxiliary module for NMT-xxx transponders. The main function of the RSW2 is the 4 state (0 dB, -6 dB, -50 dB resp. HPF) switch in the return path, this is completed with an ingress measurement function. For the allowed ingress level a minor and a major limit can be set for sending minor and major alarms, while a third limit is set for controlling the switch - if the ingress level exceeds this limit, the switch goes into a predefined state. By switching off this function, the device can be used by the same way as the average ingress switches. The new RSW2-H20-A type can contain an additional attenuator stage if needed, so the device provides two functions in a single module.

TECHNICAL SPECIFICATIONS

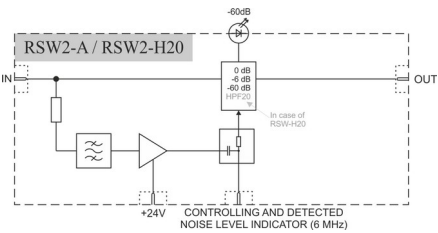
RF parameters

Frequency range [MHz]	5(20)...204	
Insertion loss (ON / -6dB / OFF state) [dB]	1.5±0.2 / 6 / >60	
Return loss (ON / OFF state) [dB]	>20 / >22	

General parameters

Power supply voltage [VDC]	24	
Maximal current consumption [mA]	21	10.5
Operational temperature range [°C]	-40...+60	

BLOCK DIAGRAM



ORDERING INFORMATION

R	S	W	2	-	H	2	0	-	A	X	X
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Attenuation	
00	Additional attenuator with value of 0 dB (no att. - default)
04	Additional attenuator with value of 4 dB

Specifications are subject to change without notice!