



ANTENNA CHANGEOVER UNIT



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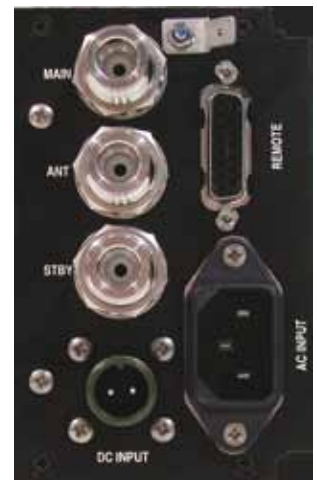
▶ ANTENNA CHANGEOVER UNIT

The antenna change over unit can be used in several applications, either as external main/stby radio switch or a main/stby antenna switch. The unit is 14 TE wide and is mounted in a 19" sub-rack. (can room ex. 6 units).

The change over unit is basically a RF relay with control circuit, interface and internal power supply. The RF relay has three connectors (common, NC (main) and NO (stby)). The unit can be hot wired to the alarm outputs from the radios, or controlled from a remote control unit. For maximum flexibility the input signals are optocouplers that covers a large voltage range. In addition the control logic can be inverted. The unit has several outputs that can be used for monitoring the current status or controlling external units.

SPECIFICATIONS

Logic outputs	Relay, dry contact that closes when active
Logic inputs	Optocoupler, operating voltage: 5v to 48v
Antenna Connectors	Antenna connectors: 3 x 50 Ω, N-connector
RF power handling	VHF: 200 W Carrier (800 W PEP) UHF: 100 W Carrier (400 W PEP)
Operating temperature	-20°C to + 55°C
Storage temperature	-20°C to + 70°C
Operating voltage	230 VAC ± 10% or 115 VAC ± 10% (Automatic switch between 115 and 230)
Power consumption	21.6 –31.2VDC < 10 W
Environmental conditions	Operating temperature: -20°C to + 55°C Humidity: 90% at 40°C non-condensing
Dimension	128 mm/ 3HU (H) x 71 mm/14TE (W) x 230 mm (D)
Weight	1.6 kg



Agent/Distributor:

Jotron AS reserves the right to change the design and/or specifications at any time without prior notice. Reservations are also taken towards any general errors that may occur.

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