

ELMES 1-4 CHANNEL SETS SPECIFICATION

| FEATURE | 1 CHANNEL SETS | | | | | 2 CHANNEL SETS | | | | | 4 CHANNEL SETS | | |
|--|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------------|------------------|------------------|
| | U1MB100HS | U1HS | U1HSD | AN200HS | U1HSL | DWB100HS | U2HS | DWM50HMS | DW200HS | U2HSL | CH4HS | CH4H200S | RP501S |
| CHANNEL MODES | MB | MB (4) | MB (4) | MB | MB (4) | MB | MB (4)(5) | MB | MB | MB (4)(5) | MB | MB | MB |
| NUMBER OF RELAY OUTPUTS | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 4 | 4 | 4 |
| RELAY OUTPUT TYPE | NO/NC | NO/NC | NO/NC | NO/NC | NO/NC | NO/NC | NO/NC | NO/NC | NO/NC | NO/NC | NO | NO | NO |
| LED INDICATION | YES | YES | YES | YES | YES | YES | YES | YES (2) | YES | YES | YES | YES | YES (2) |
| S OUTPUT RATING | 1A/60V | 1A/60V | 1A/60V | 1A/60V | 1A/60V | 1A/60V | 1A/60V | 1A/60V | 1A/60V | 1A/60V | 1A/60V | 1A/60V | 1A/60V |
| MAX OPERATING RANGE (in M) | 100 | 150 | 150 | 200 | 250 | 100 | 150 | 50 | 200 | 250 | 100 | 200 | 500 |
| RADIO BAND (MHz) | 434 | 434 | 434 | 434 | 434 | 434 | 434 | 434 | 434 | 434 | 434 | 434 | 434 |
| RADIO TYPE | STANDARD | SUPERHET | SUPERHET | STANDARD | SUPERHET | STANDARD | SUPERHET | STANDARD | STANDARD | SUPERHET | STANDARD | STANDARD | SUPERHET |
| TAMPER SWITCH | YES | YES | YES | YES | YES | YES | YES | - | YES | YES | YES | YES | YES |
| SUPPLIED KEYFOBS IN A SET | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 |
| NUMBER OF CHANNELS IN THE KEYFOB/TRANSMITTER | 1 | 1 | 2 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 4 | 4 | 4 |
| RECEIVER'S MEMORY | 12 (112) | 112 | 112 | 12 (112) | 112 | 12 (104) | 104 | 12 (6) | 12 (104) | 104 | 40 (6) | 40 (6) | 60 |
| BATTERY IN KEYFOB | 12V | 12V | 12V | 9V | 9V | 12V | 12V | 3V | 9V | 9V | 12V | 9V | (3), (7) |
| RECEIVER'S POWER SUPPLY | 12V (1) | 12V | 12V | 12V (1) | 12V | 12V (1) | 12V | 12V (7) | 12V (1) | 12V | 12V | 12V | 12V (7) |
| RECEIVER'S CURRENT (STANDBY & ALL RELAYS ON) | 20..40mA 1A, | 20..40mA 1A, | 20..40mA 1A, | 20..40mA 1A, | 20..40mA 1A, | 20..60mA 1A, | 20..60mA 1A, | 20..60mA 1A, | 20..60mA 1A, | 20..60mA 1A, | 20..100mA 1A, | 20..100mA 1A, | 20..100mA 1A, |
| RELAY OUTPUTS RATING | 125VAC/30VDC | 125VAC/30VDC | 125VAC/30VDC | 125VAC/30VDC | 125VAC/30VDC | 125VAC/30VDC | 125VAC/30VDC | 125VAC/30VDC | 125VAC/30VDC | 125VAC/30VDC | 125VAC/30VDC | 125VAC/30VDC | 125VAC/30VDC |
| OUTPUTS GALVANIC SEPARATED | YES | YES | YES | YES | YES | YES | YES | YES | YES | YES | YES | YES | YES |
| DIMENSION OF RECEIVER H/W/L in mm | 28/63/96 | 24/46/73 | 24/46/73 | 28/63/96 | 24/46/73 | 28/63/96 | 24/46/73 | 18/31/57 | 28/63/96 | 24/46/73 | 28/63/96 | 28/63/96 | 28/63/96 |
| OPERATING TEMPERATURE RANGE in °C | 0 to + 40° | -20 to + 55° | -20 to + 55° | 0 to + 40° | -20 to + 55° | 0 to + 40° | -20 to + 55° | 0 to + 40° | 0 to + 40° | -20 to + 55° | 0 to + 40° | 0 to + 40° | -20 to + 40° |

SYMBOLS USED IN THE CHARTS:

MB - mono and bistable mode available

NO/NC - each relay output includes 3 wiring terminals: NO, NC, COMMON CONNECTION

NCO - each relay output includes 2 wiring terminals: NO/NC mode selected by jumper, COMMON CONNECTION

12V - allowed power supply range 10 to 14,5 VDC

(1) - optional power supply 10-35VDC or 12-27VAC with supeheterodyne receiver only

(2) - LED indication for 1 channel only

(3) - the transmitter's allowed power supply 9V battery or 12VDC mains power supply

(4) - Pressing transmitter button 1 sets output on. Pressing button 2 sets output off. This mode requires use of hand transmitter with two or more buttons.

(5) - winch control software

(6) - 112 memory available upon order

(7) - optional power supply 24VDC upon order only

(104) - available extended memory to 104 with supeheterodyne receiver only

