

digital data transmission kit



Gallery



The Autec Digital Data Transmission Kit (KTC) is a radio system consisting of a transmission unit and a reception unit that substitutes the traditional connection with electric cables. It allows to send up to 20 on/off signals (plus Start and Stop), including 10 simultaneous, within a working range of 200 m.

Power supply 9-30 Vac/Vdc, dedicated antenna. DIN rail mounted to fit the machine's electrical panel. Protection degree IP20.

Transmission unit KTC

DIMENSIONS | WEIGHT
160X110X75 mm | max. 400 g



Reception unit KTC

DIMENSIONS | WEIGHT
160X110X75 mm | max. 500 g



Technical data



General	
Operating frequency (433 MHz)	433.075-433.775 MHz
Operating frequency (870 MHz)	869.7-870 MHz
Operating frequency (915 MHz)	902-928 MHz
Available radio channels (433 MHz)	16 automatic scan/ 32 manual scan
Available radio channels (870 MHz)	12 automatic scan/ 12 manual scan
Available radio channels (915 MHz)	16 automatic scan/ 32 manual scan
Safety category for the Stop commands (if appropriately interfaced)	category 3 EN 954-1
Operating range	200 m
Operating temperature	(-20°C) - (+70°C)
Protection degree	IP20
Hamming distance	≥ 8
Number of commands	14 / 20 (with extension module)
Simultaneous commands	10
Fixing system	omega guide hook (DIN EN 50 022)
Antennas	external with 2 m cable
Transmission unit	
Power supply	9-30 Vac/dc 3W
Reception unit	
Power supply	10-30 Vac/dc 7W
Stop contact rating in AC1	4A
Command contact rating in AC1	4A

Products comply with the R&TTE Directive (99/05/EC), the LVD Directive (2006/95/EC) and the Machinery Directive (98/37/EEC), as applicable



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Design, manufacture and service of remote control systems for safety industrial application

