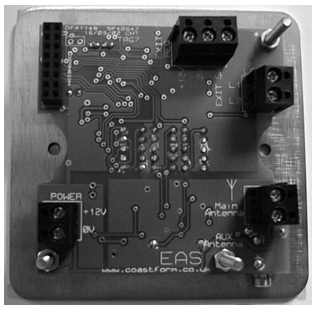
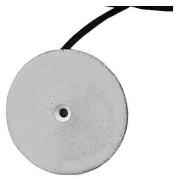
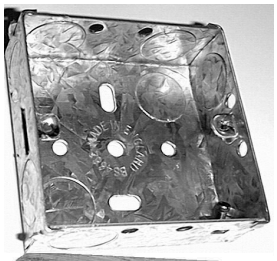
EAS999 PARTS LIST



EAS999 PCB mounted on brushed stainless faceplate

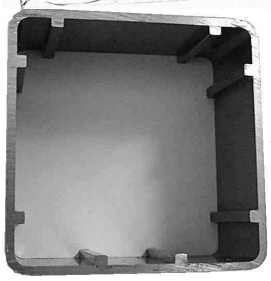
Reader





Mounting box

Reader cover, self-adhesive



Brushed aluminium surface case

Master

Everyday TinyTags

EAS999 SPECIFICATIONS

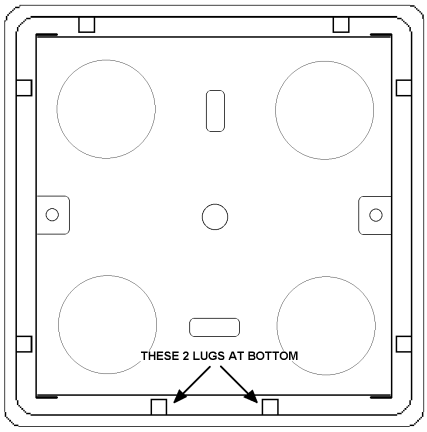
Operating Voltage (Max)	12V DC (10.5V to 14V)	**Request to exit / EXIT SWITCH connector**	
Current consumption	100mA	**Terminal: "+VDC Out", "+"**	Connected directly to the power supply positive rail
Output current drive	(Tag 6, 7) : 1A (source, from the power supply positive rail) (Tag 8) : 2A (sink to gnd)	**Terminal: "Req EXIT", "N/O"**	Input from egress button, operates with short-to-gnd, N/C, N/O CAUTION: Input range: 0V to +5V MAX.
Reader cable	Do not exceed 3m length	**Reader frequency**	125KHz
Reader mounting	Do not mount directly onto metal. Do not mount any 2 readers within 60cm of each other	**Reader range**	60mm max.

Connection to other systems

The EAS999 can be used as an authorisation mechanism for other systems. Tag6 and Tag7 boards can source 1A from the terminal marked "Lock". Tag8 boards are capable of directly sinking 2A at the terminal marked "L-" on the "Lock" connector; this terminal can withstand backfed voltages from other systems of 30V. The terminal marked "L+" on Tag8 boards is connected directly to the power supply positive rail. This makes the Tag8 boards capable of driving many other systems, including some which normally require a voltage free contact to short the input to gnd to operate.

EAS999 CONNECTIONS

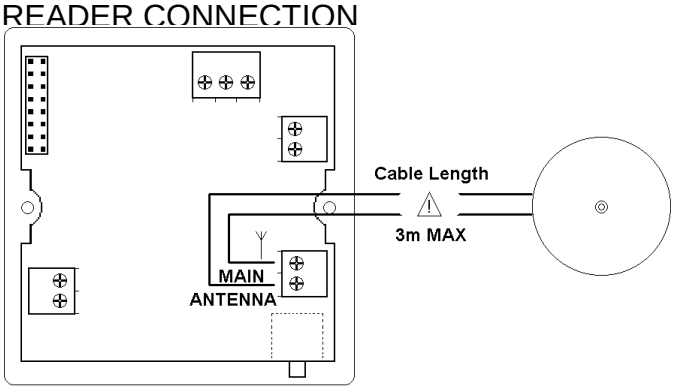
DO NOT OVERTIGHTEN CONNECTIONS TO EAS999 !



Fix the mounting box and surface case, and install all wiring.

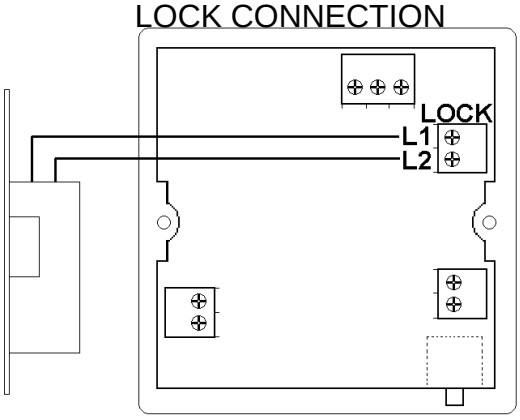
Note position of 2 closely spaced lugs at bottom of surface case

READER CONNECTION

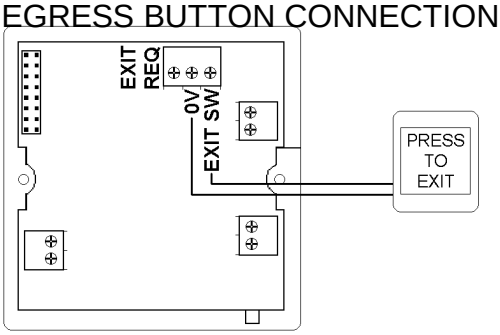


Do not mount reader directly on metal

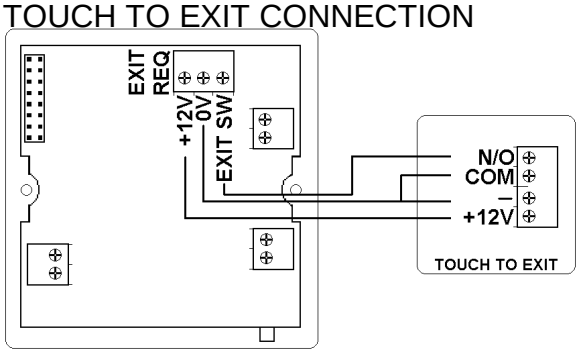
LOCK CONNECTION



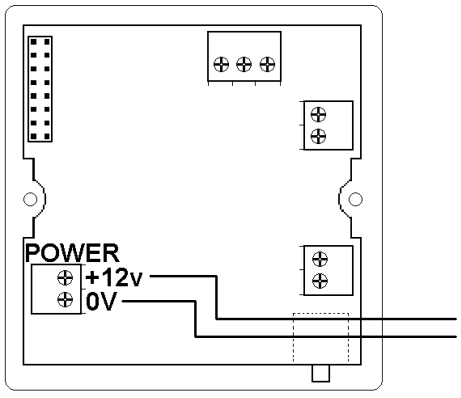
EGRESS BUTTON CONNECTION



TOUCH TO EXIT CONNECTION



POWER CONNECTION



12V DC supply from plug-top PSU, CSPS12VSS PSU, or CSPS12VBB PSU with battery backup.

EAS999 will not operate if polarity is reversed !

Do NOT present TinyTags without reading the programming sheet