Using ACW02M Converter (Wiegand)

Overview

ACW02M enable connected Wiegand interface reader to communicate with ACU controller via RS485.

It extends the distance where a Wiegand interface reader can be installed from 150metres to 1200metres. And it reduce Noise induce errors.
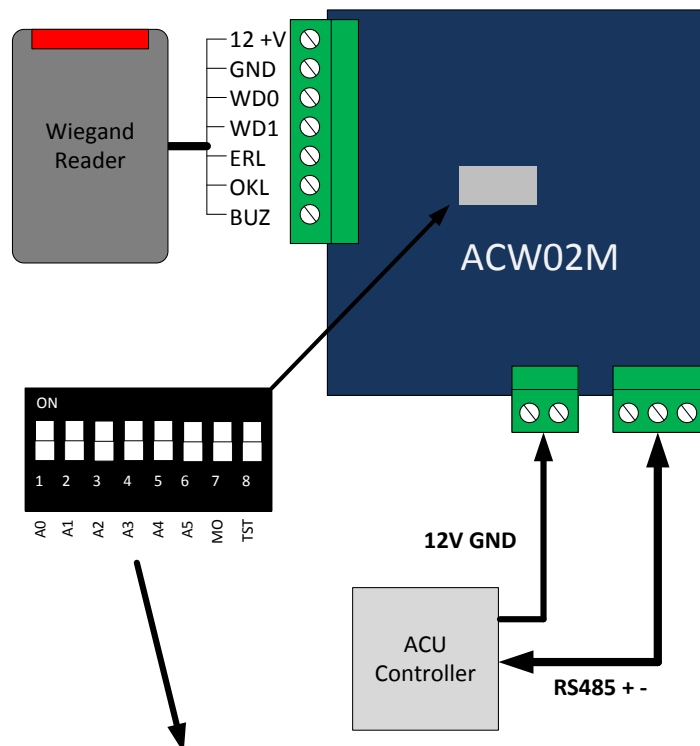

Figure 1. Access Group Browse

	Address 80-8F				Receive Mode		RS485	TEST
No	1	2	3	4	5	6	7	8
80	0	0	0	0	Don't Care	Off – Wiegand receive		
..	..	..	..	..	On Without Control	On – Bar Code receive	On : 4 Byte Off: 8 Byte	On: Chk Off: RUN
8f	1	1	1	1	Off One day control			

Supported Wiegand Mode Card Format	26bit, 32 bit, 37 bit, 40 bit, 56bit, 58bit, 64bit, 80 bit
Wiegand Keypad Data Out	individual key presses transmitted in standard data format (4-bit BCD)