VLCU

Automatic Lighting Control Vehicle Services Ltd Vehicle Safety & Security Products



Switch Settings

Version 1-Jan.20

The below settings were agreed between the customer and Forman Vehicle Services to be applied to the rotary switches of the VLCU.

These settings were derived from testing during daylight to twilight periods, with the light sensor mounted at the top of the windscreen, directed forwards.

The default values quoted below are the customer/Forman recommended settings for the customer application as tested.

Exterior Lighting Circuit

Sw1 - Daylight to Twilight 'headlight on' threshold			Sw2 - Twilight to Daylight 'headlight off' threshold		
Setting	Lights on below X lux (EON)	Filter (seconds)	Setting	Lights off above X lux (EOFF)	Filter (seconds)
1	200	2	1	EON + 800	5
2	300	2	2	EON + 1000	5
3	400	2	3	EON + 1500	5
4	500	2	4	EON + 2000	5
5	600	2	5	EON + 800	10
6	700	2	6	EON + 1000	10
7	800	2	7	EON + 1500	10
8	900	2	8	EON + 2000	10
9	1000	2			

Exterior Lighting Circuit Defaults

Sw1 = on below 500 lux after 2 seconds

Sw2 = off above 2000 lux after 5 seconds

Interior Lighting Circuit

Sw3 - Daylight to Twilight 'Saloon lights on' threshold			Sw4 - Twilight to Daylight 'Saloon lights off' threshold		
Setting	Lights on below X lux (ION)	Filter (seconds)	Setting	Lights off above X lux (IOFF)	Filter (seconds)
1	IOFF - 50	4	1	250	4
2	IOFF- 100	4	2	300	4
3	IOFF - 150	4	3	350	4
4	IOFF - 200	4	4	400	4
5	IOFF - 50	30	5	450	4
6	IOFF - 100	30	6	500	4
7	IOFF - 150	30	7	550	4
8	IOFF - 200	30	8	600	4

650