

Base Module ELCO-56 pin assignment

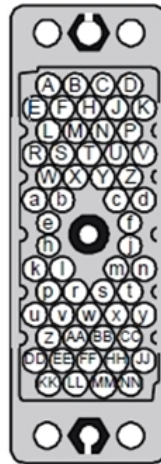
Pin-out legend

Signal name	Type of feature	Reference
CAN1_LOW/HI, CAN2_LOW/HI, LSCAN_LOW/HI, SJ1850_LOW/PJ1850_HI, KLINE_LOW/HI, CAN+12, CAN+12V	ECU Serial lines	ECU Serial Interface
PWR_SW1/SW2, RAIL_PWRGD, RST_SW_A1/A2, /RST, 3V3	Power monitoring lines	Power Monitoring and Control
RAIL_EN_INP0:3	Rail Enable pins	Rail Control
ID_HRNS0:15	Harness ID pins	Harness identification
ID_CBL0:4, ID_CBL (GND)	Cable ID pins	Cable Identification
Spare	Used for debugging purposes	
Not connected	Unused	

Base Module pin-out

Elco Eq. # (female)	Elco Pin name (female)	Signal Name	Input Line	Output Line
1	A	Spare		
2	B	CAN1_LOW	x	
3	C	CAN1_HI	x	
4	D	3V3		x
5	E	CAN2_LOW	x	
6	F	Spare		
7	H	Spare		
8	J	CAN2_HI	x	
9	K	Spare		
10	L	PWR_SW1		x
11	M	LSCAN_HI	x	
12	N	Spare		
13	P	Spare		
14	R	SJ1850_LOW	x	
15	S	RAIL_PWRGD		x
16	T	RST_SW_A2		x
17	U	PJ1850_HI	x	
18	V	PWR_SW2		x
19	W	Spare		
20	X	KLINE_HI	x	
21	Y	/RST		x
22	Z	RST_SW_A1		x
23	a	Not connected		
24	b	Rev 1 : Not connected Rev2 : RAIL_EN_INP3	x	
25	c	CAN+12	x	
26	d	Not connected		
27	e	Rev1 : Not connected Rev2 : RAIL_EN_INP2	x	
28	f	CAN+12V	x	

Female ELCO Connector 56 pins



Elco Eq. # (female)	Elco Pin name (female)	Signal Name	Input Line	Output Line
29	h	LSCAN_LOW	x	
30	j	Not connected		
31	k	RAIL_EN_INP0	x	
32	l	KLINE_LOW	x	
33	m	Not connected		
34	n	Rev 1 : Not connected Rev2 : RAIL_EN_INP1	x	
35	p	ID_HRNS3	x	
36	r	ID_HRNS2	x	
37	s	ID_HRNS1	x	
38	t	ID_HRNS0	x	
39	u	ID_HRNS8	x	
40	v	ID_HRNS7	x	
41	w	ID_HRNS6	x	
42	x	ID_HRNS5	x	
43	y	ID_HRNS4	x	
44	z	ID_HRNS12	x	
45	AA	ID_HRNS11	x	
46	BB	ID_HRNS10	x	
47	CC	ID_HRNS9	x	
48	DD	ID_CBL0	x	
49	EE	ID_CBL (GND)	x	
50	FF	ID_HRNS15	x	
51	HH	ID_HRNS14	x	
52	JJ	ID_HRNS13	x	
53	KK	ID_CBL4	x	
54	LL	ID_CBL3	x	
55	MM	ID_CBL2	x	
56	NN	ID_CBL1	x	