

CLFD Box

CAN, LIN, FlexRay, DIO interface module for ARCOS 1.5 and ARCOS 2

- Quickstart, No Message Lost (NML), Wake on CAN/LIN/FlexRay
- CLFD box can be cascaded
- 16 CAN high speed inputs
- 8 LIN inputs
- 2 FlexRay inputs
- 2/2 digital inputs / digital outputs



CAN Interface	
CAN HS (ISO 11898-2)	16
Input sockets	15 x CAN on SUB-D (44-pol) 1 x CAN on SUB-D (9-pol)
Galvanically isolated	No
Wake on CAN (WoC)	Yes (boot time 320 ms)
No Message Lost (NML)	Yes
Status-LED	16 Rx/Tx for CAN interfaces / 1 x ETH link
Power consumption, WoC+NML	1.5 W (8 CAN inputs)
Power consumption, WoC	0.1 W
LIN interface	
LIN (1.3 & 2.0)	8
LIN inputs	8
Input sockets	8 x LIN on SUB-D (15-pol)
Galvanic isolated	No
Wake on LIN (WoL)	Yes
No Message Lost (NML)	Yes
Quickstart	Yes
Status LED	8 Rx/Tx for LIN interfaces / 1 x ETH link
Power consumption, WoL	0.1 W
DIO interface	
Digital I/O	2/2
Input sockets	2 x in / 2 x out SUB-D (9-pole)
Galvanic isolated	Output: yes / Input: no
Quickstart	Yes

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Status LED	4 In/Out
Switching capacity digital-output	600 mA
Analog interface	
Galvanic isolated	No
Device	
Voltage supply	6 ... 50 VDC 8 ... 27 VDC (for LIN measurement)
Supply voltage thresholds	Switch-on 6 ±0.3 VDC / Switch-off 6 ±0.3 VDC
Power consumption, typical	9.0 W
Power consumption, standby	0.1 W
Working temperature range	-40 ... 85 °C (-40 ... 185 °F)
Storage temperature range	-45 ... 90 °C (-49 ... 194 °F)
IP-Code	IP 40 (ISO 20653 - 2013)
Relative humidity	5 ... 95 %
Dimensions	W184 mm x H53 mm x D140 mm (7.24 in x 2.09 in x 5.51 in)
Weight	1450 g (3.86 lb)
Configuration interface	Ethernet (100 Mbit)
Data transfer rate	100 Mbit
Configuration software	IPEmotion IPEmotionRT
Test standards	AK-LV 01
Input sockets	15 x CAN on SUB-D (44-pol) 1 x CAN on SUB-D (9-pol)
FlexRay interface	
FlexRay	2
Input sockets	2 x FlexRay on 2 x SUB-D (9-pole)
Galvanic isolated	Yes
Wake on FlexRay (WoFR)	Yes
Power consumption, WoFR	0.6 W
Status LED	Yes
Status LED	4 Rx/Tx for FlexRay interfaces / 1 x ETH link
Accessories	
System cable	620-574 LOG-PR05 cable banana

Input cable

620-699 CLFD-Box V1.2 CAN1-15 cable 15xSubD9/P