

CLFD Box

CAN, LIN, FlexRay, DIO interface module for ARCOS 1.5 logger

- Quickstart, No Message Lost (NML), Wake on CAN/LIN/FlexRay
- CLFD box can be cascaded (on ARCOS 1.5 data logger)
- 16 CAN high speed inputs
- 8 LIN inputs
- 2 FlexRay inputs
- 2/2 digital inputs / digital outputs



Device	
Voltage supply	6 ... 50 VDC
Voltage supply	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
Data transfer rate	100 Mbit Ethernet (IEEE 802.3)
Test standards	AK-LV 01
CAN interface	
CAN HS (ISO 11898-2)	16
Input sockets	15 x CAN on SUB-D (44-pol)
Input sockets	1 x CAN on SUB-D (9-pol)
Galvanic 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	
Input sockets	8 x LIN on SUB-D (15-pol)

Galvanic isolated	No
Wake on LIN (WoL)	Yes
Quickstart	Yes
Status LED	8 Rx/Tx for LIN interfaces / 1 x ETH link
Power consumption, WoL	0.1 W
FlexRay interface	
Input sockets	2 x FlexRay on 2 x SUB-D (9-pole)
Galvanic isolated	Yes
Wake on FlexRay (WoFR)	Yes
Quickstart	Yes
Status LED	4 Rx/Tx for FlexRay interfaces / 1 x ETH link
Power consumption, WoFR	0.6 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
Status LED	4 In/Out
Switching capacity digital-output	600 mA
Accessories	
System cable	620-574.pdf
Input cable	620-699.pdf
Order code	
Code	110444 (Model CLFD V1.1)
Code	111118 (Model CLFD V1.2)