



CONTROL UNITS VEHICLE INTERFACE



LIGHT CONTROL UNIT FOR TRAILERS AND LIGHT TRANSPORT VEHICLES



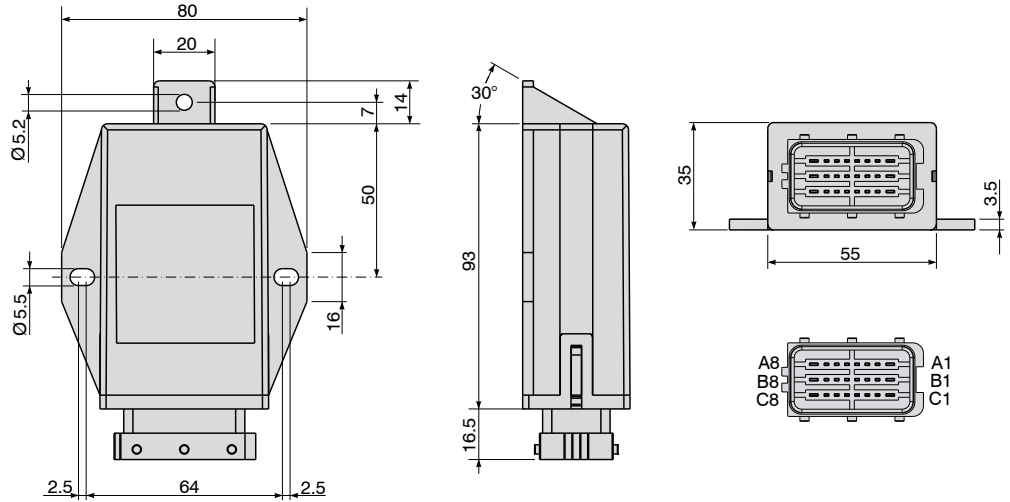
Esempi di alcuni allestimenti
Examples of some arrangements

Centralina di
controllo luci
*Light
control unit*



TRAILER LIGHTING CONTROL UNIT

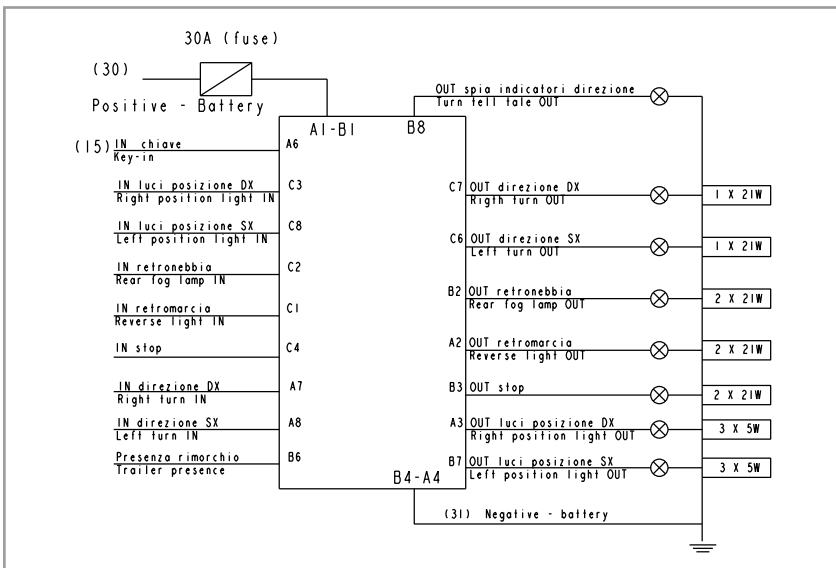
IVECO VEHICLES



P/N	Q.ta Q.ty
1030672 34-0115-0000	1

SPECIFICHE TECNICHE - Technical data	
TENSIONE NOMINALE Rated voltage	13,5V
LIMITI DI FUNZIONAMENTO Operating voltage	9 + 16V
INVERSIONE DI POLARITÀ Reverse polarity	PROTECTED (with external 3A fuse)
LOAD DUMP Load dump	PROTECTED (5 pulse once a minute)
ASSORBIMENTO CORRENTE IN STAND-BY Stand-by current	100 µA max
TEMPERATURA DI FUNZIONAMENTO Operating temperature	-30°C + 80°C
TEMPERATURA DI STOCCAGGIO Storage temperature	-40°C + 90°C
GRADO DI PROTEZIONE Sealing degree	IP66

Schema di Collegamento - Circuit Diagram

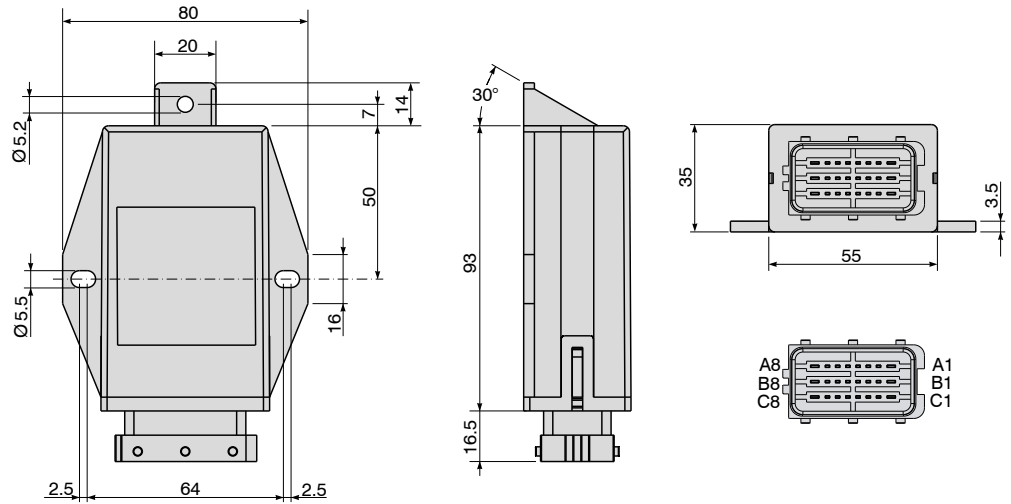


OPTIONAL KIT
 Connettore controparte / Mating connector:
FRAMATONE SICMA-2 24 pins
 (Includes: connector, rubber taps, slider,
 female terminals)

P/N	Q.ta Q.ty
1034736 46-12-010610	1

TRAILER FUNCTION REPEAT CONTROL UNIT

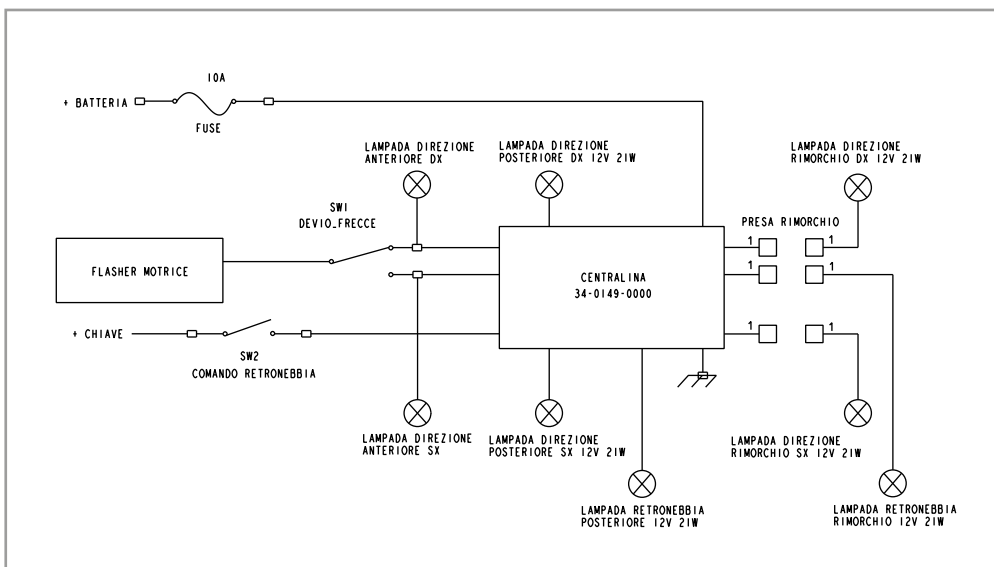
NISSAN VEHICLES



P/N	Q.ta Q.ty
1086566	1
1030714	50
34-0149-0000	

SPECIFICHE TECNICHE - Technical data	
TENSIONE NOMINALE Rated voltage	13,5V
LIMITI DI FUNZIONAMENTO Operating voltage	9 + 16V
INVERSIONE DI POLARITÀ Reverse polarity	PROTECTED
SOVRATENSIONE Overvoltage	PROTECTED
CONFORMITÀ ALLE NORMATIVE Regulatory compliance	ISO 7637 EMC 95/54/CEE
TEMPERATURA DI FUNZIONAMENTO Operating temperature	-30°C + 60°C
TEMPERATURA DI STOCCAGGIO Storage temperature	-40°C + 85°C
GRADO DI PROTEZIONE Sealing degree	IP66

Schema di Collegamento - Circuit Diagram



OPTIONAL KIT
Connettore controparte / Mating connector:
FRAMATONE SICMA-2 24 pins
(Includes: connector, rubber taps, slider, female terminals)

P/N	Q.ta Q.ty
1034736	1
46-12-010610	

VEHICLE INTERFACE CONTROL UNIT

Chassis interface control unit

La centralina COBO è un dispositivo bidirezionale di interconnessione che consente agli allestitori degli autotelai di interagire con le centraline native presenti nella cabina del veicolo.

Il fabbricante del veicolo predispone dei connettori di interfaccia ai quali l'allestitore deve collegarsi in modo da interfacciare le centraline (native) veicolo con le centraline dell'allestimento.

L'allestimento interagisce con il veicolo esclusivamente tramite queste connessioni, quando non è consentito inserirsi sulla linea CAN del veicolo.

La centralina COBO consente, invece, di ricevere tramite linea CAN i comandi e segnali che giungono da tutti i dispositivi installati dall'allestitore, trasformando questi input in una serie di segnali on/off.

Le centraline native a loro volta eseguono il comando ricevuto (avviamento/arresto motore, variazione assetto sospensioni, etc) restituendo in seguito segnali corrispondenti allo stato di alcune funzioni (freno di parcheggio inserito, luci di emergenza accese, etc).

The COBO's control unit is a bidirectional interconnection device which allows the chassis equipment to interact with the native control units present in the vehicle cab.

The truck manufacturer prepares the interface connectors on the vehicle which the bodybuilder has to connect for the interaction between vehicle electronic control units and electronic devices of the bodybuilder equipment.

The equipment of the bodybuilder interacts with the vehicle exclusively via these connections, when a CAN bus interaction with the vehicle ECU is not allowed.

On the other hand, the COBO's control unit allows you to receive via CAN line the commands and signals that arrive from all the devices installed by the bodybuilder, transforming these inputs into a series of on/off signals.

The native control units in turn execute the command received (engine start/stop, suspension set-up variation, etc.) subsequently returning signals corresponding to the status of some functions (parking brake engaged, emergency lights on, etc.).

Esempi di alcuni allestimenti Examples of some arrangements

Centralina interfaccia autotelaio
Chassis interface control unit

Autotelaio
Chassis



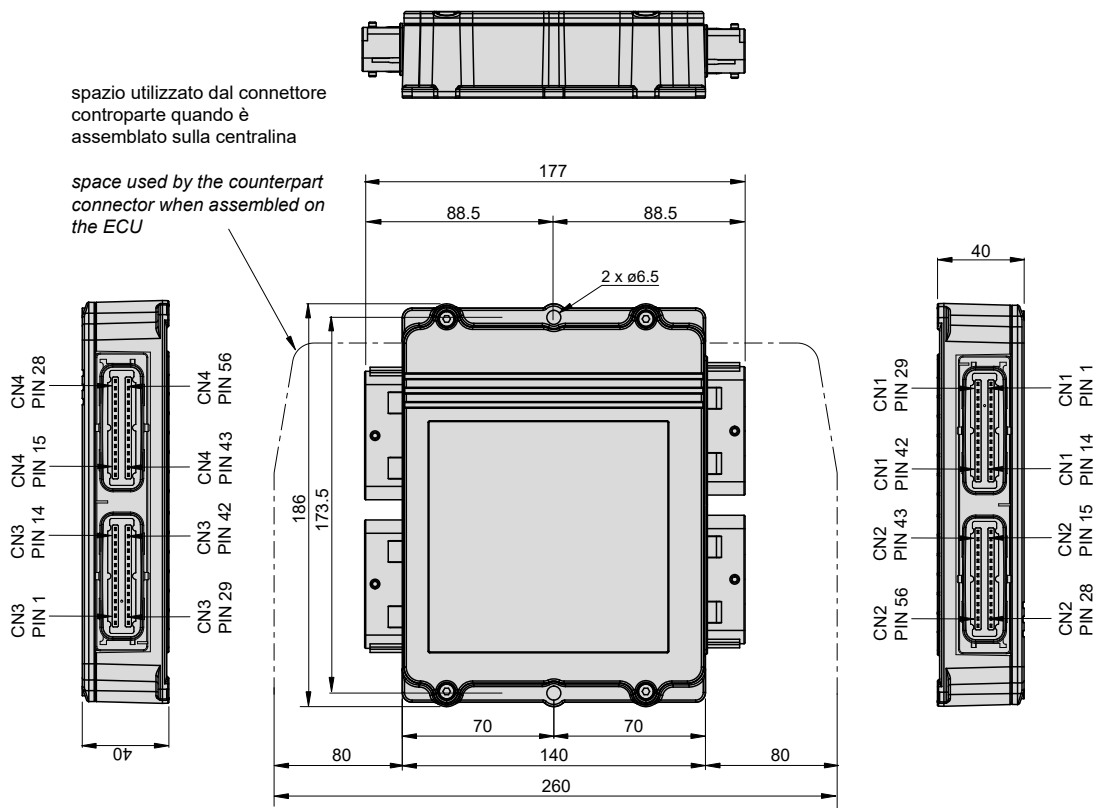
CAN CAN bus connectivity

2 x 56 ways connectors

Powerful and compact

Designed & produced by COBO

Compatible for different trucks manufacturers



P/N	Q.ta Q.ty	Tensione batteria Battery voltage	Tensione minima di lavoro (logica) Minimum voltage working (logic)	Tensione minima di lavoro (relay) Minimum voltage working (relay)	Tensione massima di lavoro (relay) Maximum voltage working (relay)	Tensione massima Maximum voltage	Protezione inversione polarità Protection polarity reversal
1100170 34-0234-0000	1	12V	9V	9V	18V	24V	18V
1093692 34-0224-0000	1	24V	9V	17V	32V	32V	32V



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