

## C-DIAS Module carrier

## CMB 022/042/082

### General

Each module carrier consists of an aluminum carrier profile for mechanically connecting the modules and a bus board for the electrical connection. The bus board is located on the rear of the module carrier and consists of bus lines over which data is exchanged (periphery bus).

To mount, the modules are hooked on to the bottom of the carrier and simply snapped at the top.

The slots are, starting with the directly next to the control module (CIC) or central unit (CCP, CCL, C-IPC), are number in ascending order from left to right.

Depending on the capacity or configuration a control should have, the user can choose from different module carriers with varying numbers of slots for PLC modules.

## Technical Data

	<b>CMB 022</b>	<b>CMB 042</b>	<b>CMB 082</b>
Article number	12-002-022	12-002-042	12-002-082
System slot	CIC / CCP / CCL / C-IPC <sup>1)</sup>	CIC / CCP / CCL / C-IPC <sup>1)</sup>	CIC / CCP / CCL / C-IPC <sup>1)</sup>
User slots	2	4	8
Dimensions (mm)			
Width	75	125	225
Height	149,5	149,5	149,5
Max. depth	17	17	17
Max. depth with modules	125	125	125
Horizontal distance between the mounting holes	55	85	125
Vertical distance between the mounting holes	140	140	140
Material	AlMg 2 mm		
Finish	None (blank)		
Earth Connection	Over mounting screws		
Storage temperature	-20 to +85 °C		
Operating temperature	0 to +60 °C		
Humidity	0 to 95 %, uncondensed		
EMV stability	According to EN 61000-6-2 (industrial area)		
Shock resistance	EN 60068-2-27	150 m/s <sup>2</sup>	
Protection	EN 60529	IP 20	
Standardization	UL (E247993)		

<sup>1)</sup> CIC ..... module  
 CCP..... central unit  
 CCL ..... processor module  
 C-IPC ... C-DIAS Industry-PC

### Caution:

**The 32 MHz clock signal (CLK) for the individual modules is no longer available with the carrier. For modules that require this clock signal, the function is no longer provided**

**Attention:**

**Le signal d'horloge 32 MHz (CLK) pour les modules individuels, n'est plus disponible dans le fond de panier. Pour les modules qui nécessitent ce signal d'horloge, la fonction n'est plus disponible**

**The following components require the CLK:**

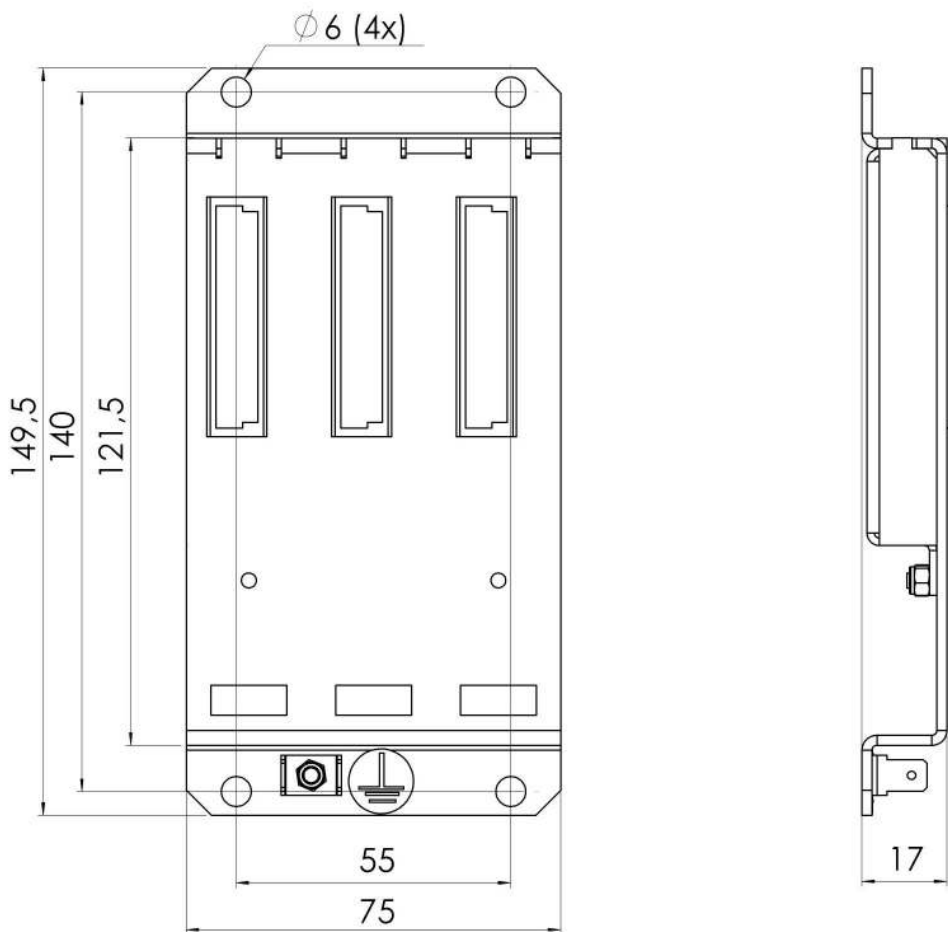
<b>Article number</b>	<b>Description</b>
12-005-021	CME 021
12-005-221	CME 221
12-011-115	CNC 115
12-011-305	CNC 305
12-012-021	CSI 021
12-012-021-K	CSI 021-K
12-012-022	CSI 022
12-012-023	CSI 023
12-012-025	CSI 025
12-025-021	CCA 021
12-025-021-T	TCCA 021
12-740-011	CGPS 011
12-006-162	CDI 162

**The modules listed above with a hardware version higher than 2.0 no longer require a CLK signal. They can be used with this module carrier.**

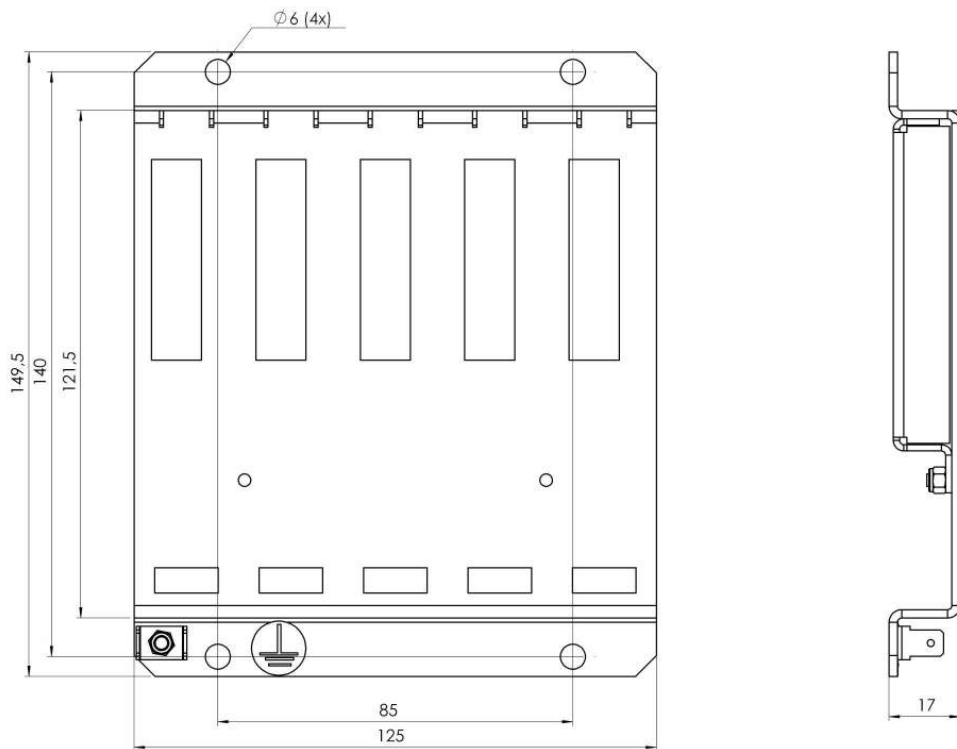
**Les modules énumérés ci-dessus avec une version hardware supérieure à 2.0 ne nécessitent plus de signal CLK. Ils peuvent être utilisés avec ce fond de panier.**

## Dimensions

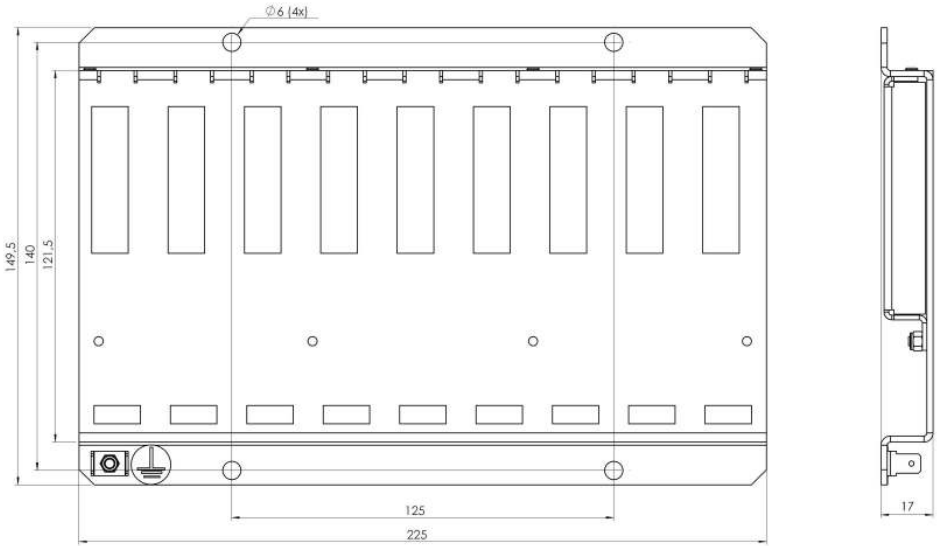
### CMB 022



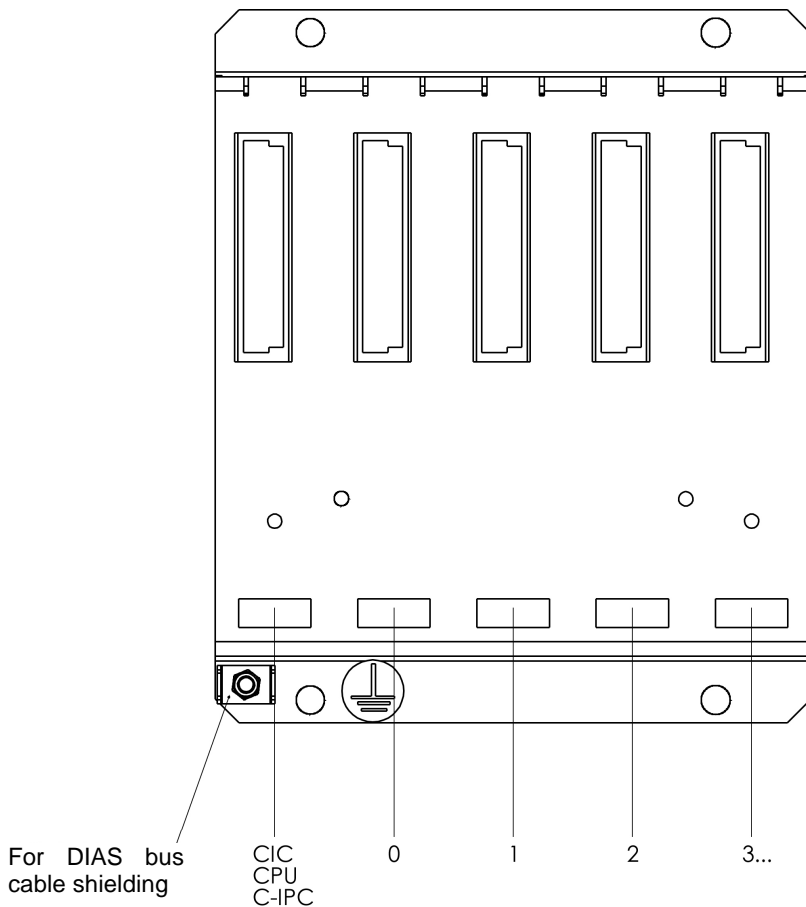
**CMB 042**



**CMB 082**



# Assignment



## Mounting

The module carrier must be electrically connected to Earth (mass)!