

# ACKSYS

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COMMUNICATION ET SYSTEMES

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**MI-BdC, RKMI-BdC, RKMI & RDMI**

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**ADAPTATEUR INDUSTRIEL  
RS232/BOUCLE DE COURANT 20 MA**

DOCUMENTATION TECHNIQUE

## **SOMMAIRE**

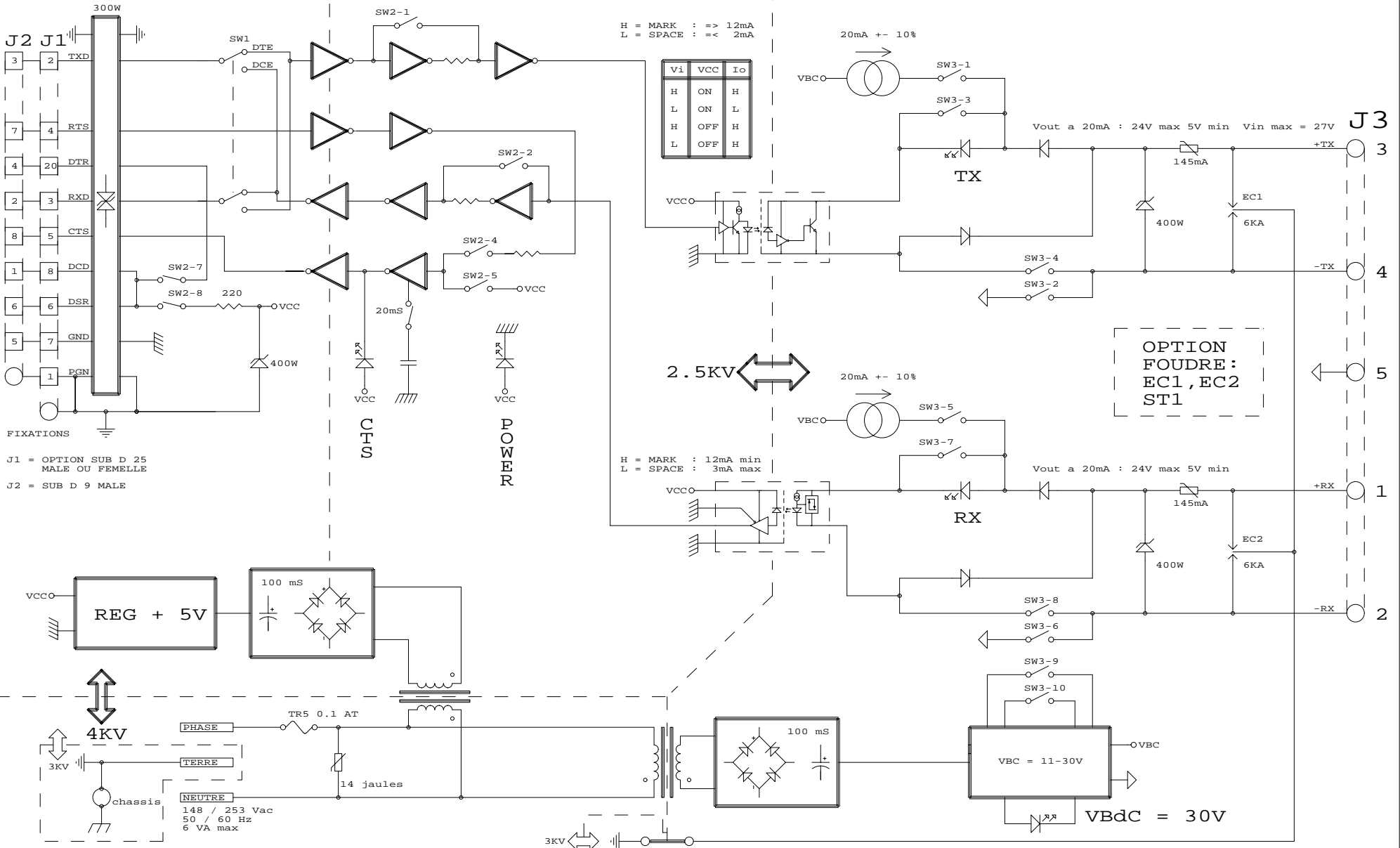
- *Synoptique*
- *Configurations SW1, SW2, SW3*
- *Identifications connecteurs & interrupteurs*
- *Description du boîtier*
- *Fixation du boîtier et du PVC*
- *Assemblage du boîtier*

Cette page a été laissée volontairement blanche.

RS232D 56 Kbits/s

TTL

BdC 20mA



H = MARK :  $\Rightarrow$  12mA  
L = SPACE :  $\Rightarrow$  2mA

V <sub>i</sub>	V <sub>CC</sub>	I <sub>o</sub>
H	ON	H
L	ON	L
H	OFF	H
L	OFF	H

H = MARK : 12mA min  
L = SPACE : 3mA max

OPTION  
FOUDRE :  
EC1, EC2  
ST1

FIXATIONS  
J1 = OPTION SUB D 25  
MALE OU FEMELLE  
J2 = SUB D 9 MALE

4kV  
3kV  
chassis  
NEUTRE  
148 / 253 Vac  
50 / 60 Hz  
6 VA max

MIBDC - RKMIBDC

ACKSYS POISSY 33) 1) 39 11 62 81		
----- " MIBdC - RKMIBdC " -----		
SYNOPTIQUE		
Title		
ADAPTEUR RS232D\BdC 20mA		
Size	Document Number	REV
B	MIBDC_1.MAN	A
Date:	November 8, 1994	Sheet of

# MIBdC - RKMIBdC

## CONFIGURATIONS DES SWITCHS SW1, SW2, SW3

### RS232

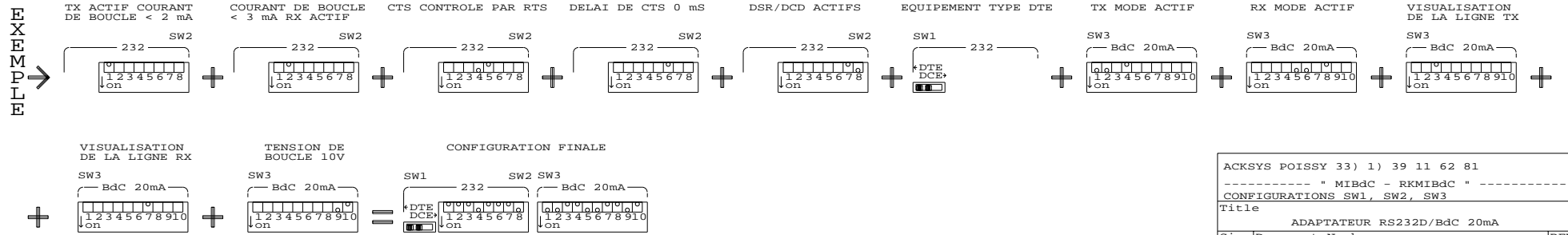
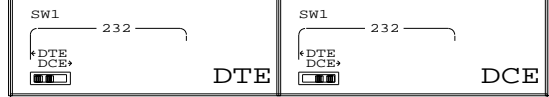
	CONTROLE DE L'ETAT DE TX TX ACTIF = ESPACE COURANT DE BOUCLE < 2 mA
	CONTROLE DE L'ETAT DE TX TX ACTIF = SIGNAL COURANT DE BOUCLE MAX
	CONTROLE DE L'ETAT DE RX COURANT DE BOUCLE < 3 mA (ESPACE) = RX ACTIF
	CONTROLE DE L'ETAT DE RX COURANT DE BOUCLE > 12 mA (SIGNAL) = RX ACTIF
	N.C.
	CTS CONTROLE PAR RTS
	CTS ACTIF EN PERMANENCE
	DELAI DE CTS 20 mS
	DELAI DE CTS 0 mS
	DSR/DCD CONTROLES PAR DTR
	DSR/DCD ACTIFS EN PERMANENCE
	DSR/DCD INACTIFS

### INTERFACE BdC 20mA

	TX MODE ACTIF
	TX MODE PASSIF
	VISUALISATION DE L' ETAT DE LA LIGNE TX
	PAS DE VISUALISATION DE L' ETAT DE LA LIGNE TX
	RX MODE ACTIF
	RX MODE PASSIF
	VISUALISATION DE L' ETAT DE LA LIGNE RX
	PAS DE VISUALISATION DE L' ETAT DE LA LIGNE RX
	TENSION DE BOUCLE 24V
	TENSION DE BOUCLE 12V
	TENSION DE BOUCLE 7.5V

### RS232

SELECTION DU TYPE D' EQUIPEMENT  
A INTERFACER ( DTE ou DCE )

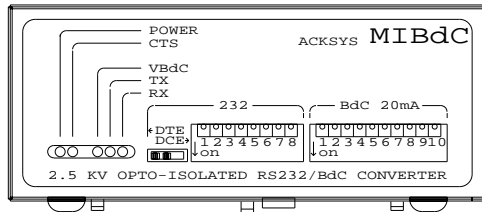


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----- " MIBdC - RKMIBdC " -----		
CONFIGURATIONS SW1, SW2, SW3		
Title		
ADAPTATEUR RS232D/BdC 20mA		
Size	Document Number	REV
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Date:	February 16, 1995	Sheet of

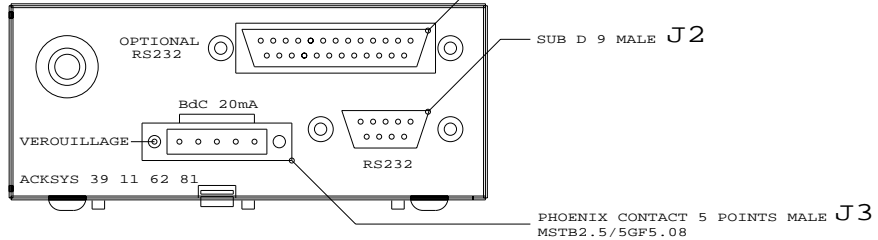
# MIBDC

## IDENTIFICATION DES CONNECTEURS ET DES INTERRUPTEURS

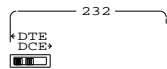
### FACE AVANT



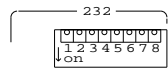
### FACE ARRIERE



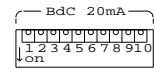
### D.E.L. EN FACE AVANT



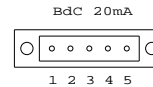
**SW1**  
SW1 = SELECTION  
INTERFACE DTE/DCE



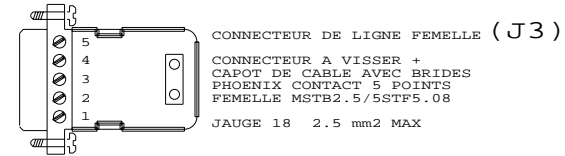
**SW2**  
1 = INVERSION DE L'ETAT DE BOUCLE TX  
2 = INVERSION DE L'ETAT DE BOUCLE RX  
3 = N.C.  
4 = CONTROLE DE CTS  
5 = CONTROLE DE CTS  
6 = DELAI DE CTS  
7 = CONTROLE DE DSR/DCD  
8 = CONTROLE DE DSR/DCD



**SW3**  
1 = TX GENERATEUR (ACTIF)  
2 = TX GENERATEUR (ACTIF)  
3 = VISUALISATION ETAT DE LA LIGNE TX  
4 = TX MODE PASSIF  
5 = RX GENERATEUR (ACTIF)  
6 = RX GENERATEUR (ACTIF)  
7 = VISUALISATION ETAT DE LA LIGNE RX  
8 = RX MODE PASSIF  
9 = REGLAGE TENSION DE BOUCLE (Vbdc)  
10 = REGLAGE TENSION DE BOUCLE (Vbdc)

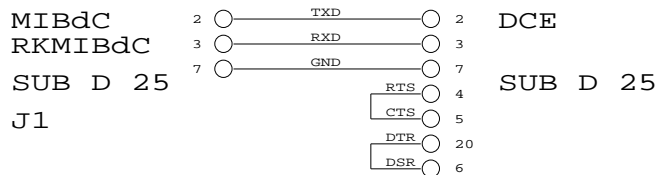
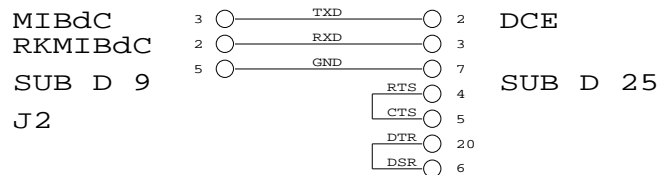


**J3**  
1 = +RX  
2 = -RX  
3 = +TX  
4 = -TX  
5 = GND GENERATEUR DE COURANT



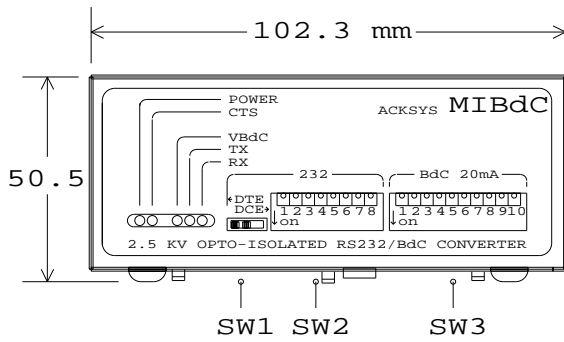
### VOIR TABLEAU DES CONFIGURATIONS

### CABLAGE MINIMUM POUR RACCORDEMENT AVEC UN EQUIPEMENT TYPE " DCE "

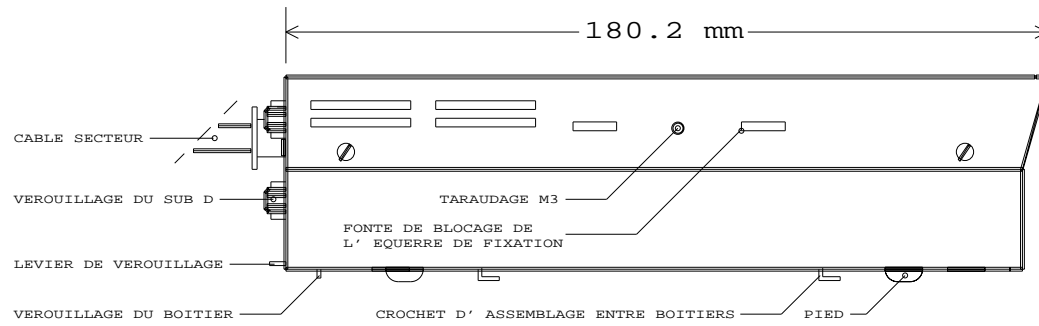


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IDENTIFICATION CONNECTEURS & INTERRUPTEURS		
Title		
ADAPTATEUR RS232D/BdC 20mA		
Size	Document Number	REV
B	MIBDC_3.MAN	A
Date:	November 8, 1994	Sheet of

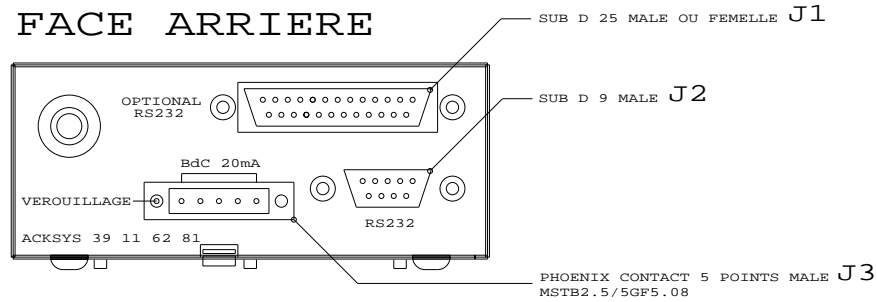
### FACE AVANT



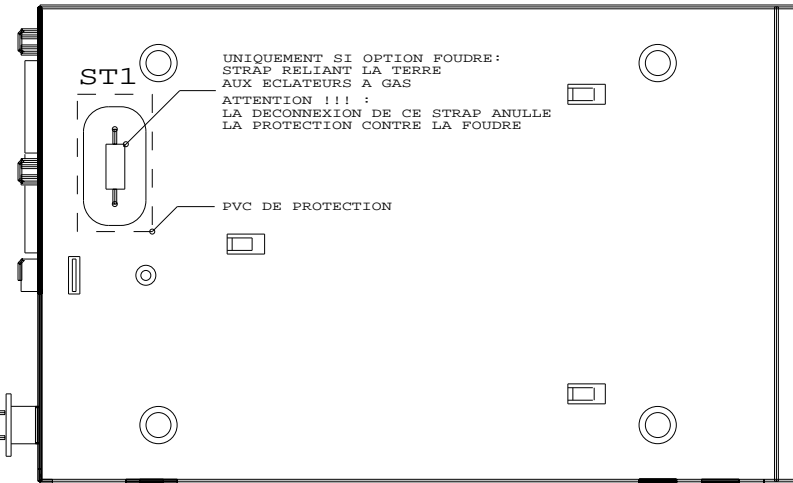
### COTE GAUCHE



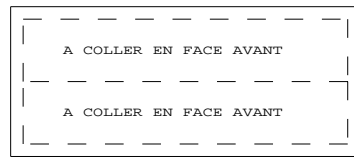
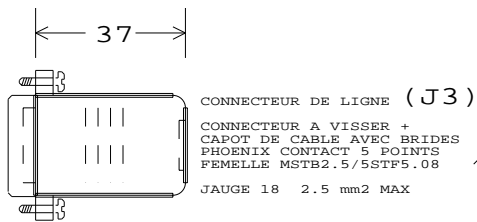
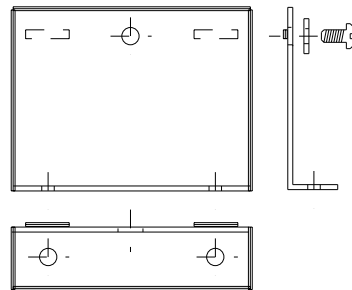
### FACE ARRIERE



### CAPOT INFERIEUR



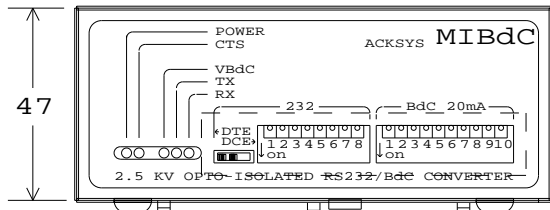
2 pcs



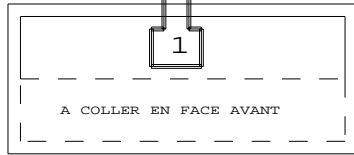
2 PVC TRANSPARENTS AVEC ADESIF POUR PROTECTION DE LA CONFIGURATION

# MIBdC

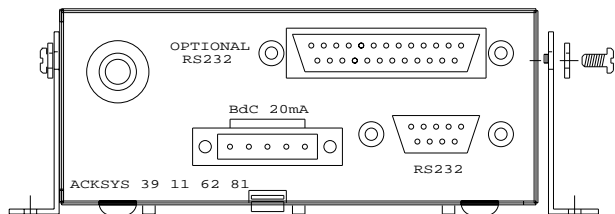
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----- " MIBdC " -----		
DESCRIPTION DU BOITIER		
Title ADAPTATEUR RS232D/ADBdC 20mA		
Size	Document Number	REV
B	MIBDC_4.MAN	A
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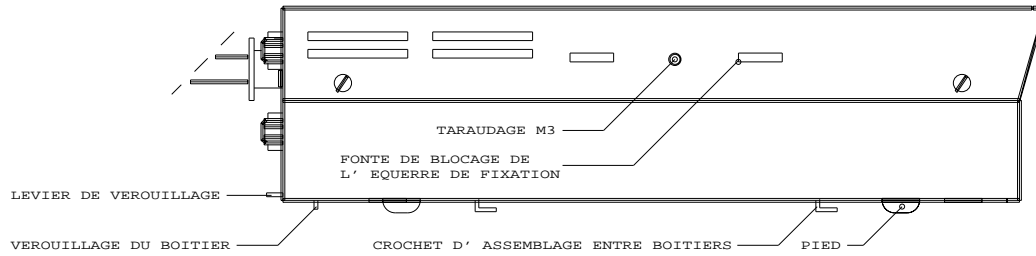
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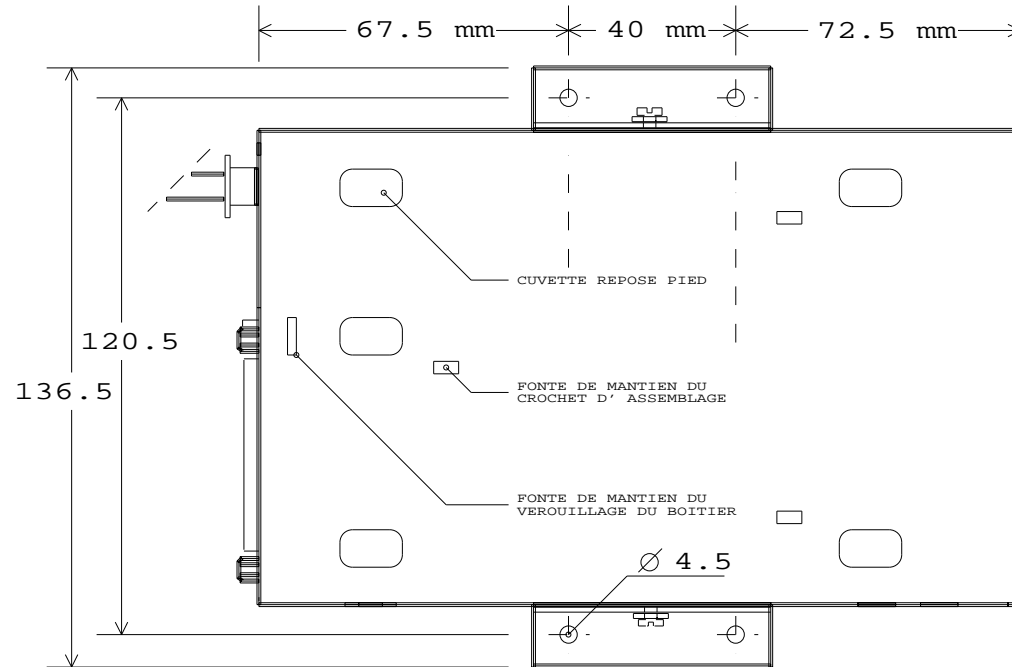
2 PVC TRANSPARENTS AVEC ADESIF POUR PROTECTION DE LA CONFIGURATION



# MIBdC



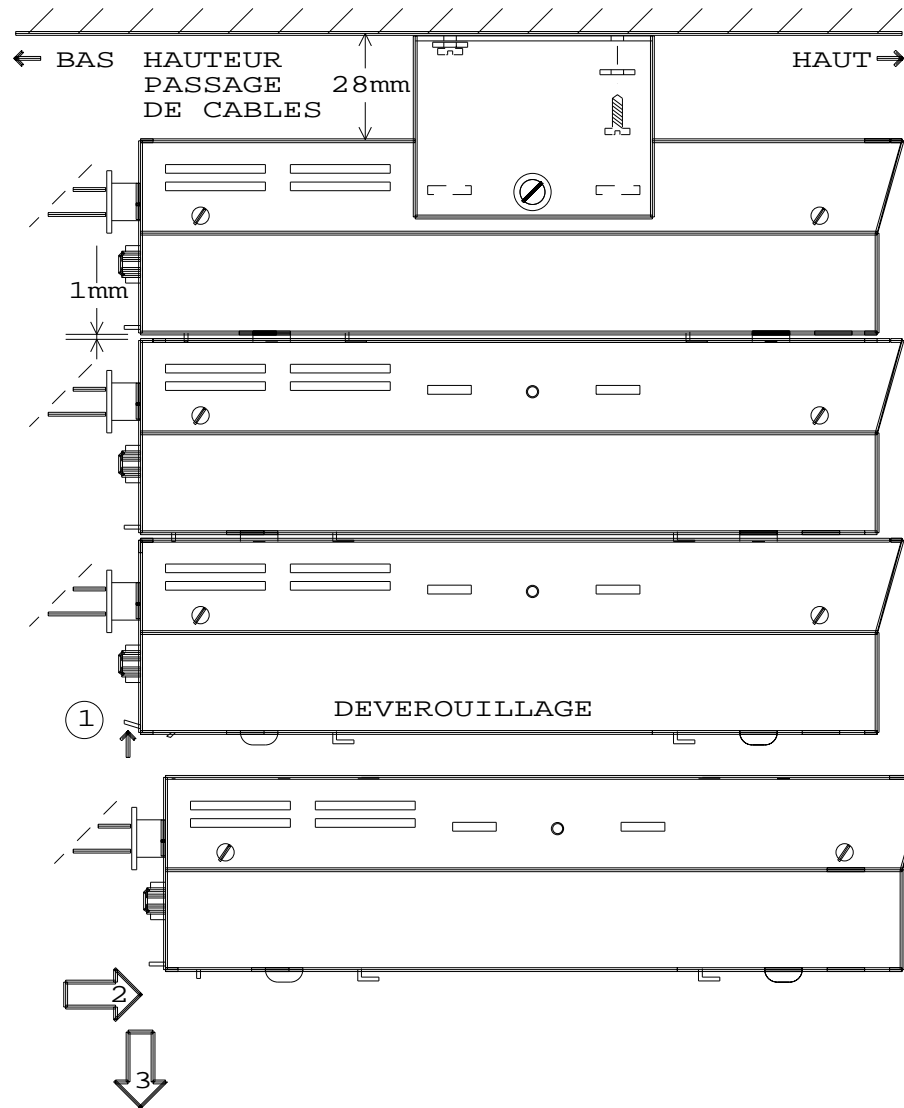
## CAPOT SUPERIEUR



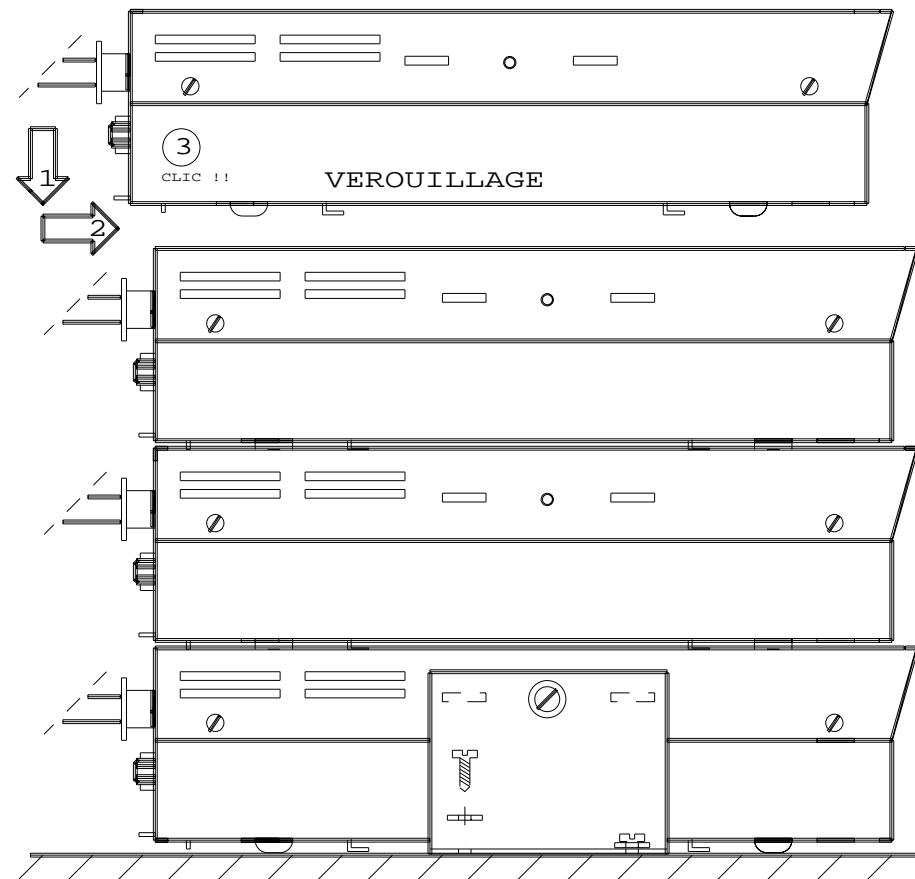
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----- " MIBdC " -----		
FIXATION DU BOITIER ET DU PVC		
Title ADAPTATEUR RS232D/BdC 20mA		
Size Document Number		
B	MIBDC_5.MAN	REV A
Date:	November 8, 1994	Sheet of



POSITIONNEMENT DE L' EQUERRE DE FIXATION  
POUR MONTAGE VERTICALE OU HORIZONTAL DESSOUS



POSITIONNEMENT DE L' EQUERRE DE FIXATION  
POUR MONTAGE HORIZONTAL



ACKSYS 33) 1) 39 11 62 81		
----- " MIBdC " -----		
ASSEMBLAGE DU BOITIER		
Title	CONVERTISSEUR RS232D/BdC 20mA	
Size	Document Number	REV
B	MIBDC_6.MAN	B
Date:	July 22, 1997	Sheet of







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