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PRE-DRILLED MOUNTING FRONT FACE :

4U to 19'' standard Bay

3U to 19'' standard Bay

1U = 44.55mm
Height : 3U = 132mm
Width = 484mm

Height : 4U = 178mm
Width = 484mm

Fig	Product	
1	J2005-J2405 J2005RS J2405RS J3000-J3105 J3500	**M0800** : Aluminium front face for 19 inches bay, pre-drilled 3 holes 138x138mm for panel fitting 144x144 and drilled with 4 holes for fixing to bay vertical rails. Satinised finish.
2	J1805-J1850 J1905S	**M0810** : Aluminium front face for 19 inches bay, pre-drilled 4 holes 92x92mm for panel fitting 96x96 and drilled with 4 holes for fixing to bay vertical rails. Satinised finish.
3	J2005-J2405 J2005RS J2405RS J3000-J3105 J3500	**M0815** : Cover mask format 144x144 : covers cut-outs waiting for any future extension. Clips directly to sheeting : cut-out 138x138mm.
4	J1805-J1850 J1905S	**M0816** : Cover mask format 96x96 : covers cut-outs waiting for any future extension. Clips directly to sheeting : cut-out 92x92mm.

CABINETS :

Empty wall cabinet predrilled 1 96x96 panel for mounting.
Dimensions (lxhxp):
215x210x105mm
Référence : **M0800-00-20**
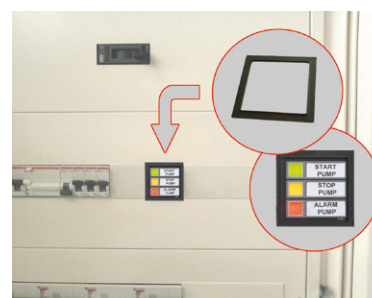
Assembly together with modular systems :

One separator plate allows the PAN35 to be mounted on cabinet door for modular switches or circuit-breakers. It is mounted with a flange ring like a simple spacer.

Dimensions : 56x56mm.
Delivered in 10 unit bags.

Reference : **M0817**

EXTENSION CARDS :

Our panels have «open collector» type outputs.
These outputs can handle 150mA currents.
Extension cards increase output power and provide galvanic
insulation for the unit with the rest of the installation.
They save significant assembly and wiring time.
The panel itself ensures relay power supply.
Red LEDs indicate when each relay is activated.
Screw-in detachable terminal boards ensure relay «inverter
contact» output connection.

Output contacts : 1RT 6A/24Vdc - 0.15A/240Vac.
Potential free per output.

PLUG-IN CARDS :

Only for the J3000/J3105 :

They are mounted directly to the
back of the J3000.
DIN cards are preferable since they
limit the number of cables on the
cabinet door.
They exist in version :

M0900-02-01 : 12 relays 24Vdc.
M0900-02-20 : 2 relays 24Vdc with selector.

DIN CARDS :

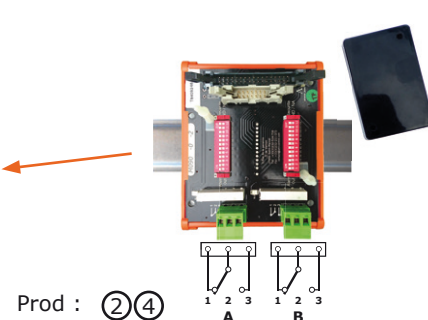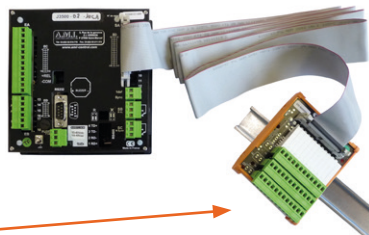They are fitted to a DIN rail at cabinet bottom and connected to the panel by a ribbon cable.

Prod : ①③⑤⑥   Prod : ②④
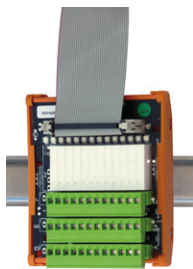
- **Complete relay card :**
  It comes as a standard with 12 relays and can
  be used 8 outputs panels as well as those with
  12 output.

  There is also a model with two additional
  relays which can be used with the «1st fault»
  outputs and «Synchronization».

- **Card with 2 relay outputs with selectors :**
  It allows you to sort the panel outputs towards 2 synthesis relays.
  The allocation of the chanels on each relay is done through micro
  switches that can direct the output on one OR the other relays
  or on one AND the other. Relays can be selected «with positive
  security» or not.

  Use : To direct alarms to the «electrical» or «mechanical»
  staff, separate alarms «high risk» / «lower risk» or «Act / Act
  urgently».

Fig	Product			I.
1	J1905S	**M0901-01-01**	12 relays 12Vdc DIN card. (Only the first 8 relays will be usable)	90
2	J1905S	**M0901-01-20**	2 relays 12Vdc DIN card with selectors. (Only the first 8 channels of the selector will be usable)	90
3	J3000/J3105 J3500 (except 48Vdc)	**M0901-02-01**	12 relays 24Vdc DIN card.	90
4	J3000/J3105 J3500 (except 48Vdc)	**M0901-02-20**	2 relays 24Vdc DIN card with selectors.	90
5	J3500 (with 48Vdc)	**M0901-03-01**	12 relays 48Vdc DIN card. **The J3500 powered in 48Vdc has outputs powered in 48Vdc**	90
7	ALARM'BOX	**M0901-01-02**	8 Relays DIN card 12Vdc for remote postponement (cable included).	

RIBBON CABLE :

Ribbon cable with 2 keyway connectors makes the link between panel rear and relay card. It also provides power supply to the
relay coils. There are cables for 1, 2 or 3 cards (maximum).
The standard length is 1.5m. supplementary 50cm sections can extend this up to 3 meters maximum.

Cable for J1905S :

M0901-02-53 Ribbon cable fitted up for 1 additional card.
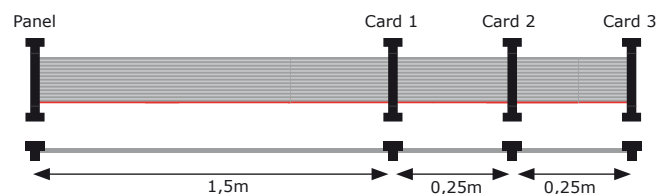**M0901-02-54** Ribbon cable fitted up for 2 additional cards.
M0901-02-56 Ribbon cable fitted up for 3 additional cards.

Cable for J3000/J3105 and J3500 :

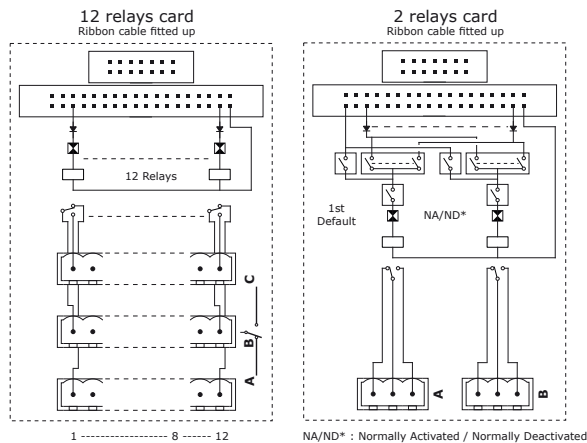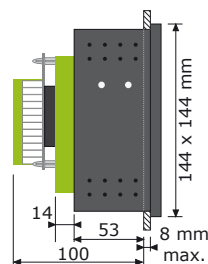**M0901-02-50** Ribbon cable fitted up for 1 additional card.
M0901-02-51 Ribbon cable fitted up for 2 additional cards.
M0901-02-52 Ribbon cable fitted up for 3 additional cards.

Panel   Card 1   Card 2   Card 3

1,5m   0,25m   0,25m

M0901-02-55 0.5 meter additionnal length.

CONNECTIONS :

12 relays card
Ribbon cable fitted up

12 Relays

1 ---------------- 8 ------ 12

2 relays card
Ribbon cable fitted up

1st Default   NA/ND*

NA/ND* : Normally Activated / Normally Deactivated

DIMENSIONS :

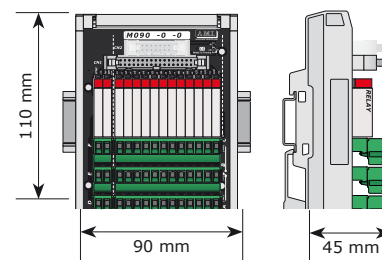PLUG-IN CARDS
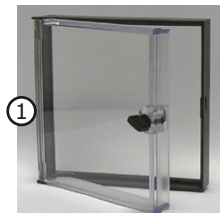

144 x 144 mm

14   53   8 mm max.
100

DIN CARDS

110 mm
90 mm   45 mm

OPEN FRONT FACE, IP54 SEALING :

IP54 sealed front panel is delivered with an o-ring seal. The sealed facade is clipped in place of the original banding holding the facade in place. The front is a transparent opening door.

Fig	Product	
1	J2005-J2405 J2005RS-J2405RS J3000-J3105 J3500	**M0720** : Quarter-turn closing button model. DIN format 144x144.
2	J1805-J1850 J1905S	**M0722** : Quarter-turn closing button model. DIN format 96x96.

«Button» closure

INSTALLATION ON DIN RAIL KIT :

This kit allows the installation of the panels to 96x96 size and 144x144 on a DIN rail profile TS35 all keeping the display toward the operator.

M0730 Adapter for 144x144 panel.
M0731 Adapter for 96X96 panel.

TEST AND DEMONSTRATION KITS :

Comprising 2 cards with connectors, they attach directly to rear panel connectors.
Input contacts can be simulated through the micro-switch that is on the Kit.
Push buttons in the Kit are used for cancellations and resets.
The sound alarm output is audible through a buzzer in the Kit and is visible through LEDs.
Outputs are visible through LEDs.
A 230Vac power supply is provided.
Use only with products on version «02» (24V supply).
For other voltages, thank you contact us.
A connection instruction sheet is included.
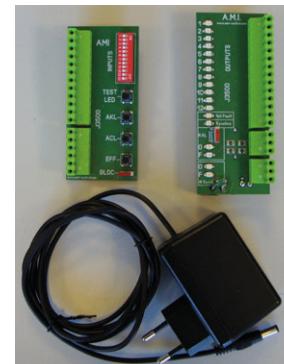
FOR J3000/J3105 IN 24V VERSION :

Ref. : KJ3000-1
Comprising :
- 1 input card with 12-contact switchs, 4 push buttons (LED test, Horn stop, Blink Stop/Reset, Delete), 1 «Inhibit» switch, 1 power supply jack.
- 1 output card with 12 LEDs for outputs, 2 LEDs for «Synchro» and «1st Fault» outputs, 2 LEDs for «Synthesis» output contact, 2 LEDs for «Sound Alarm» output contact, 1 Buzzer.
- 1 230Vac/24Vdc power supply with jack output.
- 1 connection and use instruction datasheet.

demonstration kit not include the panel.
(Use only on panels with 24V supply voltage. For other, please contact us.)

FOR J3500 IN 24V VERSION :

Ref. : KJ3500-1
Comprising :
- 1 input card with 12-contact switchs, 4 push buttons (LED test, Horn stop, Blink Stop/Reset, Delete), 1 «Inhibit» switch, 1 power supply jack.
- 1 output card with 12 LEDs for outputs, 2 LEDs for «Synchro» and «1st Fault» outputs, 2 LEDs for «Synthesis» output contact, 2 LEDs for «Sound Alarm» output contact, 1 Buzzer.
- 1 230Vac/24Vdc power supply with jack output.
- 1 connection and use instruction datasheet.

Accessories

CHOICE OF SUPPLEMENTARY LEDS :

Normal LEDs have only one single colour.
It is necessary to change the LED to change the colour.
Our previous version products use this solution and are unpluggable from the front face, allowing the user to choose the desired colour.
Technology development means that we can use the CMS tri-LED unit giving us 7 different colours per LED with the same component.

All our products will be modified to use this new technology as we go along.

Fig	Product	Preceding version of the product detachable from the facade		
1	J1850	🟩	J2101-00-00	5x10mm GREEN colour LED, code 2500
		🟨	J2101-00-10	5x10mm YELLOW colour LED, code 2400
		🟥	J2101-00-20	5x10mm RED colour LED, code 2300
		🟦	J2101-00-30	5x10mm BLUE colour LED, code 230 MBW
		(exists as J2101-xx-x5 => 12 LEDs pack)		
2	J3000 J3500	🟩	J2001-00-00	10x10mm GREEN colour LED, code 2855
		🟨	J2001-00-10	10x10mm YELLOW colour LED, code 2755
		🟥	J2001-00-20	10x10mm RED colour LED, code 2655
		🟦	J2001-00-30	10x10mm BLUE colour LED, code 2655 MBW (assembly possible in factory only)
		⬜	J2001-00-40	10x10mm WHITE colour LED
		(exists as J2001-xx-x5 => 12 LEDs pack)		
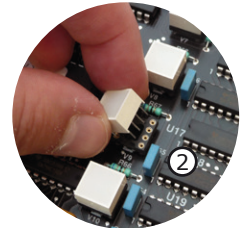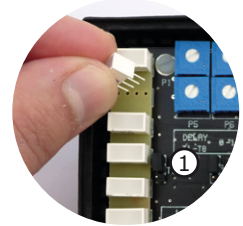
### The new version with 7 colours selectable from the front

A display choice of 7 colors per LEDs is possible. This choice is selectable using switches on the panel front face. You have a choice of the following colours :

Red, Green, Yellow, Blue, White, Cyan, Magenta.

Changing LEDs is no longer necessary.

Already possible on :

PAN35
PAN35VB
PAN35SH
PAN45
PAN45VB
PAN45SH
J1805
J2005
J2405
J2005RS
J2405RS
J1905S
J3105
ALARM'BOX
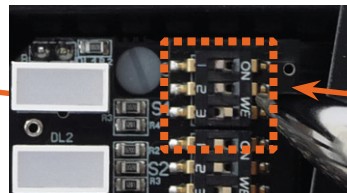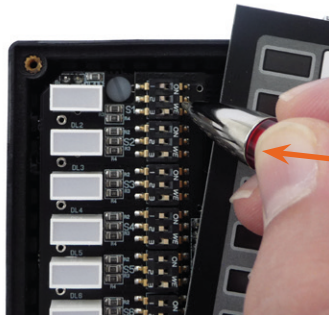
	OFF ON	
Bleu / Blue		🟦
Vert / Green		🟩
Rouge / Red		🟥
Jaune / Yellow		🟨
Magenta		🟪
Cyan		🟦
Blanc / White		⬜
Eteint / Off		⊠

J0500-00-00 LABEL PRODUCTION :

Software developed under EXCEL™ (Microsoft Company) easily produces front face labels for all A.M.I. products. After on screen creation, you only need to print them on a laser printer, and store them on disk for later modification as needed.

You select the A.M.I. product for which you want to produce labels, using a PC with EXCEL™ software.
You type in your text in the predefined templates for the exact dimensions of the desired product.
Depending on the capability of your printer you can choose :
- Basic colours or text colours to attract the eye for certain significant tracks,
- The normal or plastic paper type depending on the environmental ambience of the product destination.

This software can be downloaded for free on our website :

www.ami-control.com

A.M.I.