MOTOMATE

with integrated Millenium2

MOTOMATE

Type	Max speed	torque	Code 8
direct	**3250 tr/mn**	**0,24 N.m**	**80 080 005**
Right angle			
Rapport = 5	**650 tr/mn**	**1,0 N.m**	**80 081 001**
Rapport = 10	**325 tr/mn**	**1,7 N.m**	**80 081 002**
Rapport = 20	**163 tr/mn**	**2,9 N.m**	**80 081 003**
Rapport = 30	**108 tr/mn**	**3,5 N.m**	**80 081 004**
Rapport = 50	**65 tr/mn**	**3,4 N.m**	**80 081 006**
planetary			
Rapport = 5	**650 tr/mn**	**1,0 N.m**	**80 089 704**
Rapport = 27	**120 tr/mn**	**4,5 N.m**	**80 089 705**
Rapport = 139	**23 tr/mn**	**20,0 N.m**	**80 089 706**

MOTOMATE

Software 1.3.6 :
ensure that « catalog Motomate » has been installed

3) « Motomate »

2) Tick here

1) Menue « File / New »

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Choix du type de contrôleur et extensions associées

Type du contrôleur

| MOTOMATE |
| 800803XX - 2 TOR + 2 TOR/ANA - 4 PWM/TOR |
| avec compteur rapide |

Changer

Extensions associées

Type	Référence	Entrées	Sorties
XC: MOTEUR BRUSHL...	800803XX	3 TOR + 2 ENTIE...	3 TOR + 2 ENTIE

XC

XL

XD0 · XT20

OK   Annuler

1) Tick « XC »

Choix d'une extension

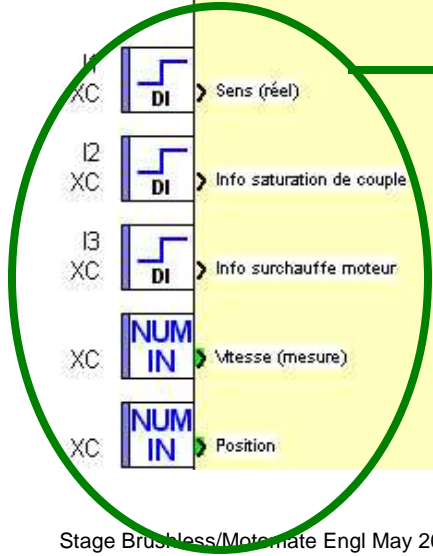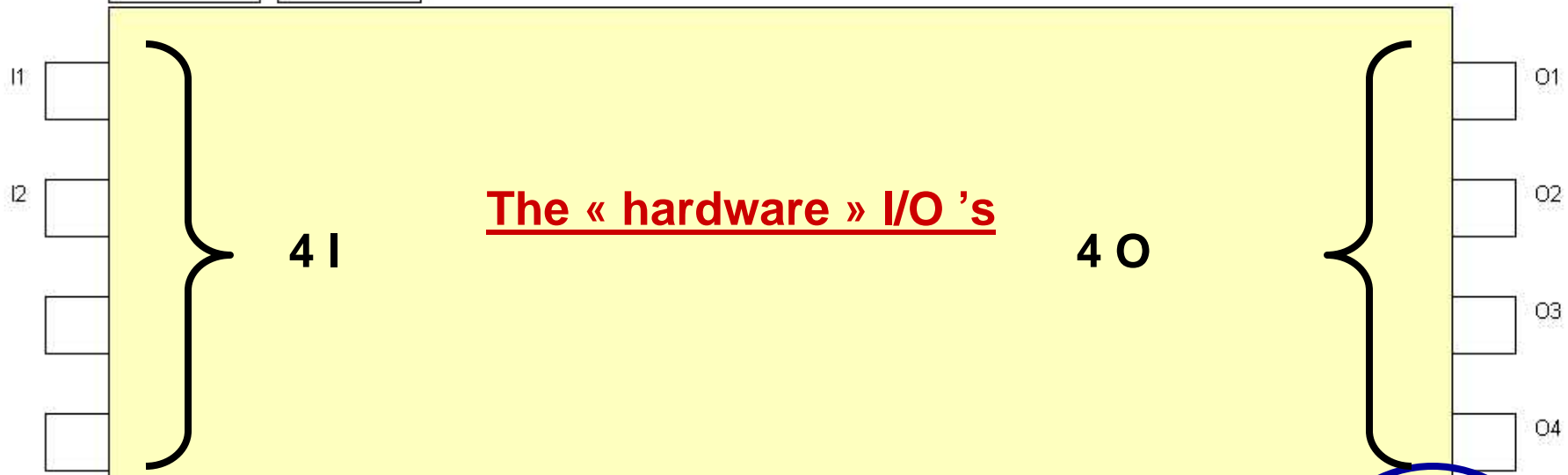| Type	Référence	Entrées	Sorties
MOTEUR BRUSHLESS	800803XX	3 TOR + 2 ENTIERS	3 TOR + 2 ENTIERS

2) « Brushless » is selected. Tick « OK »

3) « XC: Motor brushless » appears. Tick « OK »

OK   Annuler   ?

Démo fct métier
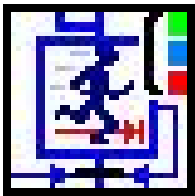CROUZET - 1.3

MOTOMATE
PROGRAMME

XC:MOTEUR BRUSHLESS

I1

I2

4 I

The « hardware » I/O 's

4 O

O1

O2

O3

O4

XC DI Sens (réel)

Information from the motor

I2
XC DI Info saturation de couple

I3
XC DI Info surchauffe moteur

The « virtual » I/O 's

XC NUM IN Vitesse (mesure)

XC NUM IN Position

Commands sent to the motor

Marche / arrêt DO XC

Sens (consigne) DO XC

RAZ position DO XC

Vitesse (consigne) NUM OUT XC
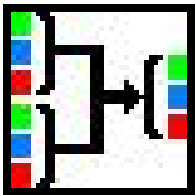
Limite couple NUM OUT XC
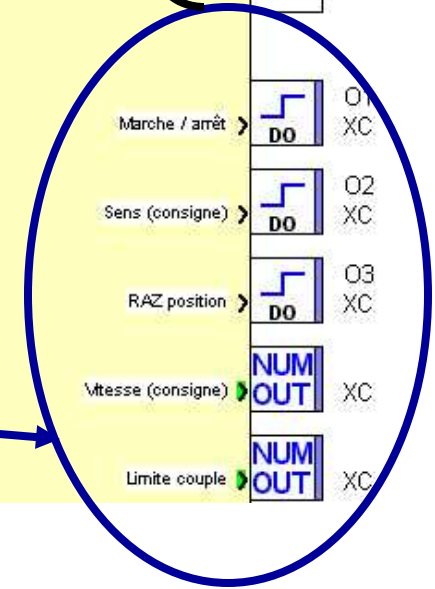
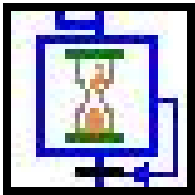**No real time clock reliant blocks are activated**

Movement Step (SFC)
Provides for reaching a target position with speed ramps
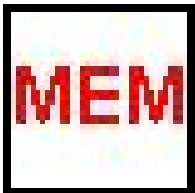The step is validated once the movement is finished

Motor Multiplexer
Provides for grouping the « On/Off », « Direction of rotation », and
« Speed » outputs of several movement steps

Wait Step (SFC)
Provides for a time delay between two movements
The step is validated when the given time has passed **(max. 25s!)**
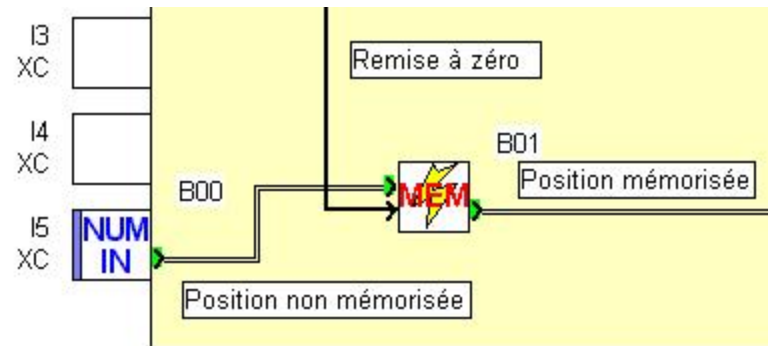
Memorisation
Provides for capturing and storing data, for example
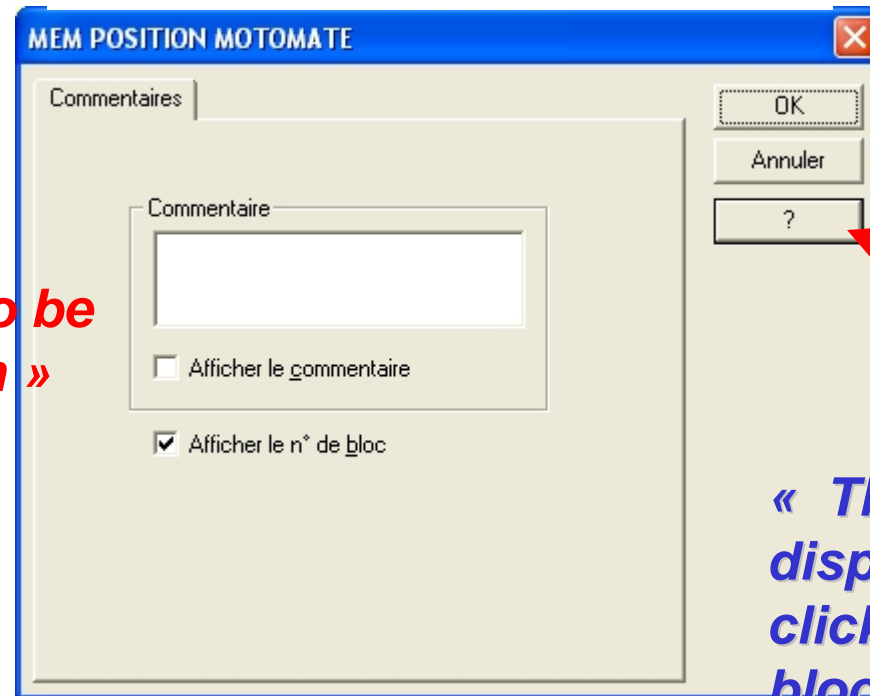the limit positions of a mechanical system

Memorisation position Motomate
Provides the safe storage of the position of Motomate in case
of a power failure

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Counter « Motor position »
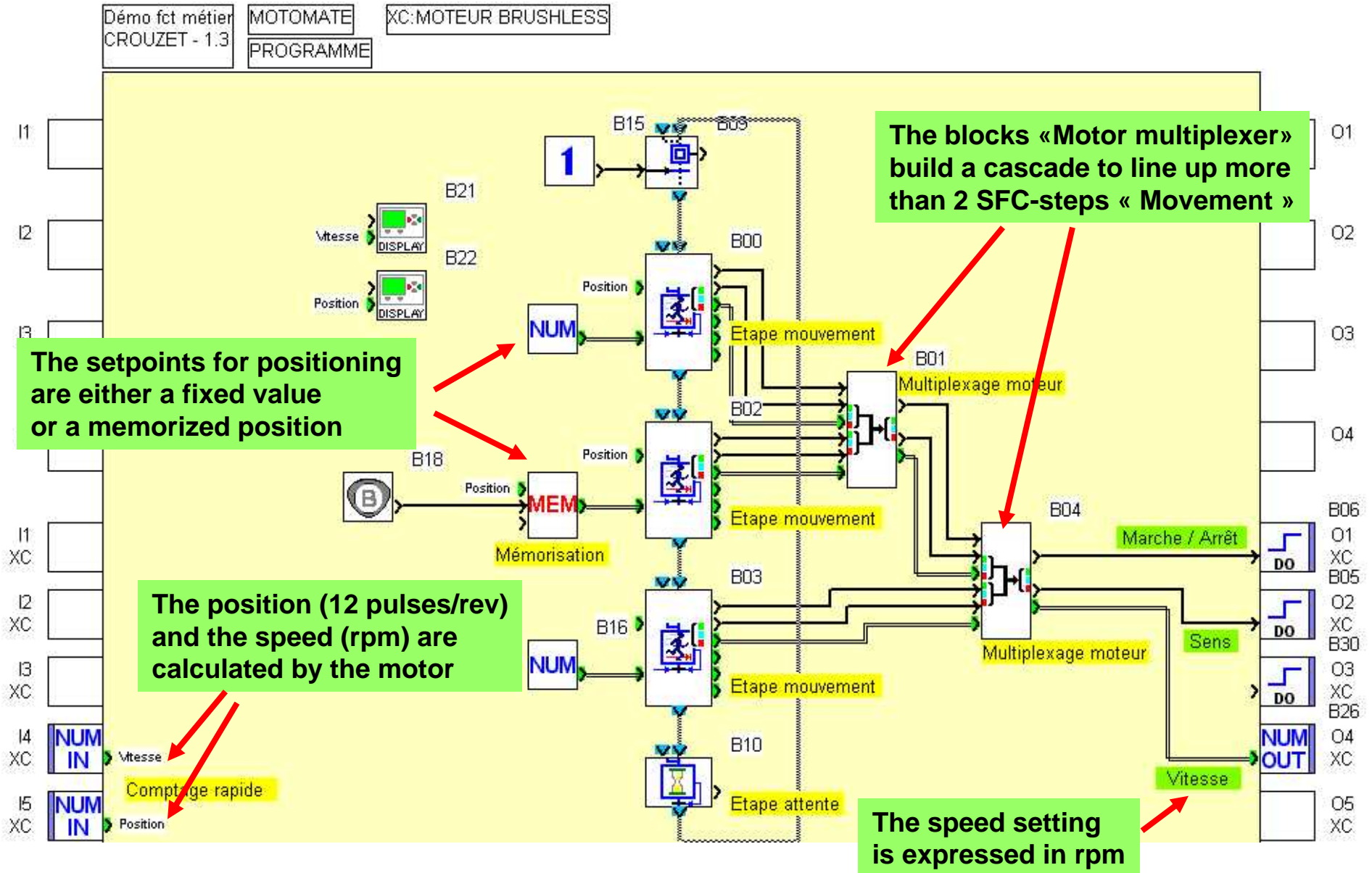

« No parameters to be set in this function »

More info ? Tick here !

« This window is displayed by double-clicking on the function block in your program »

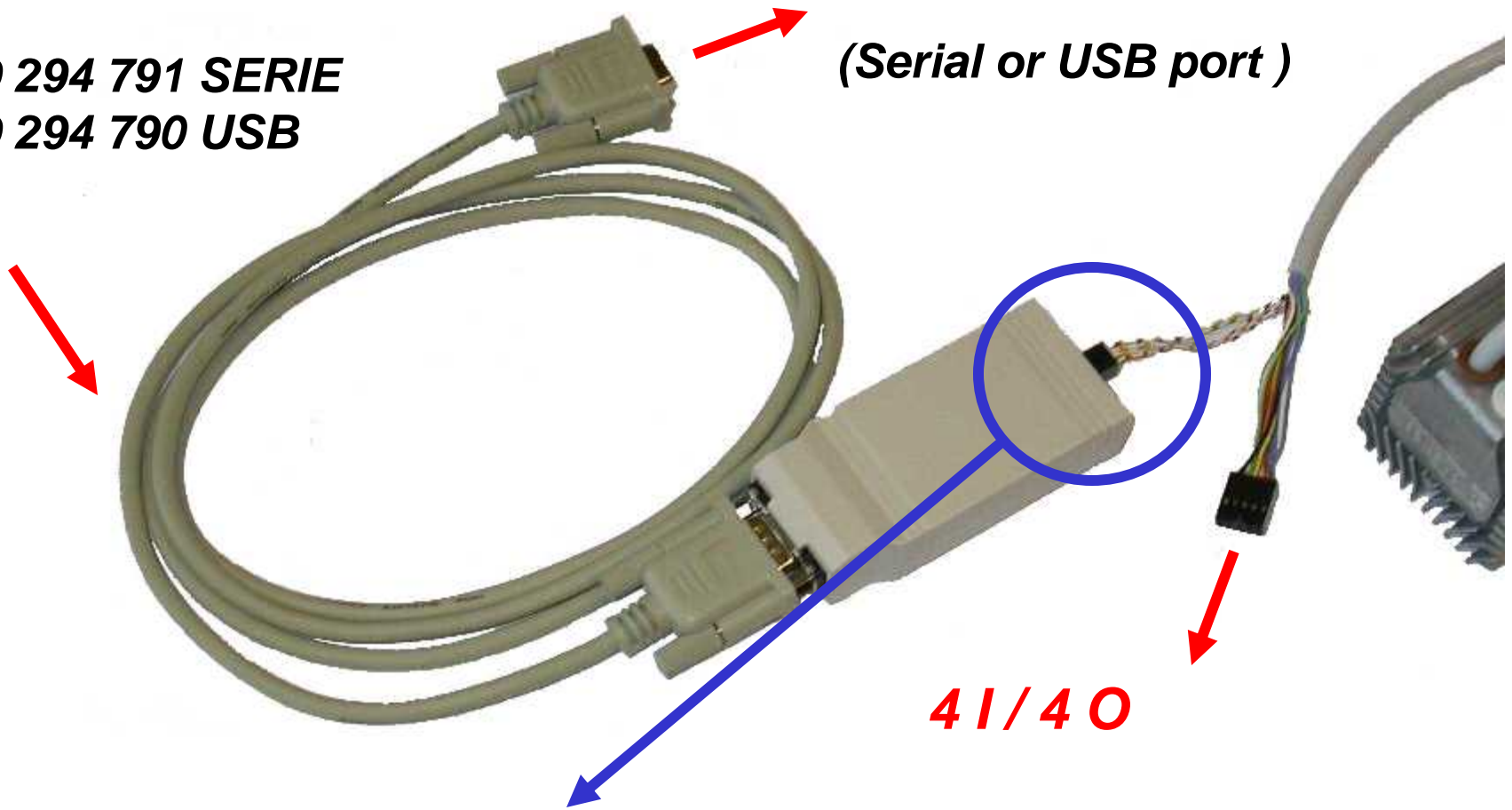**Note : this specific function block only exists in the French version today**

Réf. 79 294 791 SERIE
Réf. 79 294 790 USB

(Serial or USB port)

4 I / 4 O

Interface with 6 connector plug