

DEFINITION GUIDE FOR A SPECIFIC PLC

All the specific programmable controllers developed by TEC AUTOMATISMES are designed from A to Z according to the customer's requirements.

If you can fill in the following document as completely as possible, our R&D engineers and technicians will be in a position to propose the « Tailor-Made » programmable controller fitting your requirements.

Even if you have not yet defined all the parameters hereunder, the elements you will give us will permit us to present a preliminary draft.

Of course, our Sales and Technical Teams remain at your disposal to help you in that definition task. So do not hesitate to contact them.

1. POWER SUPPLY

Main power supply :

Voltage :

2. INPUTS

Digital inputs :

Number :

Voltage :

Type :

- dry contact
- 2 wire sensor
- Counting
- 3 wire sensor
- Other

↳ precise :

Auxiliary power supply given by the PLC :

Voltage :

Current :

Analog inputs :

Number :

Type :

- PT 100
- PT 1000
- thermocouple
- Other
- 4/20 mA
- 0/10 V
- potentiometer

↳ precise :

Required accuracy :

Galvanic insulation YES NO

if yes, voltage

between which elements

3. OUTPUTS

Digital outputs :

Number :

Voltage :

Current :

Number of operations per

Analog outputs :

Number :

Type :

- 0/10 V
- 4/20 mA
- other

↳ precise :

Required accuracy :

Galvanic insulation YES NO

if yes, voltage

between which elements

4. COMMUNICATION

Number of communication ways :

Type of communication:

- RS 232 C
 - RS 422
 - RS 485
 - Ethernet
 - Modem
 - Field Bus
 - Other
- precise :

Galvanic insulation YES NO type of connected elements

If yes, voltage

between which elements Protocol

5. DISPLAY

- on card
 - remote nude
 - remote in case
- type of display :
- LED (electroluminescent diode)
 - LCD (liquid cristal display)
 - Other
- precise :

number of digits/characters size of the characters distance to the PLC

6. KEYBOARD

- on card
 - remote nude
 - remote in case
- Type of keyboard :
- mechanical keys
 - membrane
- number of keys distance to the PLC
- linked to the display YES NO

7. CENTRAL UNIT

Programming carried out by :

- TEC AUTOMATISMES
 - The manufacturer
 - The final user
- Data backup YES NO
- if yes, which data :
- backup repetitivity Max. reaction time between the evolution of an input and the output (in ms)

8. MECHANICAL FEATURES

PLC delivered :

- in a case
- nude

Protection degree IP mounting

Max. dimensions Length X Width X Height

9. ENVIRONMENT

Operation temperature (°C) Storage temperature (°C) Relative humidity (in %)

Tolerance on the power supply voltage + % - %

10. CONNECTION

- To be soldered
 - Screw terminals
 - Connector
 - Pluggable screw terminals
 - Spring terminals
- precise :
- Other
- precise :