

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



### Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China







# PNEUMATIC LOGIC COMPONENTS

#### **General characteristics**

#### Operating fluid

- Compressed air or inert gas.

#### Conditions of use

- Operating pressure 2 at 8 bars (except for special conditions).
- Fluid: Filtered air to 50 microns non lubricated.
- Operating temperature from  $5^{\circ}$  C to +  $50^{\circ}$  C (under +  $5^{\circ}$  C the dew point must be below 10° C for the application).
- For optimum performance, the elements should be inter-connected by air supply tubing with an internal diameter ≥ at 2.5 mm.

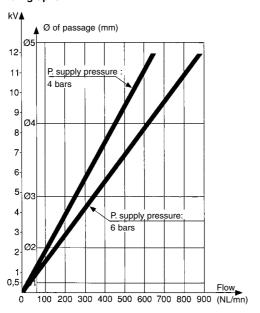
#### Mounting recommendations

- The elements should be mounted and piped in a clean atmosphere in order to prevent any form of pollution entering the system.
- Minimum torque for element fixing screws: 5 cm/ka.
- maximum torque for element fixing screws: 10 cm/kg.

#### Characteristics common to all elements in the modular system

- The characteristics have been obtained with a supply pressure at 6
- The flow in NI/min is the number of litres of air at normal atmospheric pressure obtained with the output open to atmophere and the supply pressure at 4 bars
- The consumption in NI/min is the number of litres of free air necessary for the unit to function.
- kV = the flow coefficient of the equipment.
- Mechanical life > 107 operations

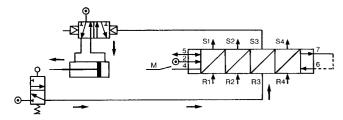
#### flow graphs



#### Sequencer modules

Operation results from the combination of a sequential cycle. A system comprises individual modules which are joined together by means of a sub-base. Each module has a memory which delivers an output signal and receives an input signal.

An indicator on each module allows the operator to monitor the progress of the cycle and identity quickly and easily any fault which may

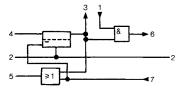


Operation results from the combination of three functions (memory, AND and OR) which constitute each module.

The memory activates the output and gives priority to the reset signal. The AND element ensures the transition to the next module but only if an input signal is present.

The OR element ensures the resetting of all previously operated

#### Function diagram



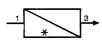
#### sequencer module with maintained reset

#### Brake

This maintains the memory spool in position only when the supply is lost.

#### Module with auto reset





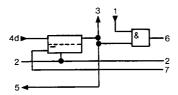
#### Brake

This returns the memory spool to the reset condition only when the supply is lost

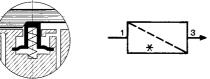
The general principle is to advance the sequencer step by command impulses to the inputs of the even steps, alternating with the command impulses to the inputs of the odd steps.

Used for example on a transfer machine to shift the information "bad component" collected at a test-test "n" steps further along the machine to a reject station.

#### **Function diagram**



#### Auto reset sequencer module



#### Sequencer modules

WWW.CROUZET-CONTROL.COM

- ) 100 % pneumatic
- Ideal for a simple pneumatic sequence



Also available in ATEX version for use in potentially explosive atmospheres in accordance with 94/9/EC Directive





_
naintain'
n

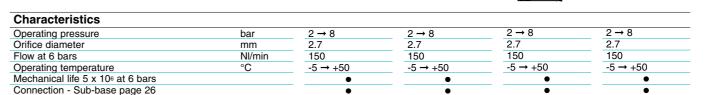
70

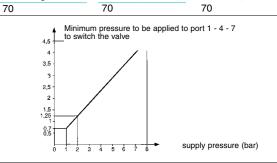
# Reset to zero

#### Symbol

Versions

Weight

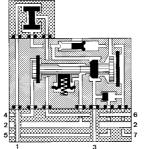




#### Principle of operation

(supplied without logic element. For choice of units see pages 46/47)

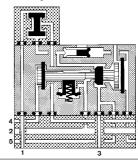
#### Sequencer module with maintained reset



Dimensions

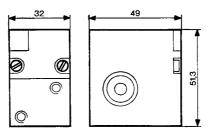
- Input signal
- 2 Supply
- 3 Output signal
- 4 Start signal 5 - In cycle signal
- 6 End of cycle signal
- 7 Reset to zero signal

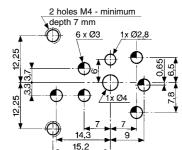
#### Shif register with maintained reset



- 1 Input signal
- 2 Supply 3 - Output signal
- 4 Start signal 5 - In cycle signal
- 6 End of cycle signal
- 7 Reset to zero signal

#### Mounting plan for sequencer





| WWW.CROUZET-CONTROL.COM

| PNEUMATICS PRODUCTS

#### | WWW.CROUZET-CONTROL.COM

#### PNEUMATICS PRODUCTS

#### Sequencer sub-bases



Versions

Also available in ATEX version for use in potentially explosive atmospheres in accordance with 94/9/EC Directive

Front connecting (DIN-omega)

Rear connecting (with clips)







Sub-base (DIN oméga)

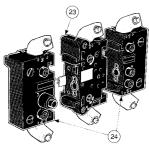
End bases - one pair

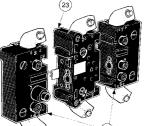
Diversion base

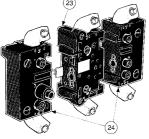
Characteristics					
Sub-bases Rotatable connectors		•	•	•	
(fitted) Pressure indicators		•	•	•	
Operating temperature	°C	-5 → +50	-5 → +50	-5 → +50	
Weight	п	55	135	60	

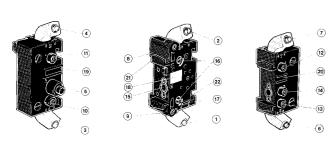
#### Sequencer connections

#### Front connecting



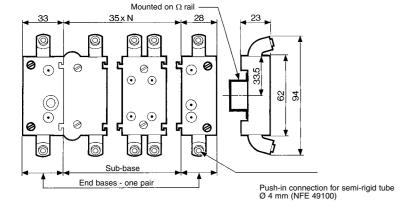






- 1 Input port (green port 1) Ø 4
- 2 Output port (red port 1) Ø 4
- 3 Input port, cycle start (green port 1) Ø 4
- 4 Output port, in-cycle signal (red port 1) Ø 4
- 5 Output port, cycle end (red port 6) Ø 4
- 6 Output port, cycle end (red port 6) Ø 4
- 7 Input port, reset to zero (green port 7) Ø 4
- 8 Output indicator (red)
- 9 Input indicator (green)
- 10 Cycle start indicator at port 4 (green)
- 11 In-cycle indicator at port 5 (red)
- 12 Input indicator at port 7 (green)
- 13 End of cycle indicator at port 6 (red)
- 14 Supply indicator at port 2 (yellow)
- 15 Interconnecting ports
- 16 Fixing screws 17 - Engraved arrow to indicate direction of sequence
- 18 Marking tag
- 19 Marking tag position
- 20 Marking tag position
- 21 Mounting tongue
- 22 Mounting groove
- 23 Sub-base
- 24 End bases

#### **Dimensions** Front connecting







Sub-base (with clips)

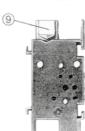
End bases - one pair

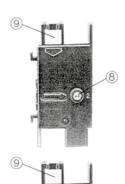
_	<del>_</del>
_	•
-5 → +50	-5 → +50
40	120

#### Rear connecting



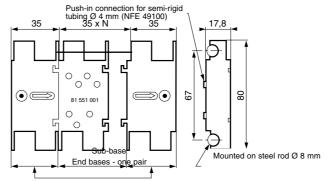






- 1 Input port (marked port 1)
- 2 Supply port (Port 2)
- 3 Output port (Port 3)
- 4 Cycle start signal port (Port 4)
- 5 In-cycle signal port (Port 5)
- 6 End of cycle signal port (Port 6)
- 7 Reset to zero signal port (Port 7)
- 8 Indicator at supply port
- 9 Marking area

Rear connecting



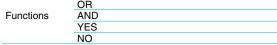
#### **Logic elements**

- > Performs "combined" Pneumatic
- Easy to use



Also available in ATEX version for use in potentially explosive atmospheres in accordance with 94/9/EC Directive

	OR	
Functions	AND	
	YES	
	NO	
Version		





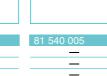


On Sub-base

page 4/14-4/15

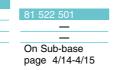






Plug-in

Ø6



#### Symbol



Plug-in

Ø4



Characteristics					
Push-in connection for semi-rigid	Male/Female/Female	_	Ø 4 mm	_	_
tubing (NFE 49100)	Female/Female/Female	_	_	Ø 6 mm	_
Colour		Blue	Blue	Blue	Green
Operating pressure	bar	2 → 8	2 → 8	2 → 8	2 → 8
Orifice diameter	mm	2.7	2.7	4	2.7
Flow at 6 bars	NI/min	170	170	200	170
Pressure indicator		•	_		•
Switching time	ms	_	_	_	_
Operating temperature	°C	-5 → +50	-5 → +50	-5 → +50	-5 → +50
Mechanical life	operations	>107	>107	>107	>107
Weight	g	25	12	25	25

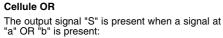
Pilot/pressure curves

P.p : Pilot pressure

P.a : Supply pressure

#### Principle of operation





S = a OR b

S = a + b

81 540 005 - 81 541 005



#### Cellule AND

The output signal "S" is present only when signals "a" AND "b" are present simultaneously:

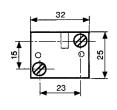
 $S = a \cdot b$ 

S = a AND b

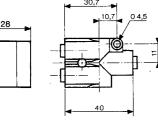
81 540 001 - 81 541 001

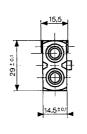
#### Dimensions

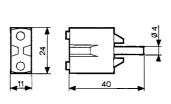
81 521 501 - 81 522 501











#### Other information

See pages 54/55 for mounting plan for logic elements.













81 541	001
	_
	_
Plug-in	

Ø 4

Plug-in Ø6

On sub-base page 36-37

Threshold On sub-base page 4/14-4/15

Threshold On sub-base page 4/14-4/15

Threshold On sub-base page 4/14-4/15



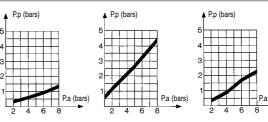


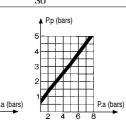






Ø 6 mm Green 2 → 8 4	Yellow 2 → 8 2.7	Orange 2 → 8	Light grey 2 → 8	Dark grey 2 → 8
2 → 8 4	2 → 8	2 → 8		
4				
4	2.7	0.7		
000		2.7	2.7	2.7
200	170	170	170	170
•	•	•	•	•
_	< 4	< 4	< 4	< 4
-5 → +50	-5 → +50	-5 → +50	-5 → +50	-5 → +50
>107	>107	>10 <sup>7</sup>	>10 <sup>7</sup>	>107
25	30	30	30	30
	▲ Pn (hars)	▲ Pn (hars)	▲ Pn (bars)	A P.p (bars)
_	>10 <sup>7</sup>	$-5 \to +50$ $-5 \to +50$ $>10^7$	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$







#### YES element

The output signal "S" is only present when the pilot is present "a" is present:

S = a YES b



#### NOT element

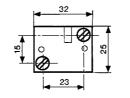
The output signal "s" is present only if the input signal "a" is NOT present. The output signal is therefore the inverse of the pilot signal:

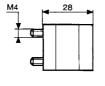
S= NOT a

If the supply port is connected to a 2nd input "b", the function obtained is called inhibition:

S = NOT a AND b  $S = \overline{a} \cdot b$ 

81 501 025 - 81 503 025 81 504 025 - 81 506 025





#### **Memory element**

- > 100 % pneumatic
- Bistable pneumatic



Also available in **ATEX** version for use in potentially explosive atmospheres in accordance with 94/9/EC Directive

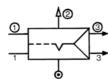


Version

81 523 201 With pressure indicator

With pressure indicator and manual

#### Symbol



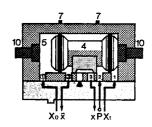
# Characteristics Colour

Colour		Black	Black
Operating pressure	bar	2 → 8	2 → 8
Orifice diameter	mm	2.7	2.7
Minimum memory pilot pressure	bar	2.5	2.5
Operating temperature	°C	-5 <del>→</del> +50	-5 → +50
Flow at 6 bars	NI/min	200	200
Connection - On sub-base page 4/14-4/15		•	•
Weight	g	90	90

#### Principle of operation

The function is that of a 4/2 valves. The appearence of signal "X1" causes the displacement of the slide valve. The output port "x" is then put under pressure. This state is remembered until the arrival of signal "X0". This signal reverses the slide valve, the output "x" is put under pressure. This state is likewise remembered. The output:

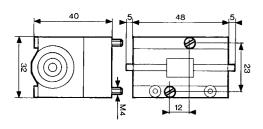
- "x" under pressure indicates that the information in the MEMORY is "X1",
- "x" under pressure indicates that the information in the MEMORY is "X0".



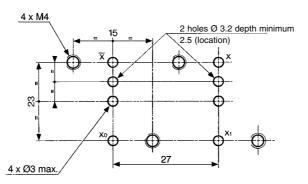
#### Dimensions

#### 81 523 201 - 81 523 601

www.crouzet.com



#### Dimensions of logic and memory elements



Viewed from above

# ATEX version products are available in the following catologues: Pneumatic products for explosive atmospheres or on our website

#### **Timers fixed timing**

#### Fixed 0.4 s



Also available in **ATEX** version for use in potentially explosive atmospheres in accordance with 94/9/EC Directive



Version

Positive output

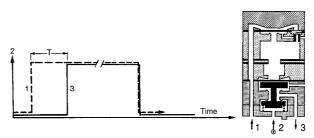
#### Symbol



#### Characteristics

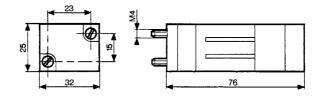
Timing	S	0.4
Operating pressure	bar	2 → 8
Flow at 6 bars	NI/min	170
Orifice diameter	mm	2.7
Accuracy	%	± 5
Min. reset time	S	<0.1
Connection - On sub-base page 36-37		•
Operating temperature	°C	-5 <del>→</del> +50
Mechanical life	operations	>10 <sup>7</sup>
Weight	g	106

# Principle of operation with positive output



Dimensions

81 503 540



#### Timers (with adjustable timing)

#### > 60 s adjustable (60 s max.)



Symbol

Also available in ATEX version for use in potentially explosive atmospheres in accordance with 94/9/EC Directive







		81 503 710	81 506 710	81 503 720	81 506 720	81 503 72
Function	positive	•		•	_	•
Function	negative	_	•	_	•	_

legative						
	^	^				
	<del></del>		<del></del>	<del></del>	<del>, , , 4</del>	<del></del>
	1 <b>  ⊢7-1</b>   3	1 <b>- 1 <del>- 7 -</del> 1</b> 3.	, <b>  _4</b> _   _	<u>44</u> - a	1 1 1 2 2	1 4 1 1-74 1
	— / ' <del>  →</del>	—(1 ° / ° <del>  →</del>				<u> </u>

		15	15	30	30	60	60
		<b>©</b>	•	• 12 • 0	<b>o</b>	<b>o</b>	<sup>12</sup> <b>⊙</b>
Characteristics							
Timing	S	0.1 → 15	0.1 → 15	0.1 → 30	0.1 → 30	0.1 → 60	0.1 → 60
Operating pressure	bar	2 → 8	2 → 8	2 → 8	2 → 8	2 → 8	2 → 8
Flow at 6 bars	NI/min	170	170	170	170	170	170
Orifice diameter	mm	2.7	2.7	2.7	2.7	2.7	2.7
Accuracy	%	± 5	± 5	± 5	± 5	± 5	± 5
Min. reset time	S	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Connection - On sub-base		•	•	•	•	•	•
Operating temperature	°C	-5 <del>→</del> +50	-5 → +50	-5 → +50	-5 → +50	-5 → +50	-5 → +50
Mechanical life	operations	>10 <sup>7</sup>	>10 <sup>7</sup>	>10 <sup>7</sup>	>10 <sup>7</sup>	>10 <sup>7</sup>	>10 <sup>7</sup>
Weight	g	90	90	100	100	120	120
Accessories							
Panel mounting adaptator		79 451 698	79 451 698	79 451 903	79 451 903	_	_
Weight	g	53	53	53	53		

#### Principle

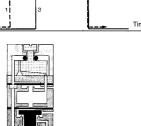
Timing by charging of reservoir

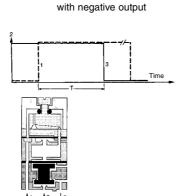
The operation of these pneumatic timers is similar to that of electronic timers (circuit with capacitor/resistor)

Principle of operation

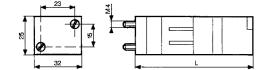
with positive output







for the next timing.

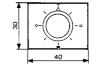


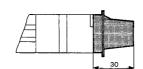
of the timer output is reached (positive or negative). The non-return valve allows the reservoir to be emptied rapidly

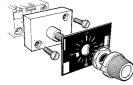
The reservoir fills via the flow restrictor until the switching point

	L (mm)
81 503 710 - 81 506 710	78
81 503 720 - 81 506 720	92
81 503 725 - 81 506 725	125

#### Adaptator 79 451 . . .







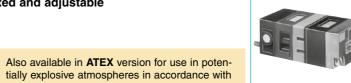
For panel mounting, a pre-drilled hole Ø 10.5 mm si required

#### ATEX version products are available in the following catologues: Pneumatic products for explosive atmospheres or on our website www.crouzet.com

#### **Timers**

#### > Fixed and adjustable

Adjustable frequency generator







94/9/EC Directive	
Single impulse generator	Fixed
	Adjustable

81	507	540	
		_	
		_	

		—	
81	507	720	
		_	

	_
81	506 94

#### Symbol



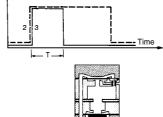


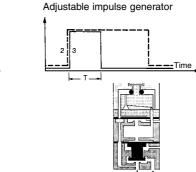


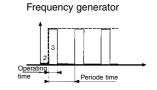
		0,14		
Characteristics				
Timing	S	0.4	0.1 → 30	_
Frequency	Hz	_	<u> </u>	0.02 → 8
Operating pressure	bar	2 → 8	2 → 8	2 → 8
Flow at 6 bars	NI/min	170	170	170
Orifice diameter	mm	2.7	2.7	2.7
Accuracy	%	± 5	± 5	± 5
Min. reset time	S	<0.1	<0.1	<0.1
Connection - On sub-base page 4/14-4/15		•	•	•
Operating temperature	°C	-5 → +50	-5 → +50	-5 → +50
Mechanical life	operations	>10 <sup>7</sup>	>10 <sup>7</sup>	>10 <sup>7</sup>
Weight	g	106	180	85
Accessories				
Panel mounting adaptators		_	79 451 904	79 451 905
Weight (g)		<del>_</del>	53	53

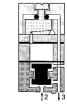
#### Principle of operation



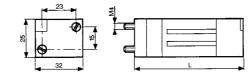






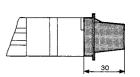


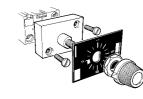
#### Dimensions



Part numbers	L (mm)
81 507 540	73
81 507 720	99
81 506 940	72







For panel mounting, a pre-drilled hole Ø 10.5 mm si required

| WWW.CROUZET-CONTROL.COM

PNEUMATICS PRODUCTS

#### | WWW.CROUZET-CONTROL.COM

#### PNEUMATICS PRODUCTS

#### **Timing Accessories**

Also available in ATEX version for use in poten-

tially explosive atmospheres in accordance with









One-way in-line fixed
flow restritors

Capacity for timing

94/9/EC Directive

One-way in-line fixed flow restritors	Flow at 4 bars Nm <sup>3</sup> /h	Ø orifice	e (mm)
	$0.18 \rightarrow 0.30$	0.3	white
	$0.35 \rightarrow 0.50$	0.4	yellow
	$0.58 \rightarrow 0.77$	0.5	red
	$0.80 \rightarrow 1.06$	0.6	green
	1.10 → 1.39	0.7	blue
	1.45 → 1.65	8.0	grey
	$2.30 \rightarrow 2.80$	1	black
	$0.08 \rightarrow 0.12$	0.25	white
One-way adjustable flow res	stritor		

10 • 60 s

)		
ite	81 529 003	
ow	81 529 004	
ed	81 529 005	
en	81 529 006	
ue	81 529 007	
ey	81 529 008	
ck	81 529 010	
ite	81 529 025	
	_	

9	81 529 003
	81 529 004
/ I	81 529 005
1	81 529 006
)	81 529 007
,	81 529 008
(	81 529 010
)	81 529 025
	_

81 529 003	
81 529 004	
81 529 005	
81 529 006	_
81 529 007	
81 529 008	
81 529 010	_
81 529 025	
_	

3	_
4	_
4 5 6	_
6	_
	_
8	_
0	_
5	_
	81 525 101

_	_	_
_	_	_
_		_
_	_	_
_		_
_	_	_
_	_	_
_	_	_
101	81 526 001	_
_		79 458 808

#### Symbol







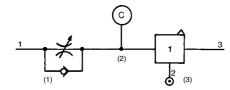


			<b>-</b> ф	ل	ب	
Characteris	stics					
Free flow		NI/min	Depending on orifice	30	200	_
Orifice diamet	er	mm	Depending on orifice	0 → 0.5	0 → 1.7	_
Operating pres	ssure	bars	1 → 8	1 → 8	2 → 8	<del>_</del>
Timing		S	<del>_</del>	_	<del>_</del>	10 → 60
Capacity		cm <sup>3</sup>		_	_	30
Commontion	Sub-base page 4/14-4/15		<del>_</del>	•	•	<del>_</del>
Connection	Push-in connection for semi- rigid tubing (NFE 49100)	mm	Ø 4	_	<del>_</del>	Ø 4
Operating tem	perature	°C	-5 → +50	-5 → +50	-5 → +50	-5 → +50
Weight		а	8	60	70	40

#### Connections

- For timing circuit

- One-way flow restrictor 81 525 1 81 529 0 (1)
   Reservoir 79 458 018 (2)
   Relay element 81 503 0 81 506 0 (3) page 4/6-4/7 Sub-base page 4/14-4/15

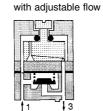


81 526 001

#### Principle of operation

One-way

with fixed flow



79 452 808

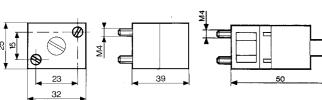
One-way

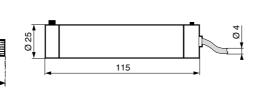


#### **Dimensions** 81 529

81 525 101







ATEX version products are available in the following catologues: Pneumatic products for explosive atmospheres or on our website www.crouzet.com

#### **Regulator accessories**

Also available in ATEX version for use in poten-

tially explosive atmospheres in accordance with





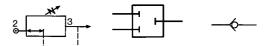


Dar	t n	 nh	ere

94/9/EC Directive

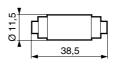
Mini-détenteur Plug element 81 529 901 In-line non-return

#### Symbol

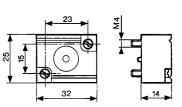


Characteris	stics				
Operating pres	ssure	bars	2 → 8	_	2 → 8
Flow at 6 bars		NI/min	200	_	200
Adjustable out	put pressure	bar	0,1 → 8		
Connection Sub-base			•	•	
Connection	Push-in connection for semi- rigid tubing (NFE 49100)	mm			Ø 4
Weight		g	150	70	70

#### Dimensions 81 529 901







#### **Sub-bases for logic elements**





⟨£ <sub>x</sub> ⟩	
	94/9/EC Directive

	81 532
Two-hand start module	
Manostats - vacuostats	
Leak sensor and amplifier relays	
Logic elements AND Timers	
Regulator accessories	
Memory element	
Operating temperature °C	-5 → +5
Electro-pneumatic miniature solenoid	
ND. The mumber indicates the number of seminar	

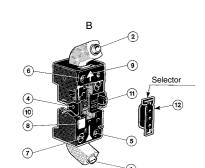
81 532 102	l
● 1	
● 1	
● 1	
• 1	
• 1	
_	
-5 → +50	
• 1	

#### NB: The number indicates the number of components mounted on the sub-base 1

Characteristics				
Push-in connection for semi-rigid tubing Ø 4 mm (NFE 49100)		rotatable	rotatable	
Fixation		DIN rail 35 mm	DIN rail 35 mm	
Weight	g	56	52	

#### Connections elements and relays

# Front connecting

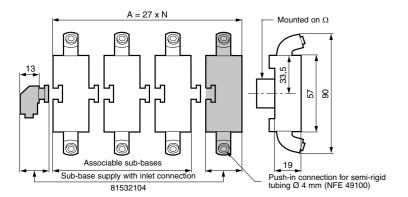


- A Single sub-base or end base
- B Associable sub-base
- 1 Input port (green port 1)
- 2 Output port (red port 3)
- 3 Input/supply port (yellow port 2) Ø 4
- 4 Input port integral to sub-base
- 5 Input indicator (green)
- 6 Output indicator (red)
- 7 1/4 turn screws 8 - Marking tag
- 9 Arrow indicating flow direction
- 10 Mounting tongue
- 11 Mounting groove
- 12 Selector

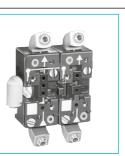
#### Dimensions

81 532 104

3 x 81532102



ATEX version products are available in the following catologues: Pneumatic products for explosive atmospheres or on our website www.crouzet.com





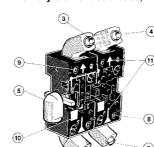


	81 542 002	81 532 001	81 531 001
Two-hand start module	<u> </u>	● 1	● 2
Manostats - vacuostats	_	● 1	● 2
Leak sensor and amplifier relays	<u> </u>	• 1	<b>●</b> 2
Logic elements AND Timers	<u> </u>	● 1	● 2
Regulator accessories		<b>●</b> 1	● 2
Memory element	● 1	<u> </u>	• 1
Operating temperature °C	-5 → +50	-5 → +50	-5 → +50
Electro-pneumatic miniature solenoid	<u> </u>	● 1	● 2

Caractéristiques				
Push-in connection for semi-rigid tubing Ø 4 mm (NFE 49100)		rotatable	rear	rear
Fixation		DIN rail 35 mm	2 M4 screws	Clips for rails Ø 8 mm
Weight	g	95	10	35

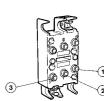
#### Memory element sub-base, front and rear connecting

| WWW.CROUZET-CONTROL.COM



- 1 Input port X1 (green port 1) 2 - Input port X0 (green port 1)
- 3 Output port X (red port 3)
- 4 Output port X (red port 3)
- 5 Supply port (brass port 2) 7 - 1/4 turn screws
- 8 Input indicator
- 9 Output indicator
- 10 Marking tag
- 8 11 Arrow indicating the flow direction

#### Rear connection



The modular system elements are fixed with two screws on the sub-base.

A locating device on each logic element pre-

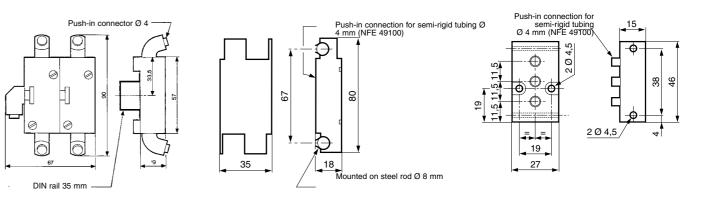
The logic element is connected via the sub-base. This sub-base has 3 instant connections for connecting semi-rigid tubes with outer  $\emptyset$  4.

- 1 Input signal
- 2 Signal port for passive logic elements, air supply for active logic elements.
- 3 Output signal

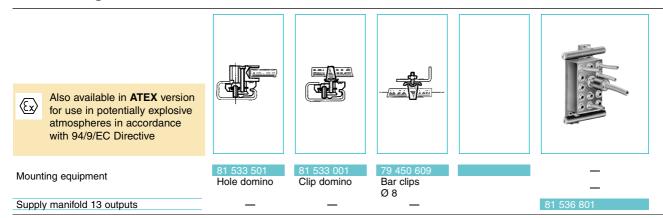
81 542 002 (for memory 81523201/601)

81 531 001

81 532 001

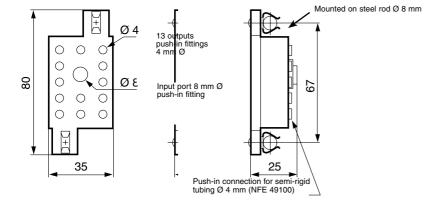


#### **Mounting accessories**



Characteristics					
Weight (g)		8	4	80	80
		For mounting on the end of a zinc-coated mild steel rod Ø 8 mm on an asymmetrical DIN rail	For adjustable mounting on a zinc-coated mild steel rod Ø 8 mm on an asymmetrical DIN rail	Packet of 100 pieces	
Operating temperature	°C	-5 → +50	-5 → +50	-5 → +50	-5 → +50

Dimensions 81 536 804



#### Other information

Use Weidmuller plastic labels for marking components part number FW 4734-6.