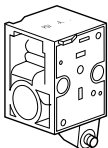


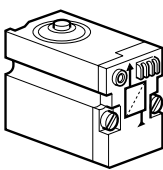
Additional step module interlock

Type	Symbol	Logic function	Connection ⁽¹⁾ connection	Weight kg	Order code
		May be mounted between the sub-base and the step module to interrupt the sequence if a sensor is found to be faulty	Ø4 mm Swivel push-in	0,045	PSV-A12 *

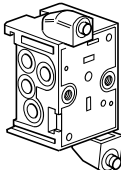
(1) For other type of connections contact Technical Sales Department

Step module without sub-base

To be used with PSB-A12 sub-bases

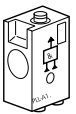
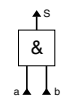
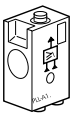
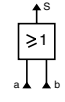
Type	Symbol	Logic function	Description	Weight kg	Order code
		Visual indication of pneumatic output	With manual override	0,135	PSM-A10 *
			Without manual override	0,130	PSM-B10

Step module sub-base

Type	Description	Connection ⁽¹⁾	Weight kg	Order code
	Sub-base	Ø4 mm Swivel push-in	0,040	PSB-A12

(1) For other type of connections contact technical sales Technical Sales Department

Main data for Line mounted elements

Type	Symbol	Logic function	Description	Connection	Weight kg	Order code
		AND	Single module	Ø4 mm Straight push-in	0,07	PLL-A11 *
		OR	Single module	Ø4 mm Straight push-in	0,07	PLK-A11 *
		Screw and clip assembly	Enables line mounted logic elements to be attached to DIN rail (Sold per pack of 10)		0,02	PZM-L199

* ATEX version available Order code example : **PSV-A12-EX**

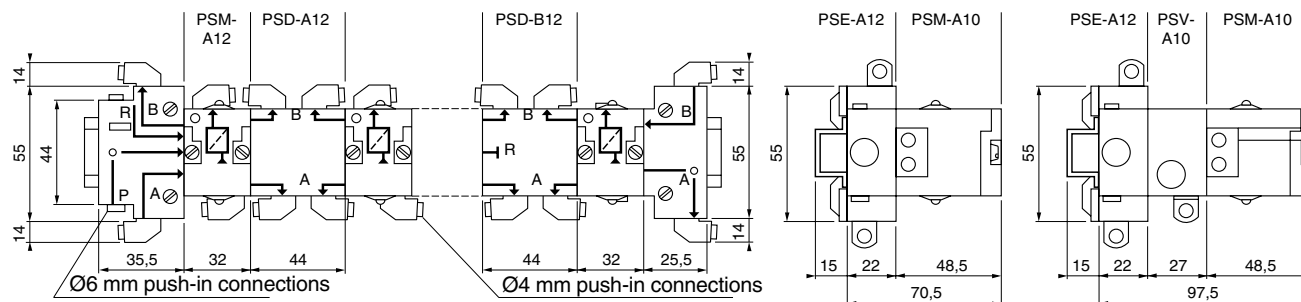
Base usage - Shows which components can be mounted with which base types

Element	Order code	Type	2-Port	3-Port	4-Port	6-Port
		Stacking		PZU-A12	PZU-B12	PSA-B12
		Stacking		PZU-C12		
		Inline	BNC3P20	BNC3P10		
		Inline	BPB3P20	BPB3P10		
Step Module						
Step Module with Overrides	PSM-A10					X
Step Module without Override	PSM-B10					X
Logic						
AND	PLL-C10			X		
OR	PLK-C10			X		
YES	PLJ-C10			X		
NO	PLN-C10			X		
Threshold NOT	PLN-D10			X		
Relays						
Sensor	PRF-A10			X		
Solenoid	PRS-A10		X	X		
Electric Pressure Switch	PRE-A10			X	X	
E/P Pressure Switch	LNOTPS10			X		
Electric Pressure switch	LPS10		X	X		
Vacuum / Electric	LPSV10		X	X		
Timers						
Timer (NNP) Relay	PRT-A10		X*	X		
Timer (NNP) Relay	PRT-B10		X*	X		
Timer (NNP) Relay	PRT-E10		X*	X		
Timer (NNP) Relay	PRT-C10		X*	X		
Timer (NNP) Relay	PRT-D10		X*	X		
Timer (NNP) Relay	PRT-F10		X*	X		
Other Relays						
Memory Relay	PLM-A10			X	X	
Amplifier Relay	PRD-A10			X	X	

* Functionality must be checked.

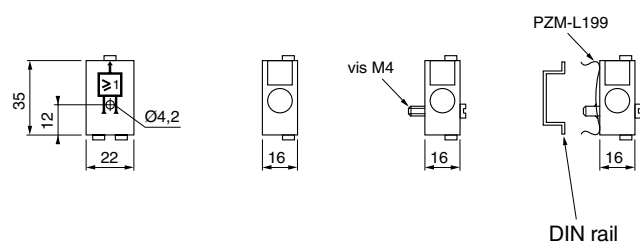
Dimensions, Logic processing

Modular sequencer



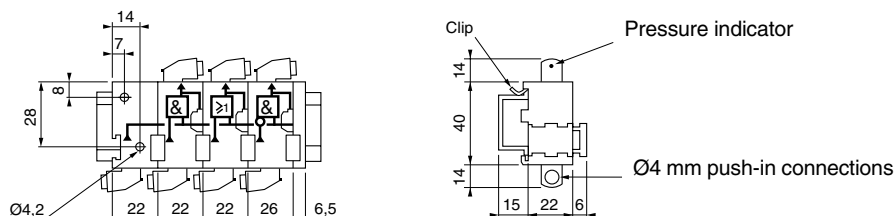
Line mounted logic elements

PLL-A11 and PLK-A11



Combinable logic elements

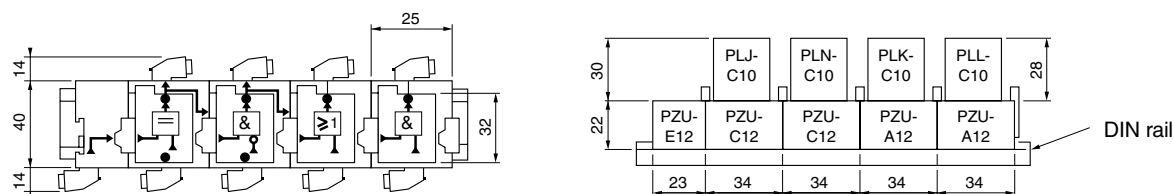
PLE-B12 — PLL-B12 — PLK-B12 and PLN-B12



Logic elements mounted on 3-port modular sub-bases

PZU-E12

PLJ-C10 — PLN-C10 — PLK-C10 and PLL-C10 mounted on PZU-C12 and PZU-A12



PDE Information Bulletin

Product Group:	Actuators	Valves	Air Treatment	Factory Automation	Other Products
Title:	Logic processing: ATEX Certified Components				
Catalogue:					
Date of Issue:	September 14 2005				
Bulletin No:	01-05				

You will find, hereafter the new ATEX logic components Part Numbers, Interco & European List Price.

Part Number	Description				
PLE-B12-EX	Input module & blanking plate set				
PLJ-C10-EX	"YES" element subbase mounting				
PLK-A11-EX	"OR" element line mounted				
PLK-B12-EX	"OR" combinable element				
PLK-C10-EX	"OR" element subbase mounting				
PLL-A11-EX	"AND" element line mounted				
PLL-B12-EX	"AND" combinable element				
PLL-C10-EX	"AND" element subbase mounting				
PLM-A10-EX	Memory relay without sub base				
PLN-B12-EX	"NOT" combinable element				
PLN-C10-EX	"NOT" element subbase mounting std				
PLN-D10-EX	"NOT" element subbase mounting threshold				
PRD-A10-EX	Amplifier relay without sub base				
PRF-A10-EX	Sensor relay without sub base				
PRS-D10-EX	Coil mounting				
PRT-A10-EX	"YES" timer relay 0,1 to 30s				
PRT-B10-EX	"YES" timer relay 10 to 180s				
PRT-C10-EX	"Negative" timer relay 0,1 to 30s				
PRT-D10-EX	"Negative" timer relay 10 to 180s				
PRT-E10-EX	"YES" timer relay 0,1 to 3s				
PRT-F10-EX	"Negative" timer relay 0,1 to 3s				
PSB-A12-EX	Step module sub base				
PSD-A12-EX	Deviation module				
PSD-B12-EX	Derivation module reinitialization last step				
PSE-A12-EX	Head & tail module				
PSM-A10-EX	Step module				
PSV-A12-EX	Step module interlock				
PZU-A12-EX	Common input 3 port subbase				
PZU-B12-EX	Common input 4 port subbase				
PZU-C12-EX	Cascade 3 ports subbase				
PZU-E12-EX	Input module				

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