


Stager TUYA Digit double

for double filter systems, alternating, **including programmer.**

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	<p>TUYA digit double:</p> <p>commands the single effect membrane chamber with spring return. The pilot distributor has its own <u>inner program</u> (it does not need a controller or PLC).</p> <p>Connecting for six membrane chamber, six programmable phase pilot (5 phase of the regeneration).</p> <p>Functions:</p> <ul style="list-style-type: none">- volumetric- temporized or- with external signal (analyzer, pressure switch) <p>With daily inner timer.</p>
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Output relays (n.o. / n.c.):

REL1: additional programme no. 1 (activation before, during or after regeneration – duration programmable)

REL2: second additional program no. 2 programmable (as above)

REL3: general alarm or impulse dosage (only with water meter)

REL4: exercise valve filter 1 (add solenoid valve) or a contact during the supply of the treated water and a contact during regeneration

REL5: exercise valve filter 2 (as above)

Analogic output:

4 – 20 mA: operation signal of the plant double filter and general alarm

Entries(n.o.):

WM: Pulse water meter

IN1: Stop remote regeneration (stop a regeneration into force)

IN2: Start regeneration or stop (block the start of a regeneration)

IN3: Opening/closing exercise remote valve

Examples of use: close the treated water supply in case of storage tank full

IN4: Hold regeneration

Examples of use: stop the regeneration where it is as long as the contact part (example: wash the softening as long as the conductivity of the discharge falls within the expected range, wash the filter as long as the turbidity falls within the expected value)

TUYA digit double n.o.	24V 50-60Hz	290520
	230/24V 50-60Hz	290521
TUYA digit double n.c.	24V 50-60Hz	290530
	230/24V 50-60Hz	290531
Fittings set	Water/air	2 x 290405

Technical data

Mains connection:	24 Volt 50-60Hz or 230/24V 50-60Hz		
Control performance absorption:	2,5 VA		
Switching time:	10 seconds		
Protection class:	IP 54		
Phase to phase switching:	with voltage (240V max. load)		
	without voltage (5V max. load)		
	alternating or pulse switching		
Synchronization:	included in the scope of the delivery		
Output relays:	5 contacts n.o/n.c		
	potential-free max. 250V 2A 250 VA initial load		
Control panel:	air or water (out of foreign bodies)		
Maximum pressure:	8 bar		
Weight:	5,8 kg		
Dimensions:	large 400, height 390, depth 130 mm, leave space on the left 50 mm		
Relay output:	5, contacts n.o./n.c.		
	Additional program 1 and 2		
	Alarm		
	Operating valve nr. 1 and nr. 2		
	Without potential, max. 250V 1,5A 250VA initial load (*)		
	(*) with 230 / 24V 50-60Hz transformer do not exceed the maximum load of 15VA		
Analogic output:	4-20mA divided galvanically (maximum load. 250 ohm)		
Entries:	5 n.o.		
	Regeneration stop		
	Start or Stop regeneration		
	Operating valve		
	Regeneration		
Noise filter:	Included (type EMI)		
Internal transformer:	9-12V 50-60Hz		
Internal motor voltage:	12V 50-60Hz		
Regeneration counting:	Included		
Certifications::	CE and RoHS		
Materials:			
Rotary valve:	stainless steel	Rubber seal:	rubber
Adjustment fuse.	stainless steel	Rings:	perbutan
Spring:	stainless steel	Box:	PC Polycarbonate
Teflon seal:	teflon		

