



Hot runner controller for up to 12 zones

All essential hot runner controller functions inclusive

Auto tuning, soft start, current display, control performance... all your required necessary basic functions are available and very easy to operate.

Ease of operation

Set point entry for example can be done by one keystroke only. This allows an easy operation without previous knowledge and prevents faulty operation.

Three-colored LCD display

In case of disturbance alarms are visible at first sight.

Easy maintenance

Easy controller and fuse exchange without special knowledge and tools. So operating personal could quickly find a remedy and downtime is reduced extremely.

Your individual econ-trol

econ-trol can easily be configured on Internet and you receive your quotation in between one work day.

www.econ-trol.com



Our Standards ...

Technical data

Temperature controller	Micro processor controlled single loop controller with automatic control system adaptation				
Format	48 x 48 mm plug-in module				
Display	2 x four-digit 7 segment LED display, actual value with color change				
Sensor inputs	Thermocouple TC: Fe/CuNi Type J Temperature range: 0...800 C° (switchable to °F)				
Power outputs	90 - 264 VAC / max. 3.6 KW, switching by Solid State Relay 25A Fused by a very fast acting safety fuse FF 16 A, 6.3 x 32mm on front side Outputs individually switchable				
Connection of hot runner mold XA1...	Plug: brand Wieland, pin assignment: PSG Standard Different types of connections or pin assignment on request				
Signal plug XM1	Potential-free relay contact 250VDC/5A				
Mains supply	90...264 VAC +10...-10%, 50...60 Hz		380...400 VAC +10...-10%, 50...60 Hz		
Mains supply	econ-trol 02	econ-trol 04	econ-trol 06	econ-trol 08	econ-trol 12
Standard series	1P / N / PE	3P / N / PE	3P / N / PE	3P / N / PE	3P / N / PE
Control fuse	Safety fuse MT 4 A on rear side				
Electrical security	Protection class I				
Protection type	Housing and terminal IP 20				
Housing	Sheet steel ST37 1.5mm; color RAL 3002 (carmine), RAL 7001 (silver-gray)				
Ambient temperature limit	Operation: 0...55 °C, transport, storage: -20...70 °C, operation limit: 0...60 °C				
Atmospheric humidity limit	Average relative atmospheric humidity < 75 % per year, no condensation				
CE marking	The device complies with the European Directives for electromagnetic compatibility and low voltages.				

Standard Series	econ-trol 02	econ-trol 04	econ-trol 06	econ-trol 08	econ-trol 12
Order number	041 502 00	041 504 00	041 506 00	041 508-00	041 512 00
Number of zones	2	4	6	8	12
Plug for hot runner mold	1 x 10 pole	1 x 16 pole	1 x 24 pole	2 x 24 pole	2 x 24 pole
Power supply (3m)	Safety plug 16A	CEE 16A	CEE 16A	CEE 32A	CEE 32A
Maximum power output [KW]	~ 3.6	11	11	22	22
Weight [kg]	~ 4	~ 6	~ 10	~ 12	~ 15
Dimensions WxHxD [mm] incl. handle, foot	242x132.5x270	315x197x300	445x197x370	445x197x370	575x197x370

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