

Metronix | Cooper Tools Servo Positioning Controller ARS-310/5



single phase 230v/ 7 Amps input

Rating: Not Rated Yet

Price

[Ask a question about this product](#)

Description Servo positioning controller ARS-310/xx | Metronix Meßgeräte und Elektronik GmbH Metronix Servo Positioning Controller ARS-310/5 | Metronix Servo Drive | Cooper tools ARS-310/5, ARS3105, Servoregler Profibus Servo positioning controller ARS-310/xx | Metronix ARS 310/5 ; ARS 310; ARS3105 ; ARS 310S; Servoregler Profibus ARS-310/5 Metronix ARS 3105 ; ARS-310/5 ; ARS3105 Servoregler Profibus RDC12 Winkelgeber METRONIX ARS310/5 | ARS-3105 Prozessor 20 MHz | Flash 512K | Software: ARS__R.O 8E 4.3 | ARS__R.O 8F 1.3 | Input: 1*230V AC , 7 A(50...60 Hz) | Output: (0....1000) HZ Winkelgeber: ROC16 | Angle encoder: ROC16 | Technologiesteckplatz ; Profibus | Technology slot; Profibus This Item is In Our OWN Stock@Ajman near Dubai in United Arab Emirates. "

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Why Buy From Us?

- Ready stock in Dubai (UAE)
- Same day dispatch on available items
- Worldwide shipping (Express options)
- Technical support & troubleshooting assistance
- Field service support available
- Trusted industrial supplier since 2003

Frequently Asked Questions

Is this Typ 33.8203_E ; Id.-Nr.00356373 available in stock?

Yes. This ARS-310/5 is currently Ready Stock in Dubai.

Do you ship internationally?

Yes. We Stock and ship Metronics worldwide with express courier options.

Can you support installation or troubleshooting?

Yes. Technical support and field service options are available for ARS-310/5 upon request.

Can I get equivalent or upgraded model?

Yes. Contact us for compatibility verification and Metronics Typ 33.8203_E ; Id.-Nr.00356373 upgrade options.

Are there any restrictions on using multiple discount codes for a single order?

Yes. The use of multiple discount codes for a single order may be subject to certain restrictions. Please refer to the terms and conditions of the discount codes or contact our customer service team for more information.

Can I cancel or modify an order after it has been placed?

Yes. We understand that circumstances may change, and you may need to cancel or modify an order. Please contact our customer service as soon as possible with your order details, and we will assist you based on the order status and feasibility.

Can I return or exchange a product if I'm not satisfied?

Yes, we have a hassle-free return and exchange policy. If you're not satisfied with your purchase, you can return the product within a specified timeframe and receive a refund or exchange based on the terms and conditions.

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Metronics ARS-310/5 | servo positioning controller ARS-310/xx | Datasheet available- We can do interfacing of this with Most systems | Dubai Stock | Worldwide Shipping - Delivery to USA 2-3 Days

Metronics ARS-310/5 servo positioning controller ARS-310/xx. Ready Stock in Dubai with Worldwide Shipping - Delivery to USA 2-3 Days .

Quick Specs

- Model: Typ 33.8203_E ; Id.-Nr.00356373
- OEM Part No: ARS-310/5
- Installation design: We can send engineer to design installation of this on New machines, or Improve Mounting on Old Failure prone systems: We have all Electrical Data sheet|Programming Data | Mechanical drawings available
- Signal Checking | Health check service for Metronics_ Motor drive_ servo positioning controller ARS-310/xx
- Get your machine started right away: Replace Obsolete Servo Amplifiers | Motor Encoders with New/ Equivalent : buy from stock

Key_Electrical / Interface Specification Data

- > : Metronix
- > : Datasheet available- We can do interfacing of this with Most systems
- > : Pin?out information available. We provide service for Wiring & Installation
- > : Output Signal Connection details available- we can wire it to Most Encoder evaluation modules, Drives, Monitors & Controllers
- > : Power Requirement & Connections available - We Provide consultancy services for Wiring for Compliance with Standards

Key_Mechanical Specification Data

- :: We can send engineer to design installation of this on New machines, or Improve Mounting on Old Failure prone systems: We have all

Electrical Data sheet|Programming Data | Mechanical drawings available

- :::: We can troubleshoot Mechanical installation of this encoder to find root cause of Frequent failure of this , We have Mounting details available
- :::: If you need to connect it , We Can design & Supply adaptations, We have Shaft and flange specifications available
- :::: We can provide Guidance | Services for Usage of this as per the Application area, Operating context of User, We have complete Datasheets that include Recommended Ambient Conditions
- :::: Consultancy for Assessment of Application suitability, upgrade of System available

Key Performance Specifications

- Model: servo positioning controller ARS-310/xx
- OEM Part No: Typ 33.8203_E ; Id.-Nr.00356373
- ? : Pin?out information available. We provide service for Wiring & Installation
- ? : Signal Testing Equipment & Procedure available - to help in troubleshooting, establish failure, condition monitoring for Predictive maintenance

Salient Features

Replace Obsolete Servo Amplifiers | Motor Enoders with New/ Equivalent : buy from stock

Applications

Common Field of Applications: Measurement of absolute position in various machines and systems such as wind power and solar plants, material handling equipment, textile machines, packaging plants, rollers, port facilities, printing machine, Motion Control Feedback, Conveyors, Elevator Controls, Machine Control, Food Processing, Process Controls, Robotics, Material Handling, Textile Machines

Also searched as: ARS310/5 Metronix Meßgeräte und Elektronik GmbH, Lenze Typ 338203E ; Id.-Nr.356373, Cooper Tools ARS-310/5, Cooper Tools ARS310/5, Cooper Tools ARS3105, Cooper Tools ARS 3105

We come to you : Field Service visit for Automated Machinery Users in GCC

- ? Field Service for Troubleshooting of Encoder Faults, Servo Errors, Signal health for : Metronix Cooper Tools ARS-310/5
- ? Field Service for Diagnosing the Errors & Taking Corrective Steps for fixing interfacing, Parameterisation errors: Metronix Cooper Tools ARS310/5
- ? Field Service Visit for Evaluating the possibility of Modification of Mechanical Arrangment |Installing Upgraded version for : Metronix Cooper Tools ARS3105
- ? We Provide Same Day Field Service to Users in UAE - Abudhabi, Dubai, Sharjah, Ras Al Khaima, UmmAlQuain, Fujairah Oman, Bahrain, Qatar, Kuwait (NextDay) Saudi Arabia (per Visa availability) Indian Subcontinent (5-7Days) for : Metronix Cooper Tools ARS 3105

Send the unit to Our Workshop-for Evaluation | Repair | Programming

- ? Parameterisation Services available for : Metronix Typ 33.8203_E ; Id.-Nr.00356373
- ? Send your Failed unit for Evaluation of Repair Cost of Power board & Controller; We have prior experience in repairs of PCB level for : Metronix ARS-310/5
- ? Order installation of this on your machine: Metronix Cooper Tools ARS-310/5
- ? Contact us for Ordering Custom made Program for : Metronix Cooper Tools ARS310/5
- ? Contact us for Ordering Cable for Connecting this unit : Metronix Cooper Tools ARS3105
- ? We supply Worldwide - USA, Europe (3-4 Days), Oman (NextDay), Bahrain, Qatar, Kuwait, Saudi Arabia (2-3days) Indian Subcontinent (5-7Days) : Metronix Cooper Tools ARS 3105

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Metronix ARS 310/5

ARS-310/5
Prozessor 20 MHz
Flash 512K
Software: ARS__R.O 8E
4.3
Input: 1*230V AC , 7 Amps(50...60 Hz)
Output: (0...1000) HZ
Winkelgeber: ROC16
Technologiesteckplatz ; Profibus

----- The single-phase supply type ARS-310/5 (UL) are designed for connection to the 230VAC mains. The servo positioning controller ARS-310/10 is equipped with an symetrical 3-phase power input, which needs to be connected to a 230VAC 3-phase power supply. All servo positioning controller ARS-310/xx series devices have the following features: TM Space-saving compact design, directly cascadable TM High quality of control due to extremely high-quality sensor technology, far superior to conventional market standards, and better than average computer resources TM Complete integration of all components for controller and power module including RS232 interface for PC communication, CAN interface for the integration into automation systems TM Insertabel encoder modules for evaluation for the following encoders: - Resolver - Incremental encoder with commutation signals - High-resolution Stegmann incremental encoders, absolute encoders with Hiperface - High-resolution Heidenhain incremental encoders, absolute encoders with EnDat TM Compliance with current CE and EN standards without additional external measures TM UL certification (exclusive for the ARS-310/5 (UL)) TM Completely closed, EMC-optimized metal housing for mounting to conventional control cabinet plates. All devices comply with the IP20 system of protection. TM Integration of all filters to fulfill the EMC regulations (industrial) inside the device, e.g. line filter, motor output filter, filter for 24V-supply as well as inputs and outputs TM Integrated brake resistor. External resistors can be connected to the ARS-310/5 (UL) for higher braking energies. TM Complete galvanic separation of controller and power output stage as per EN50178. Galvanic separation of the 24V potential area with the digital inputs and outputs, analog electronics and the controller electronics. TM Operation as speed controller, torque controller or positioning controller TM Integrated positioning control with wide range of functions as per CAN in Automation (CiA) DSP402 and numerous additional application-specific functions TM Jerk limit or time-optimal positioning relative or absolute to a point of reference TM Point-to-point positioning with or without active positioning profile TM Speed and angle synchronisation with electronic gear system via incremental encoder input TM Extensive modes of operation for synchronisation TM Various methods for homing TM Short cycle times, bandwidth in current control circuit ca. 2 kHz, in speed control circuit ca. 500Hz. TM Integrated soft PLC with MDC (Metronix Drive Control) for customized function changes and extensions TM Freely programmable I/O's TM User-friendly parameterisation with the parameterising tool WMemoc TM Menu-driven first set up TM Automatic motor identification TM Easy coupling to host controller, e.g. to a PLC via I/O level or fieldbus TM Technology slot for extensions, e.g. a fieldbus interface-

Why Buy From Instock Spares?

- Dubai / UAE based industrial automation spare parts supplier
- Ready stock on many listed items, subject to prior sale
- Same-day dispatch available on confirmed stock items
- Worldwide shipping with express courier options
- Technical support and troubleshooting assistance available
- Field service support available on request
- Trusted industrial supplier since 2003

Frequently Asked Questions

Is this item available in stock?

Many listed items are available from Dubai / UAE stock. Availability is subject to prior sale, so please contact us by WhatsApp, phone, or email to confirm current stock before ordering.

Do you ship internationally?

Yes. We stock and ship industrial automation spare parts worldwide using express courier options.

Can you support installation or troubleshooting?

Yes. Technical support and field service options are available for purchased items upon request.

Can I get an equivalent or upgraded model?

Yes. Contact us with your part number, machine details, or photos, and we will help check compatibility, replacement options, or upgraded models.

Can I cancel or modify an order after it has been placed?

Yes, where possible. Please contact us as soon as possible with your order details. We will assist based on the order status, packing status, and shipment status.

Can I return or exchange a product?

Returns or exchanges may be possible depending on the product type, condition, and order terms. Please review our return policy or contact our team before ordering if you need confirmation.