



Controllers, Drives and Automation

"Easy to use" solutions for thermoregulation

CD Automation was founded in 1987 with the clear strategy of becoming a leading supplier of quality industrial automation products to the Italian market. Key to this success was the formation of a sales team educated from a strong technical background. The philosophy was simple: provide product & application experts able to work in partnership with customer to find the right solution.

CD Automation offers a wide range of products among the most sophisticated in the world for loads up to 3000kW in single-phase, two-phase and three-phase, such as SCR Power Controller. A technical excellence due to the know-how of our R & D sector.



www.cdautomation.com

Models such as REVO PC and PN allow you to manage the maximum power peaks of the system, keeping it below the contractual limits to minimize costs and avoid the payment of any penalties.

Another flagship of CD Automation are the partnerships with West (Fortive) and Fuji Electric for the distribution and support of industrial temperature controllers. The two brands allow CD Automation to cover market areas ranging from panel temperature controllers to multizone controllers equipped with the latest fieldbuses.

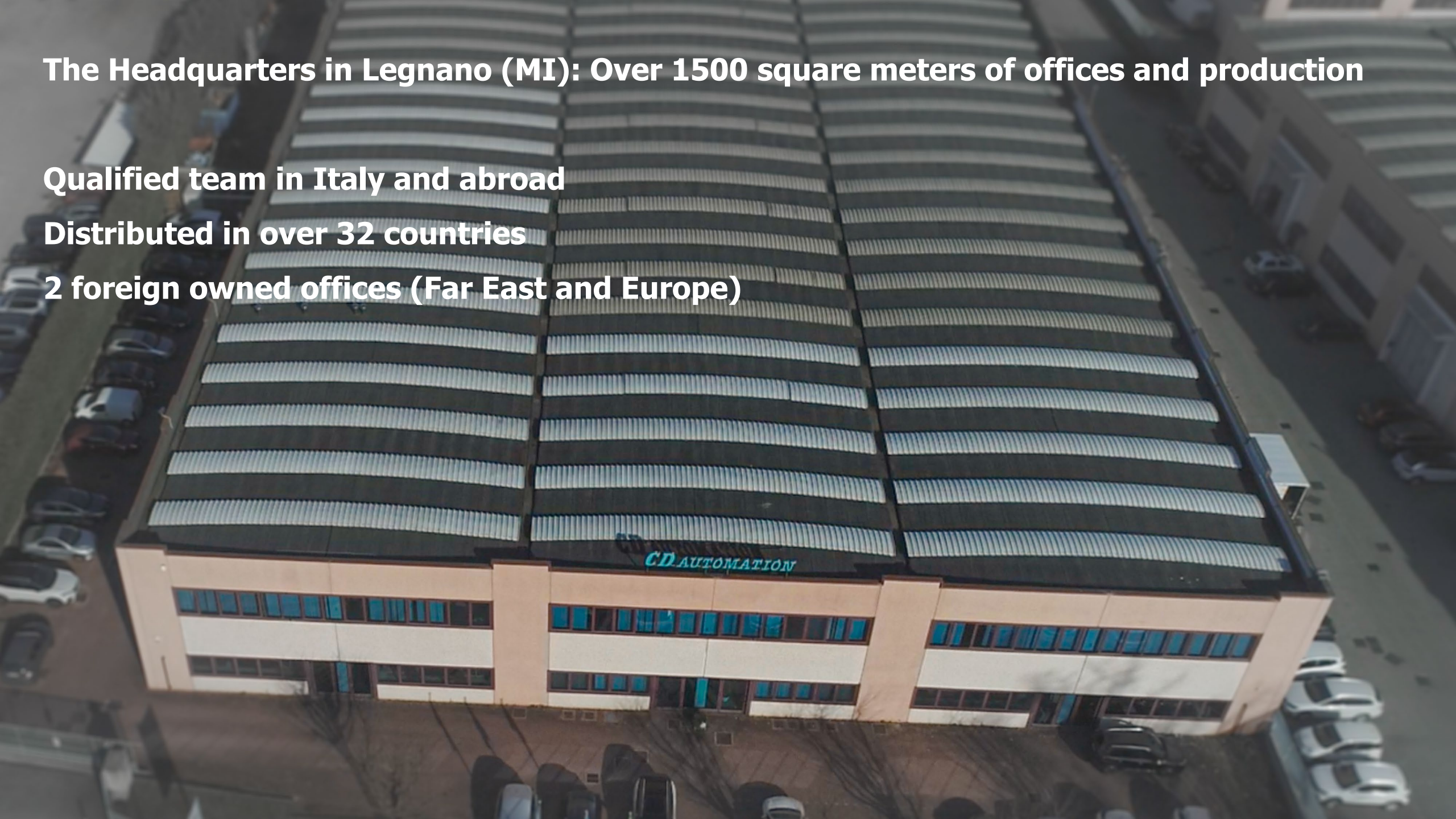


The Headquarters in Legnano (MI): Over 1500 square meters of offices and production

Qualified team in Italy and abroad

Distributed in over 32 countries

2 foreign owned offices (Far East and Europe)





Our Products

30 years of innovation

The CD Automation SCR modular system consists of a products line that have been tested for thirty years now, which has given installers the ability to customize any type of system.

The range includes various SCR lines in single-phase, bi-phase, and three-phase versions to ensure maximum versatility.



30 years of innovation

The units can be connected with other devices, PLC, HMI, etc, with the most popular communication systems on the market: Modbus, Profibus, Profinet, Ethernet



SCR Product line

REVEX

BUILD IT IN 13 VERSIONS

The REVO on demand
Innovation in Power Control



REVO C

THE CONNECTING UNIT

High reliability universal power
regulator from 30A to 2100A



REVO S

THE THYRISTOR EVOLUTION

Static relay from 3,5 to 800A



CD3000S

1-2-3PH



REVO PN

POWER NETWORK

REVO PC

POWER CONTROLLER

Multi-channel power controllers



SCR Product line

REVO RT
MULTIZONE TEMPERATURE CONTROLLER



Multizone
Temperature Controller

REVO TH
MULTIZONE POWER CONTROLLER



Multizone
Power Controller

REVO PB
REVO PN BASIC



REVO PN Basic

REVEX PA



Three-phase controller
in phase angle



Complete solution for industrial temperature control

CD Automation offers a wide range of products among the most sophisticated in the world for loads up to 3000kW in single-phase, two-phase and three-phase, such as SCR Power Controller, Solid state relay and temperature controller.

SCR Power Controller

CD Automation is an European manufacturer of SCR power regulators (thyristors), is the choice to realize the best solution to satisfy the market request. We have the right solution for all kind of loads single or three phase, constant or variable resistance or inductive.

The current range starts from 3A up to 2100A with maximum voltages up to 690V, many different sizes available. Our solution can drive: standard resistance, transformer, IR lamps, quartz lamps, UV lamps, MoSi₂, SiC.

The units can be connected with other devices, PLC, HMI, etc, with the most popular communication systems on the market: Modbus, Profibus, Profinet, Ethernet



Multi-channel Power controller with Energy saving

With the **Multi-channel Power controller REVO units** it's possible to reduce significantly power peaks below the contractual limits agreed with the energy supplier to avoid penalties and extra expenses. These units simplify the wirings and reduce space inside the cabinet and each branch can manage up to 24 channels equipped with field bus. REVO PN 25A model has the SCR units and fuses inside the unit.



REVO PC is an intelligent unit that drives REVO S static relays series. There are several types of soft start, which reduce the flickering event.

The units can be connected with other devices, PLC, HMI, etc, with the most popular communication systems on the market: Modbus, Profibus, Profinet, Ethernet

Thermoregulators and professional operator panels*

CD Automation offers a wide range of thermoregulators panel in a different sizes and categories.

Operator panels

Compact and custom solution for control and displaying in industrial processes.





Applications

Extrusion and injection lines



Laminated glass cutting

Steel heating treatment



Paper production

Oil & Gas



Solar cells production

Wood Finishing



Thermoforming of plastic components

SiC heaters

Glass curvature

MoSi2 heaters

IR heating for PET preforms

Infrared lamps



Embossing process



Quality Products and Services

Products

- UL approval for US market
- EAC approval (particular commercial agreements)
- $I_{cc}=100kA$
- Easy to install: the product arrives already configured for your applications
- Anodized aluminum heatsinks
- Communication with the most common protocols: Profinet, Profibus, Ethernet, ...
- Catalogs and Manuals of all our products available on our website, plus configurator software available free of charge

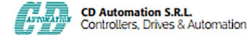
Service quality

- Team of sales engineers focused on core business products only
- Excellent pre-sales and after-sales services including engineering support
- Assistance for installers to choose the best solution
- Easy access to our design engineers when you need advice or a special performance project
- Remote assistance through team viewer on thyristor units

Certifications

Declaration of conformity - Dichiarazione di Conformità

PRODUCT MANUFACTURER / PRODUTTORE:



CD Automation S.R.L.
 Controllers, Drives & Automation
 Via Picasso, 34/36 - 20025 Legnano (MI) - Italy
 P.I. 08925720156 - Tel. +39 0331 577479 - Fax +39 0331 579479
 E-mail: info@cdautomation.com - Web: www.cdautomation.com

Declare that the product / Dichiaro che il prodotto:

PRODUCT DESCRIPTION: Electric power control
SCOPE OF APPLICATION: Thermal control process
DESCRIZIONE DEL PRODOTTO: Unità di controllo potenza elettrica
UTILIZZO: Controllo processi termici

FULFILLS THE REQUIREMENTS OF THE STANDARD:

Electrical safety Standard EN60947-1 :2007 + A1 2011, A2 2014
 EN60947-4 :2014
 Generic Emission standard EN60947-4 :2014 Group 1 Class A emissions
 Generic Immunity standard EN60947-4 :2014 Industrial Immunity

SODDISFA I REQUISITI DELLA NORMA:

Specifica di sicurezza EN60947-1 :2007 + A1 2011, A2 2014
 EN60947-4 :2014
 Specifica sulle emissioni EN60947-4 :2014 gruppo 1 emissioni classe A
 Specifica sulle Immunità EN60947-4 :2014 Immunità industriale

CDAutomation declares that The products above mentioned they are conforming to the directive
 CDAutomation dichiara che I prodotti sopra menzionati sono conformi alla direttiva
 Bassa Tensione (low Voltage) EMC directive updated 2014/30/EU,
 Low Voltage Directive updated 2014/35/EU

CD AUTOMATION s.r.l

Controllers, Drives & Automation

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Certificato di Conformità RoHS Declaration of Compliance with RoHS

La direttiva Europea 2011/65/EU limita l'utilizzo di alcune sostanze pericolose all'interno di apparecchiature elettriche ed elettroniche.
 The European Directive 2011/65/EU restricts the use of certain hazardous substances in electrical and electronics equipment.

La scrivente società CD AUTOMATION s.r.l. con sede a Legnano (MI) via P. Picasso n. 34/36, telefono 0331.577.479
 The undersigned company CD AUTOMATION s.r.l. based in Legnano (MI) via P. Picasso n. 34/36, phone +39.0331.577.479

DICHIARA DECLARES

che, a far data dall'entrata in vigore della presente normativa, i propri prodotti sono conformi alla direttiva RoHS 2011/65/EU,
 that, from the date of entry into force of this regulation, its products are RoHS 2011/65/EU compliant.

UL Product iQ™

NRNT7.E231578 - SWITCHES, INDUSTRIAL CONTROL CERTIFIED FOR CANADA

Switches, Industrial Control Certified for Canada

See General Information for Switches, Industrial Control Certified for Canada

CD AUTOMATION SRL
 Via P. Picasso 34/36
 20025 Legnano, MI ITALY

E231578

Investigated to CAN/CSA C22.2 No. 14-13

Model(s) Revo PC RPC, followed by 008 or 016 or 024 or 028 or 038 or 048, followed by 000 or 001 or 002 or 003 or 004 or 005 or 006, followed by 1 or 2 or 3 or 4 or 5 or 7, followed by 1, followed by two alphanumeric digits, followed by L, followed by one alphanumeric digit, followed by one alphanumeric digit.

Industrial Control Switches, "Control Module CD3x00y Series" Model(s) CD3 followed by 0, 2, followed by 00, may be followed by A, M, followed by 1 or 2 or 3 or 4 or 5 or 6, followed by four alphanumeric digits, followed by 0, followed by L, followed by two alphanumeric digits

Industrial Control Switches, "Revo size S11, S12, S13, S14" Model(s) RS2, RM2, RP2, RC2 followed by -300, -400, -450, -500, -600, -700, followed by -4, -6, followed by -1, -2, -3, -5, -6, followed by four alphanumeric digits, followed by 1 or 2 or 3, followed by L, followed by two alphanumeric digits

RS3, RM3, RP3, RC3 followed by -100, -125, -150, -225, -300, -350, -400, -450, -500, followed by -4, -6, followed by -1, -2, -3, -5, -6, followed by four alphanumeric digits, followed by 1 or 2 or 3, followed by L, followed by two alphanumeric digits

Industrial Control Switches Model(s) CD3000, CD3000, CD3000S, CD3000S 2X10

Revo R, followed by S or M or P or C, followed by 1 or 2 or 3 or L, followed by 030 or 035 or 040, followed by -, followed by 4 or 6, followed by 0 or 1 or 2 or 3 or 4 or 5 or 6, followed by four alphanumeric digits, followed by 0, followed by L, followed by two alphanumeric digits

Open type, Industrial, Solid state switches, "Revo, size SR12, SR13, SR14, SR15, SR16, SR17" Model(s) R, followed by S or M or P or C, followed by 1 or 2 or 3 or L, followed by 060 or 075 or 090 or 100 or 120 or 150 or 180 or 210, followed by -, followed by 4 or 6, followed by 0 or 1 or 2 or 3 or 4 or 5 or 6, followed by four alphanumeric digits, followed by 0 or 1 or 2 or 3, followed by L, followed by two alphanumeric digits

Solid state switches, "Revo size S11, S12, S13, S14" Model(s) RS1, RM1, RP1, RC1, followed by -300, -400, 500, 600, 700, followed by -4, -6, followed by -1, -2, -3, -5, -6, followed by four alphanumeric digits, followed by 1 or 2 or 3, followed by L, followed by two alphanumeric digits

Investigated to

Industrial Control Switches Model(s) CD3200 may be followed by -600, followed by -125A, -150A, -200A

CD3200 may be followed by -600, followed by -300A, -400A, -500A, -600A, -700A

MULTIDRIVE, may be followed by -600, followed by -300A, -400A, -500A, -600A, -700A, -100A, -125A, -150A, -225A

Trademark and/or Tradename: "E231578" 

Last Updated on 2019-04-30

UL Product iQ™

NRNT.E231578 - SWITCHES, INDUSTRIAL CONTROL

Switches, Industrial Control

See General Information for Switches, Industrial Control

CD AUTOMATION SRL
 Via P. Picasso 34/36
 20025 Legnano, MI ITALY

E231578

Trademark and/or Tradename: "E231578" 

Investigated to ANSI/UL 508

Model(s) Revo PC RPC, followed by 008 or 016 or 024 or 028 or 038 or 048, followed by 000 or 001 or 002 or 003 or 004 or 005 or 006, followed by 1 or 2 or 3 or 4 or 5 or 7, followed by 1, followed by two alphanumeric digits, followed by L, followed by one alphanumeric digit, followed by one alphanumeric digit.

Industrial Control Switches, "Control Module CD3x00y Series" Model(s) CD3 followed by 0, 2, followed by 00, may be followed by A, M, followed by 1 or 2 or 3 or 4 or 5 or 6, followed by four alphanumeric digits, followed by 0, followed by L, followed by two alphanumeric digits

Industrial Control Switches, "Revo size S11, S12, S13, S14" Model(s) RS2, RM2, RP2, RC2 followed by -300, -400, -450, -500, -600, -700, followed by -4, -6, followed by -1, -2, -3, -5, -6, followed by four alphanumeric digits, followed by 1 or 2 or 3, followed by L, followed by two alphanumeric digits

RS3, RM3, RP3, RC3 followed by -100, -125, -150, -225, -300, -350, -400, -450, -500, followed by -4, -6, followed by -1, -2, -3, -5, -6, followed by four alphanumeric digits, followed by 1 or 2 or 3, followed by L, followed by two alphanumeric digits

Industrial Control Switches Model(s) CD3000, CD3000, CD3000S, CD3000S 2X10

Revo R, followed by S or M or P or C, followed by 1 or 2 or 3 or L, followed by 030 or 035 or 040, followed by -, followed by 4 or 6, followed by 0 or 1 or 2 or 3 or 4 or 5 or 6, followed by four alphanumeric digits, followed by 0, followed by L, followed by two alphanumeric digits

Open type, Industrial, Solid state switches, "Revo, size SR12, SR13, SR14, SR15, SR16, SR17" Model(s) R, followed by S or M or P or C, followed by 1 or 2 or 3 or L, followed by 060 or 075 or 090 or 100 or 120 or 150 or 180 or 210, followed by -, followed by 4 or 6, followed by 0 or 1 or 2 or 3 or 4 or 5 or 6, followed by four alphanumeric digits, followed by 0 or 1 or 2 or 3, followed by L, followed by two alphanumeric digits

Solid state switches, "Revo size S11, S12, S13, S14" Model(s) RS1, RM1, RP1, RC1, followed by -300, -400, 500, 600, 700, followed by -4, -6, followed by -1, -2, -3, -5, -6, followed by four alphanumeric digits, followed by 1 or 2 or 3, followed by L, followed by two alphanumeric digits

Investigated to

Industrial Control Switches Model(s) CD3200 may be followed by -600, followed by -125A, -150A, -200A

CD3200 may be followed by -600, followed by -300A, -400A, -500A, -600A, -700A

MULTIDRIVE, may be followed by -600, followed by -300A, -400A, -500A, -600A, -700A, -100A, -125A, -150A, -225A

Trademark and/or Tradename: "E231578" 

EAC certificated products

ЕВРАЗИЙСКИЙ ЭКОНОМИЧЕСКИЙ СОЮЗ ДЕКЛАРАЦИЯ О СООТВЕТСТВИИ





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