









Newsletter April 2017



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Phaseo isolation & safety extra low voltage transformers



Phaseo single winding transformers ABL6

Input voltage:

- 230V AC (N-L1) Single-phase connection
- 400V AC (L1-L2) 2-phase connection

Operating temperature: 50°C

Output Voltage: 24V AC or 230V AC

Nominal power: 25VA – 2500VA

ABL6TS - -

02 : 25VA (*)

04 : 40VA

06 : 63VA

10 : 100VA

16 : 160VA

25 : 250VA

40 : 400VA

63 : 630VA

100 : 1000VA

160 : 1600VA (**)

250 : 2500VA (**)

B : 24V AC (output voltage)

U : 230V AC (output voltage)

e.g.: ABL6TS06B = 63VA transformer
with 24V AC voltage output

(*) Only available for 24V AC output

(**) Only available for 230V AC output

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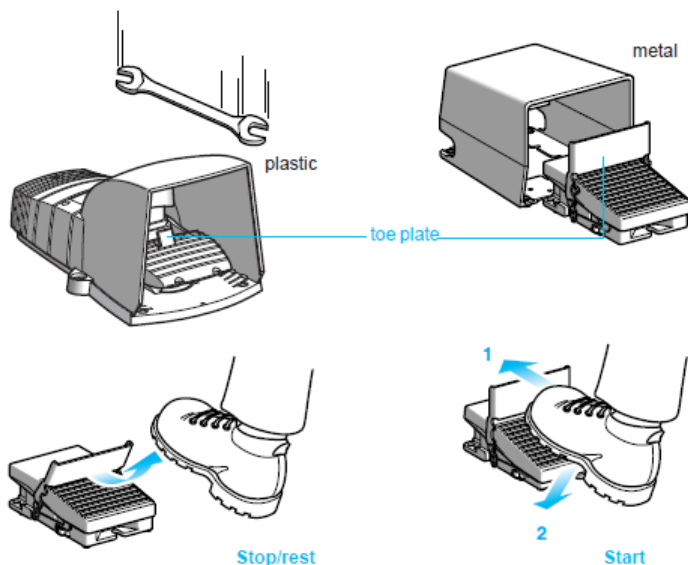
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Step into the world of safety dialogue



Harmony XPE foot switches

Foot switches type XPE are an ideal solution for providing start and stop instructions for many types of industrial machines, running in various operating modes: normal (pulsed) start, hold to run... The range comprises metal case foot switches (heavy duty, high risk) complying to very strict regulations, and plastic case foot switches (light duty, low risk). Harmony XPE is very easy to use and well known for its robustness in any application. Typical markets for XPE foot switches are material handling, material working and packaging. Download the [catalogue](#) now: [EN](#) / [FR](#)



The protective cover over the operating pedal avoids the risk of accidental operation, either by human action or by falling objects, which could result in unintentional starting of the machine.

A trigger mechanism (toe plate) enables locking of the pedal in the rest (released) position.

Positive action is required on the toe plate 1 before the pedal 2 can be depressed to start the machine.

On releasing the pedal to stop the machine, the trigger mechanism re-engages and locks the pedal in the rest position.

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Meet the new TeSys LR9D

New TeSys LR9D electronic overload relays provide motor safety tailored to your needs.

In today's world, we rely on electric motors to ensure the continuity of key processes. Choosing the right motor protection therefore affects not only your infrastructure, but also your overall business performance. New TeSys™ LR9D electronic overload relays from Schneider Electric provide advanced, flexible, and reliable protection to your motors.

Adaptable to diverse needs, they fit a wide range of applications, including pumping, HVAC, hoisting, material working, and packaging.

With the new relays from the TeSys LR9D range, you can provide reliable protection to your assets, improving both motor life and cost savings.

By incorporating multiple functionalities in a single space-saving design, the new relays simplify control architecture as well as selection and stocking of motor protection devices.



See how our new electronic overload relays suit your needs:

- Selectable trip class (5, 10, 20, 30) lets you set the desired level of protection
- 5:1 adjustment range makes new relays a natural choice for a wide range of applications, from 0,1 A to 110 A
- Ambient insensitivity allows accurate current measurement
- Close couple configuration reduces installation time and simplifies control architecture
- Compact size saves space in control panels
- Self-powered eliminates the need for an external power supply

Download the flyer of TeSys LR9D overload relays [here!](#)

Discover the specifications of LR9D in the TeSys [catalogue pages.](#)

TeSys LR9D electronic overload relays are compliant with the following certifications and standards: IEC, CCC, CSA, UL, TÜV



LR9D01 - LR9D32

LR9D110S

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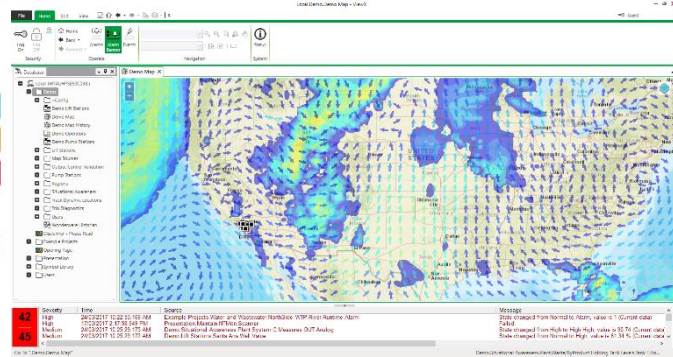


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ClearSCADA 2017

ClearSCADA 2017 is the optimized SCADA software for businesses in the industrial & critical infrastructure space who struggle with the operation, management and maintenance of their remote assets, and helps to improve the efficiency of their operations. It sports **ready-to-use telemetry features** optimized for managing remote assets spread across geographically dispersed infrastructure, including **integrated mapping & GIS capabilities**.



New features

- **Integrated maps from online or on-premise GIS sources**
 - Overlay of your assets' location and your mobile Operators' location
 - Overlay of real-time weather data
 - Location-based Alarms + route a notification to the right Operator
 - Calculate the straight-line distance between two assets
- **Centralized User Management**
 - Centrally manage users and permissions with Active Directory
 - New User Accounts created automatically on login
 - User permissions are refreshed on each login
- **Automated Control Validation**
 - Check whether a control sent to a device has been successful
 - Check that a device maintains a particular value
- **Expanded Device Integration**
 - Native support for the Lacroix Sofrel RTU family
 - Advanced Driver for Trio Data Radios
- **Enhancements to ViewX User Interface**
 - Improved functionality in a multi-monitor environment
 - Drag-and-drop of documents between windows
 - Save and restore an entire multi-monitor window configuration



Check out the video

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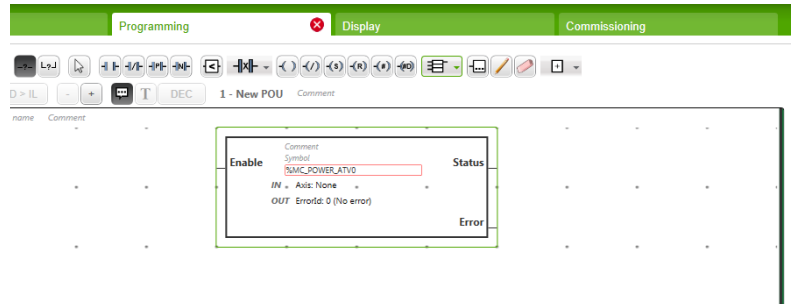
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TM221 : smarter with SoMachine Basic V1.5



Twido substitution

- Great improvement of Twido conversion application
- Improving conversion messages

Modbus serial IO Scanner

- Easy integration of remote devices (dedicated exchange addresses)
 - Altistart ATS22, Energy Meters (iEM3150, iEM3250), RFID XGCS49, Harmony push Buttons Access Point ZBRN2
 - Generic device
- Automatic integration of Schneider ATV drives
 - ATV12, ATV310, ATV32, ATV320, ATV71, ATV6x0, ATV9x0,

Drive Function blocks

- Quick programming of drives
- 7 new Function blocks to control your machines very easily
 - Power, Jog, MoveVel, Stop, ReadStatus, ReadMotionState, Reset

[Download SoMachine Basic V1.5](#)

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Decentralised motion solutions with integrated drives



Lexium Integrated Drives integrate motor, positioning controller, power electronics, fieldbus and safety function in a single device. Each motor technology offers a wide range of applications for decentralised motion solutions.

Lexium Integrated Drive ILA

- With AC synchronous servo motor
- Superior dynamics and high torque
- Closed-loop drive system with high-resolution encoder

Lexium Integrated Drive ILE

- With brushless DC motor
- High detent torque
- Absolute position feedback

Lexium Integrated Drive ILS

- With stepper motor
- High torque at low speeds
- Superior constant velocity characteristics

[Discover all other advantages of these solutions](#)

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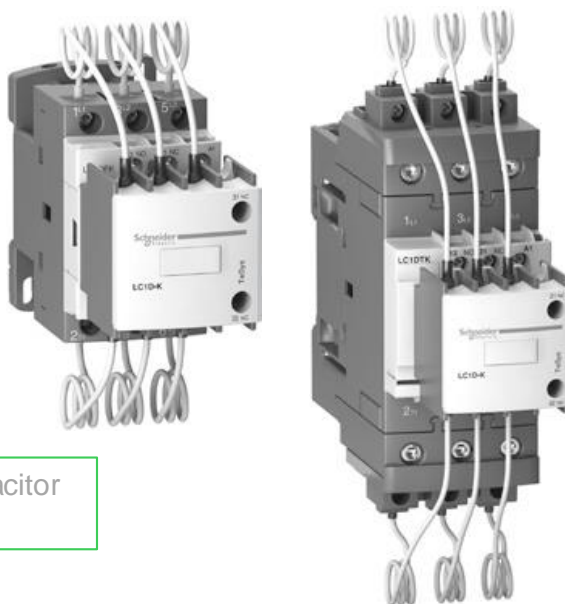


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Contactors for Capacitor banks: End of Commercialization D2 range

We reached the earlier announced end of commercialization date of the older D2 range of contactors size 1 and 2 for capacitor banks. These part numbers can be fully substituted by the newer range of contactors for capacitor banks based on the TeSys D range. A substitution table is available to convert the older range to the new range.



Download the conversion table for capacitor bank contactors [here!](#)

LC1D•K contactors

These special contactors are designed for switching 3-phase, single or multiple-step capacitor banks. The contactors conform to standards IEC 60070 and 60831, UL and CSA.

Specification

Contactors are fitted with a block of early make poles and damping resistors, limiting the value of the current on closing to 60 In max.

This current limitation increases the life of all the components of the installation, in particular that of the fuses and capacitors.

Operating conditions

Up to 6 steps no choke inductors are needed, only over 6 steps the use of chokes are recommended.

Discover the specifications of LC1D K contactors in the [catalogue pages](#).

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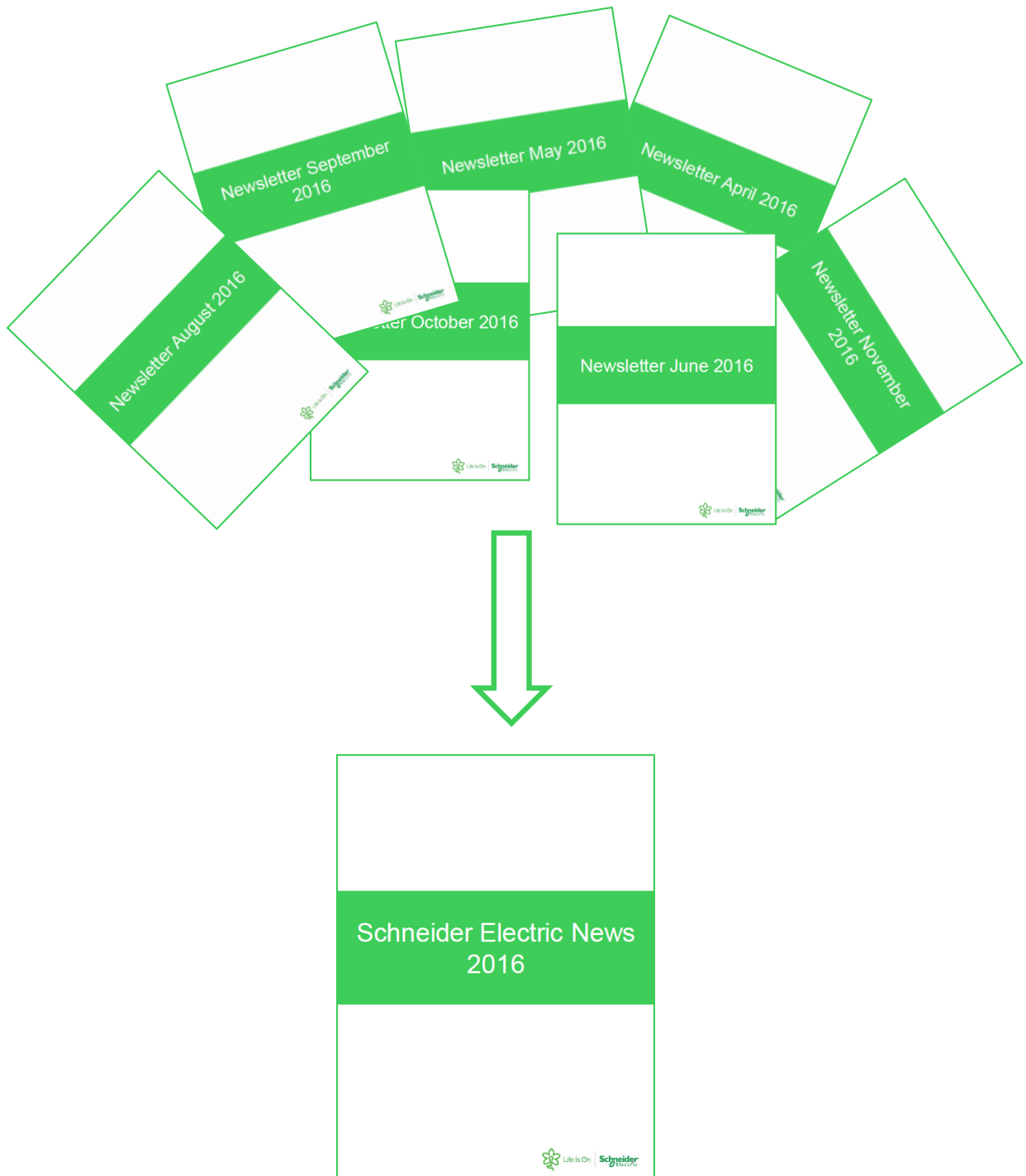
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All 2016 newsletters combined in one single handy document



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