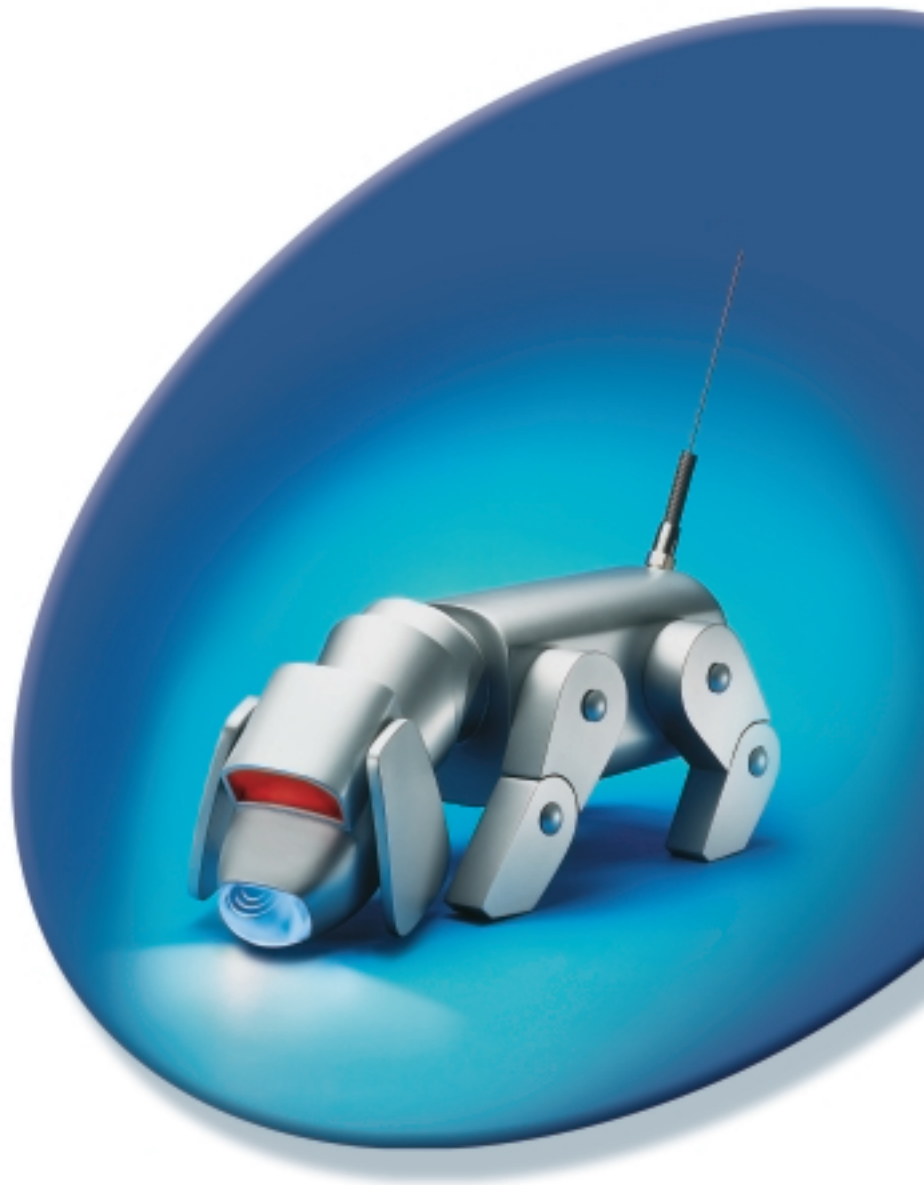


Global Detection
Osiris Osiprox Osiswitch Nautilus
More **innovation** to **simplify**
your detection needs



Telemecanique Global Detection invents *simplicity* with **Osiconcept**[®]

“**Osiconcept[®],
a worldwide
detection first,
determined
to improve
productivity**”

Osiconcept[®] is a major patented innovation of Telemecanique, designed to simplify detection.

By heeding your comments whilst studying your needs, Telemecanique has reconsidered its offer with **Osiconcept[®]** in order to solve your most commonly encountered detection problems:

- product selection simplified
 - product availability simplified
 - installation and setting-up simplified
 - maintenance simplified
- detection simplified using a single supplier.

Improved simplicity for improved productivity.

Manufacturers

Improve performance by making your machines less complicated and more intelligent.

Distributors

Improve customer expertise with an efficient product line offering simplified selection and improved selling potential.

Users

Improve performance by reducing maintenance time with products that are simpler and unequalled in flexibility.



Osiconcept[®]
Offering simplicity through innovation



The plus points of **Telemecanique Global Detection**

▷ **Simplicity**
of selection,
setting-up and
maintenance

▷ **Availability**
Even more
instant
solutions with
less product
references

▷ **Adaptability**
to all environ-
mental and
installation
conditions

▷ **Globalisation**
Single worldwide
supplier with
a complete
detection offer
(Transparent
Factory
compatible)

▷ **Aesthetic**
Elaborately
designed products
(compact,
colour signature)



A complete range
of *innovative* and much
more *simple to use* sensors

Osiris

■ Photo-electric sensors

It is very difficult to select the correct detection system and also, when testing we often find that the product is not suitable.

> **The Osiconcept® answer:**
a single product
that automatically
adapts to all
conditions

A simple press on the button automatically configures the sensor and provides optimal performance for the particular application.



Osiprox

■ Inductive proximity sensors

It is not possible to select the correct sensor without knowing accurately the mounting conditions (flush / non flush) in metal.

> **The Osiconcept® answer:**
a single product
that automatically
adapts to all
installation
environments

A simple press on the button automatically configures the sensor and provides optimal performance irrespective mounting conditions.



Osiswitch

■ Limit switches

There are so many different operating heads, bodies and contact blocks that availability is a problem after selecting the required configuration.

> **The Osiconcept® answer:**
availability of
more than 5,000
interchangeable
configurations
within 24 hours

Only one type of metal operating heads for 5 different bodies, connection and contacts modularity.



Nautilus

■ Electronic sensors for pressure control

It is always difficult to set a pressure switch, installation under pressure is required and, furthermore, it is not possible to adjust the setting values during operation.

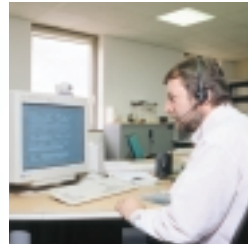
> **The Osiconcept® answer:**
a user friendly product
at last; easy to
parameter prior
to installation
and to modify
during operation

Ergonomic, tactile feedback, keys plus scrolling menu on large 4 digit display.



The commitment of Schneider Electric *services*

“ A single
partner,
worldwide
presence:
globalisation
for improved
simplicity ”



With over 5,000 sales outlets distributed throughout 130 countries, you are assured that our range of products can be found everywhere. Whatever your local standard requirements, products are immediately at hand that conform perfectly to the standards pertaining to the country in which they will be used.

The plus points of the Schneider Electric network



▷ **Logistical performance**
Indispensable products available anywhere in the world, plus express delivery service

▷ **Advice**
Guidance service available to assist in product selection for your application.

▷ **Globalisation**
A single name, a global supplier in industrial control, innovative, customer service orientated.

▷ **... and tailor made**
with products specifically designed for your profession and specialised application needs.

Telemecanique Global Detection total *compatibility* with the Schneider Electric offer

Internet TCP/IP



Remote monitoring and parameter adjustment using PC and web browser.

All Telemecanique Global Detection products can be connected to the AS-Interface cabling system, which enables them to be compatible with the automated open platform Transparent Factory. This platform is based on Internet technology, using Ethernet TCP/IP.

With the development of their web servers incorporating their components, Telemecanique is the first to introduce this open technology into industrial automated systems.

Thanks to transparent access of information from all the detection products in your system, it is possible, in real time, to obtain operational and maintenance data from any level without using specialist application software, in the format of your choice.

Enterprise intranet

Factory intranet

“ Select
simplicity with
products
designed for
intercomm-
unication ”



Tego Power Quickfit

ATV 28 in enclosure, ATV 58



Osiris

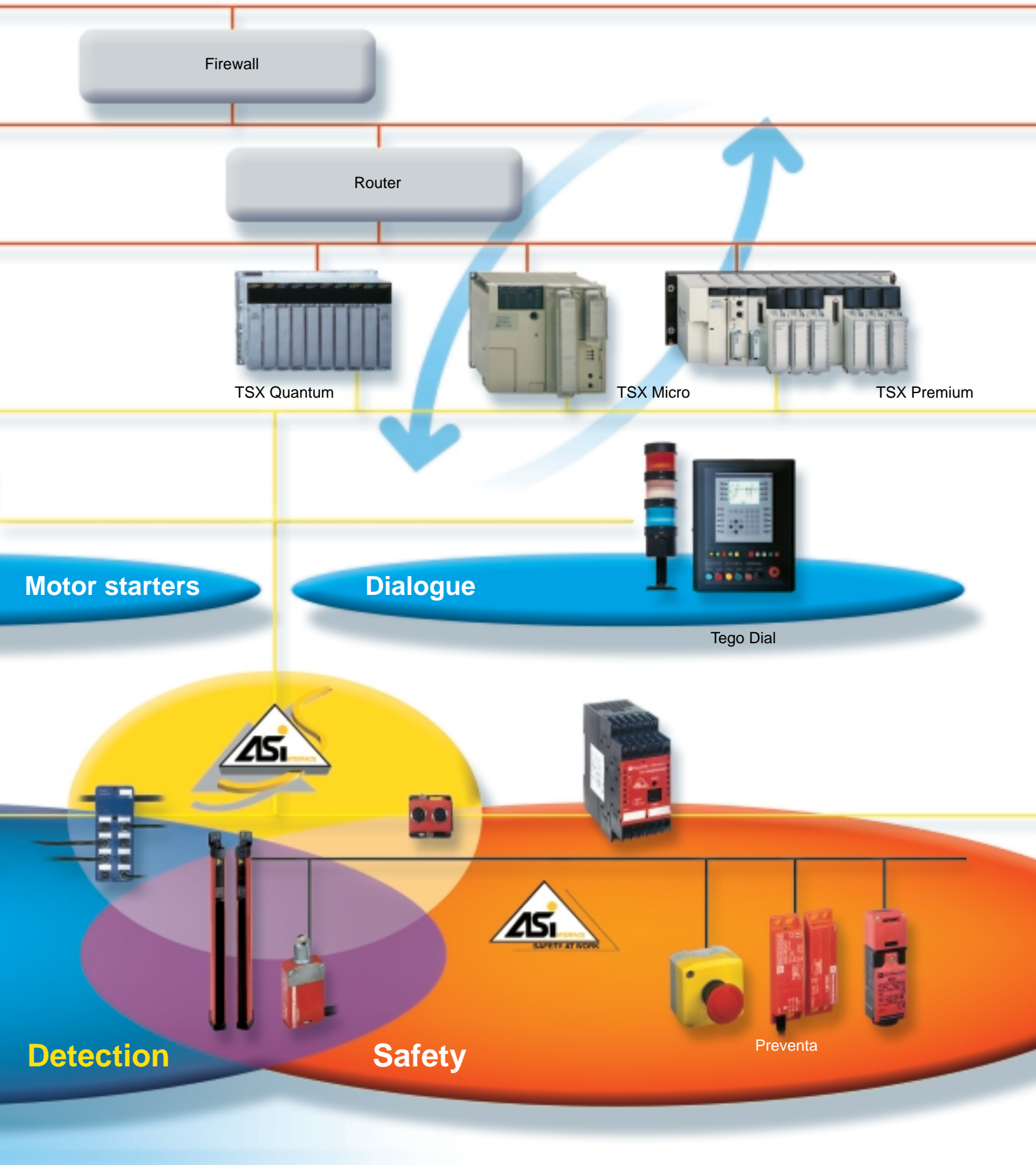
Osiprox

Osiswitch

Nautilus

Transparent Factory

Globalised access





Schneider Electric Industries SA

Headquarters

89, bd Franklin Roosevelt
92500 Rueil-Malmaison Cedex
France

ART. 027155

<http://www.schneider-electric.com>

04 / 2003



The **Osiconcept**® innovation: *simplicity, intelligence* and perfect *adaptation* to any environment

Osiris

■ Innovation using single product

“ All the answers provided by a single product: the 1st multiapplication photocell that performs all 5 conventional modes ”



Osiprox

■ Innovation through intelligence

“ Self-teaching regarding the environment: even better high performance products ”



Osiswitch

■ Innovation through modularity

“ An even more efficient offer: more solutions, more interchangeability and simplified setting-up ”



Nautilus

■ Innovation through ease of parametering

“ A new generation offering very simple configuration ”



The plus points of Osiris

- ▶ One tenth of the number of references to select from and stock
 - Reflex, thru-beam, diffuse, ...
 - A single product
 - Light on, dark on
 - Object detected = output automatically activated
 - Setting difficulties
 - Self-teaching, very accurate setting and NO/NC selection

- ▶ The most comprehensive range on the market, compatible with standard fixings

- ▶ Range of fixing and 3D adjustment accessories



The plus points of Osiprox

- ▶ Simplification of selection and setting-up

Flush mounting, non flush mounting, background, ...

- A single product that adapts to any environment

Mechanical setting difficulties

- Very accurate setting by self-teaching feature

Mechanical damage

- Flat and compact design for better fitting to machines

- ▶ The most comprehensive range on the market, compatible with standard fixings

- ▶ Range of quick attachment fixing accessories



All Telemecanique Global Detection products can be connected via cabling interfaces to the high performance and easy to set-up cabling system: AS-Interface.



The plus points of Osiswitch

- ▶ Modularity for improved machine availability
- Interchangeable operating heads, contact blocks and connections
- Only one type of metal operating heads for 5 different bodies
- Required product always found in stock

- ▶ Safety advantage
- The only contact blocks on the market with 3 and 4 snap action positive opening contacts

- ▶ Simplified cabling
- 40% savings in time for electrical connections

- ▶ Simpler installation
- 3D adjustable heads and levers



The plus points of Nautilus

- ▶ Configuration and setting ergonomics
- Tactile feedback keys and large 4 digit display with scrolling menu (bi-directional)
- Direct bar/psi reading
- Digital or analogue output parametering

- ▶ Comprehensively tested robustness
- Excellent resistance to pressure surges and overpressure (x 6)
- Metal housing

- ▶ Ease of diagnostics and maintenance
- Memorisation of pressure peaks
- Sensor state verification device