

MARECHAL ELECTRIC

CHEMICAL INDUSTRY



THORNE &
DERRICK
INTERNATIONAL

Thorne & Derrick

+44 (0) 191 410 4292

www.heatingandprocess.com



SANOFI AVENTIS FRANCE

Pharmaceutical research

- ▶ Provide power to buildings classified under ATEX
- ▶ Connection of emergency generating sets (in case of loss of mains supply)



DXN

RANGES

DXN DECONTACTOR™ COMPACT & WATERTIGHT

CS1000 SINGLE POLE POWER CONNECTORS

ADVANTAGES

- « de » protection mode according to ATEX Directive 94/9/CE. Use in zones 1 and 2 (Gas) and zones 21 and 22 (Dust)
- Safe installations: protection against electric arc (safety shutter)
- Backup power in case of blackout of electrical network
- Time saving: ease of installation
- Safety of personnel : socket-outlet with integral switching devices can be handled by people without any electrical skill.



CS1000

For more details,
please contact us:
contact@marechal.com

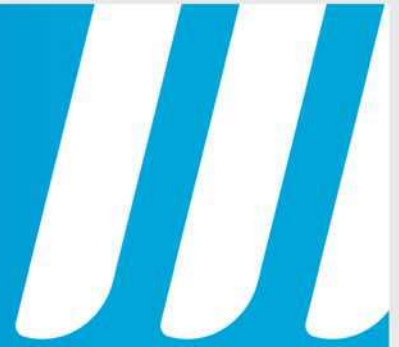
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CHEMICAL INDUSTRY



ARKEMA FRANCE

Basic chemistry: acidifiers, sweeteners and polyester resin

- ▶ Plug for mixers



DXN1

RANGES

DXN DECONTACTOR™ ATEX COMPACT & WATERTIGHT

ADVANTAGES

- « de » protection mode according to ATEX Directive 94/9/CE. Use in zones 1 and 2 (Gas) and zones 21 et 22 (Dust)
- Compact design
- Time saving: ease of installation and maintenance.

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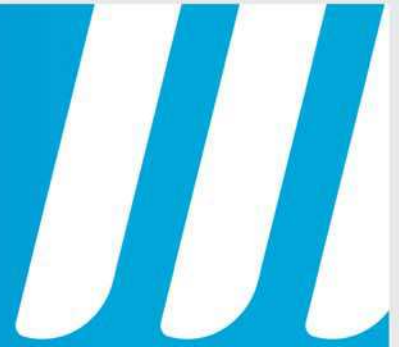
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ALCEA ITALY

Paint industry

- ▶ Mobile pumps, mixers



DXN1

RANGES

DXN DECONTACTOR™ ATEX COMPACT & WATERTIGHT

ADVANTAGES

- « de » protection mode according to ATEX Directive 94/9/CE. Use in zones 1 and 2 (Gas) and zones 21 et 22 (Dust).
- Time saving : ease of installation
- Safety of personnel and installations : socket-outlet with integral switching devices can be handled by people without any electrical skill.

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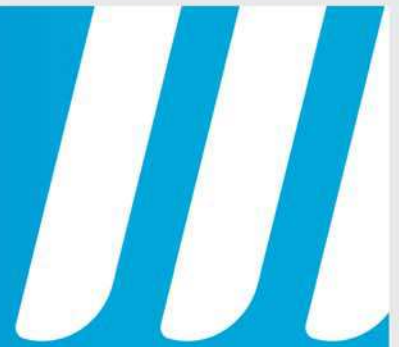
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OLSA ITALY

Pharmaceutical industry

- ▶ Comprehensive solutions: power and control in ATEX areas



DXN

RANGES

DXN DECONTACTOR™ ATEX COMPACT & WATERTIGHT
PXN12C MULTI-CONTACT CONNECTORS



PXN12C

ADVANTAGES

- Complete solutions for power applications and signal in ATEX areas
- « de » protection mode according to ATEX Directive 94/9/CE. Use in zones 1 and 2 (Gas) and zones 21 et 22 (Dust).
- Compact design
- IP66/IP67 automatic water- and dust-tight sealing: resistance to humidity and water splash due to process of high pressure cleaning
- Expertise, technical assistance, after-sales: availability of technical documentation and certificates for their customers.

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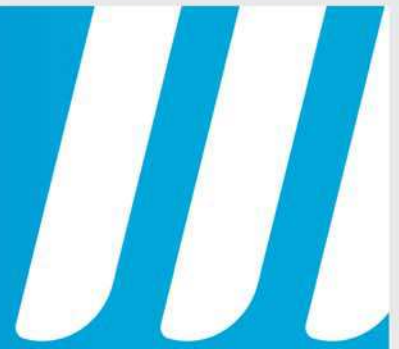
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TESA SE GERMANY

Manufacturer of adhesive tapes

- ▶ Connection to self-charging machines



DSN

RANGE

DSN DECONTACTOR™ COMPACT & WATERTIGHT

ADVANTAGES

- Workers safety: socket-outlets with integral switching allows quick disconnection by persons without electrical skill
- Time saving: ease of installation and maintenance.

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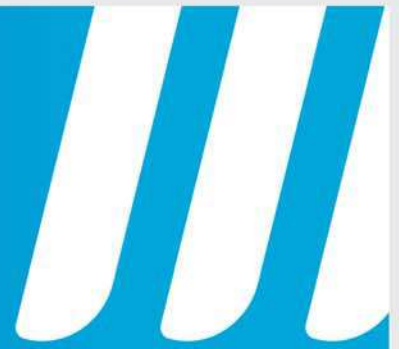
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NESL (Non-Entry Systems Limited) UNITED-KINGDOM

Manufacturer of pumping and cleaning systems under ATEX

- ▶ Installation of pumping and cleaning systems for ATEX zones



DXN

RANGES

DXN DECONTACTOR™ COMPACT & WATERTIGHT
DX METAL DECONTACTOR™



DX

ADVANTAGES

- Workers and installations safety: socket-outlets with integral switching allows quick disconnection without electrical skill
- Compliance to ATEX Directive 94/9/EC. For permanent use in zones 1 and 2 (Gas) and zones 21 and 22 (Dust)
- IP66/IP67 automatic water- and dust-tight sealing: resistance to humidity and water splash during high pressure cleaning
- Safety shutter: avoiding electrical arc flash
- Robustness: resistance of materials
- Reduction of maintenance operations.

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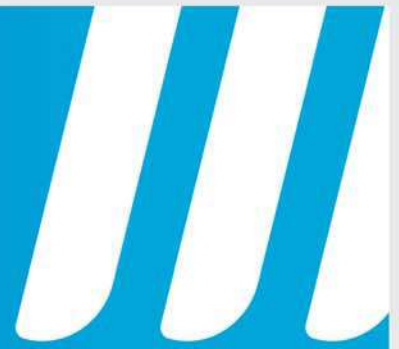
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MONSANTO USA

Hybride seed production, herbicides

- ▶ Supply to drives on conveyors, lifts, ...
- ▶ Connection of hand tools

DSN



DS



DB



RANGES

DSN DECONTACTOR™ COMPACT & WATERTIGHT

DS DECONTACTOR™ FOR INDUSTRY

DB DISCONNECTABLE MOTOR SWITCH

ADVANTAGES

- User-friendly and safe for operators
- Protection against electric arcs (safety shutter) on connection and disconnection of appliances
- Data transmission on equipment supply for maintenance.

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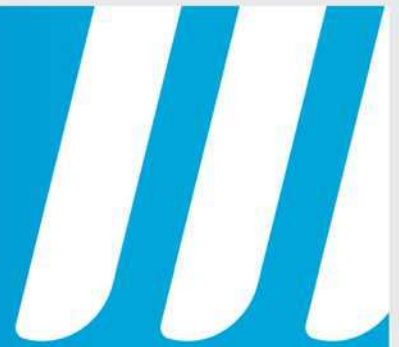
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TONGAAT HULETT SOUTH AFRICA

Starch manufacturing

- ▶ Retrofit production process



DSN

RANGES

DSN DECONTACTOR™ COMPACT & WATERTIGHT

DXN ATEX DECONTACTOR™ COMPACT & WATERTIGHT

ADVANTAGES

- Compliance to ATEX Directive 94/9/EC. For permanent use in zones 1 and 2 (Gas) and zones 21 and 22 (Dust)
- Time saving: ease of intervention on machines, reduction of downtime and maintenance.



DXN

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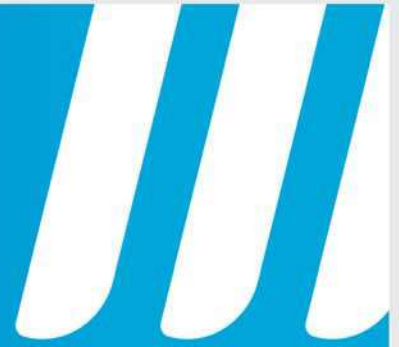
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OCP GROUP MAROCCO

Production and export of phosphate rock, phosphate-based fertilizers and related products

► Welding machines



DSN

RANGES

DSN DECONTACTOR™ COMPACT & WATERTIGHT
PN COMPACT PLUG

ADVANTAGES

- Coverage of their electrical needs: industrial range and ATEX required by Uhde engineering in India.



PN

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FATIMA FERTILIZERS CO. PAKISTAN

Fertiliser production

- ▶ Provide power to soldering and other machines in the production units



DSN6
DSN1

RANGES

DXN ATEX DECONTACTOR™ COMPACT & WATERTIGHT

BOXES WITH DSN DECONTACTOR™ COMPACT & WATERTIGHT

ADVANTAGES

- Protection mode "de" complying to ATEX Directive 94/9/EC. For permanent use in zones 1 and 2 (Gas) and zones 21 and 22 (Dust).



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WALGREENS USA Drugstore operator

- ▶ Hard-wired conveyors to rotary disconnect switches



DSN1

RANGE

DSN DECONTACTOR™ COMPACT & WATERTIGHT

ADVANTAGES

- Ideal solution providing complete electrical safety
- Compact mounting
- Reduced downtime
- Simple lock-out capabilities.

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