



Award-winning
performance



Touch the power. Trust the safety.



Powering Business Worldwide

PowerXL® DX1 – the high performance variable frequency drive for demanding applications

The DX1 expands the PowerXL family with a high-performance variable frequency drive that is robust and easy to use, fitting seamlessly into the existing portfolio. This means we can always offer you the right product, from simple to complex applications – including standardized production in machine and system building, and more.

With a focus on speed-controlled applications and general mechanical engineering, the DX1 is perfectly equipped.

Ready to boost performance? Learn more about DX1 on Eaton.com/dx1.



Extensive on-board interfaces – wide range of protocols covered
On-board communication protocols:



Flexibly expandable with standard fieldbus protocols
Optional communication protocols:



Focus on Industry 4.0

Master-follower function

Touchscreen Keypad

Predictive maintenance

Operation made easy

Reliable from 50°C to -35°C

STO according to SIL3, PLe, Cat.4



User Access Management

Other features

- Speed control**
- Tough in harsh environments**
- Power management**

Certified cyber security



Internal web server

Safe to use even in harsh environments

Thanks to the coated circuit boards it can even be used in dusty environments, for example as a drive for vibrating screens in cement machines.

In cold environments, such as inside a stone crusher, the DX1 is also safe to use thanks to its cold weather function.

Robustness is essential underground – a matter of course for the DX1 frequency converter.



For more information, visit Eaton.com/dx1

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