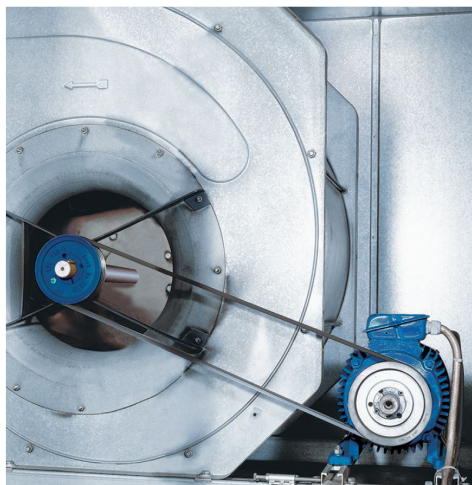


# A drive for any application

Efficient Engineering for Starting and Controlling Motors



**EUROTEC** People • Technology • Solutions  
HVAC • Refrigeration • Electrical • Measurement



**EATON**  
Authorised  
Solutions Partner—  
Drives

# PowerXL™ Drives



# 9000X™ Drives

# Soft Starters



DE1 Machinery Micro    DC1 Machinery Compact    DH1 Dedicated HVAC&R    DG1 Industrial General Purpose



Automatic gates & barriers, Drilling machine, milling cutters, Air lock systems, Pumps, fans (small, easy), Conveyors, industrial washing machines		Fans, Centrifugal Pumps, Compressors		Pumps, Fans, Compressors, Crushers, Mixers, Extruders		
V/f control mode DE11: CANopen, detachable terminals configurable relay output	V/f control mode DC1..E1: Vector control mode (SLV) PM-, SynRel- and BLDC motors	V/f control mode Vector control mode (SLV)	V/f control mode Vector control mode (SLV)	V/f control mode Vector control mode (SLV)	V/f control mode Vector control mode (SLV)	
Digital Inputs 4 (3)	Digital Inputs 4 (2)	Digital Inputs 8 (+12)	Digital Inputs 8 (+12)	Digital Inputs 8 (+12)	Digital Inputs 8 (+12)	
Analog Inputs 0 (1)	Analog Inputs 0 (2)	Analog Inputs 2 (+2)	Analog Inputs 2 (+2)	Analog Inputs 2 (+2)	Analog Inputs 2 (+2)	
Digital Outputs 0	Digital Outputs 1 (0)	Digital Outputs 1 (+6)	Digital Outputs 1 (+6)	Digital Outputs 1 (+6)	Digital Outputs 1 (+6)	
Analog Outputs 0	Analog Outputs 0 (1)	Analog Outputs 2 (+4)	Analog Outputs 2 (+4)	Analog Outputs 2 (+4)	Analog Outputs 2 (+4)	
Relay Outputs 1	Relay Outputs 1	Relay Outputs 3 (+6)	Relay Outputs 3 (+6)	Relay Outputs 3 (+6)	Relay Outputs 3 (+6)	
	Brake chopper optional	Extension slots 2	Extension slots 2	Extension slots 2	Extension slots 2	
		Brake chopper as standard (to 61A)	Safety integrated (STO)			
		Built in 5% DC link choke	Brake chopper as standard (to 61A)			
		Active Energy Control out-of-the-box	Built in 5% DC link choke			
0.25 – 2.2 kW (1~ 230V / 3~ 230V)	0.37 – 1.1 kW (1~230V / 1~230V)	1.1 – 160 kW (3~400V / 3~400V)	0.75 – 650 kW (3~400V / 3~400V)			
0.37 – 7.5 kW (3~ 400V / 3~ 400V)	0.37 – 4 kW (1~230V / 3~230V)					
	0.75 – 22 kW (3~400V / 3~400V)					
<div style="display: flex; justify-content: space-around;"> <div>MOD SWD</div> <div>IP20</div> </div>	<div style="display: flex; justify-content: space-around;"> <div>CAN MOD SWD</div> <div>IP20 IP66</div> </div>	<div style="display: flex; justify-content: space-around;"> <div>MOD BIP SWD</div> <div>TCP BAC PB</div> <div>IP21 IP54</div> </div>	<div style="display: flex; justify-content: space-around;"> <div>MOD SWD</div> <div>TCP PB IP21</div> <div>BAC DN IP54</div> <div>EIP CAN</div> </div>	<div style="display: flex; justify-content: space-around;"> <div>MOD LON</div> <div>EIP TCP</div> <div>PB PN CAN</div> <div>BIP ECAT DN</div> <div>IP21</div> <div>IP54</div> <div>IP00</div> </div>	<div style="display: flex; justify-content: space-around;"> <div>SWD</div> <div>IP20 IP20K</div> </div>	<div style="display: flex; justify-content: space-around;"> <div>MOD</div> <div>TCP EIP</div> <div>IP20 IP20K</div> </div>

SPX/LCX Industrial High Performance



Rolling mills, Winders, Rewinders, Paper machines, Crusher plants, Presses, Centrifuges	
V/f control mode	Vector control mode (SLV)
Vector control mode with feedback (CLV)	
Digital Inputs 6	Digital Inputs 6
Analog Inputs 2	Analog Inputs 2
Digital Outputs 1	Digital Outputs 1
Analog Outputs 1	Analog Outputs 1
Relay Outputs 2	Relay Outputs 2
Extension slots 5	Extension slots 5
Built in 3% mains choke	
DNV Shipping approval	
Liquid cooled version available	
0.75 – 2,150 kW (3~400V / 3~400V)	
2.2 – 2,750kW (3~690 V / 3~690 V)	
<div style="display: flex; justify-content: space-around;"> <div>MOD LON</div> <div>EIP TCP</div> <div>PB PN CAN</div> <div>BIP ECAT DN</div> <div>IP21</div> <div>IP54</div> <div>IP00</div> </div>	

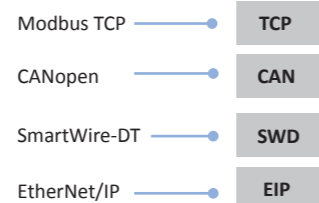
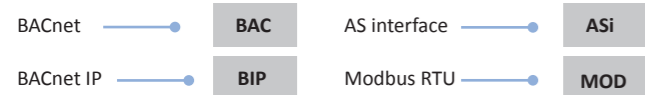
DS7 Machinery Compact    S811+ Industrial High Performance



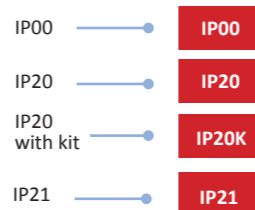
Pumps, Compressors, Fans		Pumps, Compressors, Fans, Conveyors, travelator, Buzzsaws, Band saws, Mixers, Mills, Crusher plants	
2-phase control (patented)	Integrated bypass	3-phase control	Integrated bypass
Enhanced diagnostics w/ SmartWire-DT		Enhanced diagnostics	
x-Start compatible		3 wire and 6 wire Connection	
Control voltage 24 VDC		Control voltage 24VDC	
Separate overload required		Dedicated pumping algorithms	
		Full motor protection inbuilt	
1.5 - 110kW (200-480 VAC)		7.5 – 450kW (400 VAC)	
		160 - 710kW (690 VAC)	
<div style="display: flex; justify-content: space-around;"> <div>SWD</div> <div>IP20 IP20K</div> </div>		<div style="display: flex; justify-content: space-around;"> <div>MOD</div> <div>TCP EIP</div> <div>IP20 IP20K</div> </div>	

## Explanation of legend icons

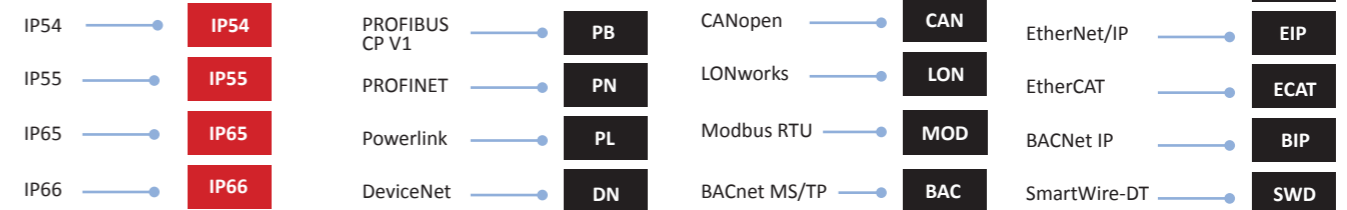
### Integrated Fieldbus



### Enclosure



### Optional Fieldbus





## Energizing a world that demands more

As commercial and industrial businesses become increasingly dependent upon machines and focus on upgrading aging systems, the control components that run these machines/systems need to be more efficient... and more intelligent than ever before.

Eaton's best-in-class portfolio of variable frequency drives (VFDs) are designed to meet your performance requirements while saving space, improving safety and working smarter. Eaton VFDs will save you money by improving the efficiency and productivity of your systems.



**Eurotec are proud to have been appointed as a Authorised Solutions Partner for Eaton Drives.**  
Our nationwide Refrigeration, HVAC and Electrical Business Unit Sales Teams are available to help you with your drives applications.

Eaton drives are designed for Industrial, HVAC, Refrigeration, water/wastewater treatment, machinery OEM and other application demands. Whether designing a new industrial complex, renovating an existing structure or developing a new machine, Eaton and Eurotec Ltd have the right product for your application.

## Contact Us

Please contact your local Eurotec Sales Engineer for a no obligation catch up to see how we can help your business find the right solution.

### Auckland - Head Office

Unit C, 750 Great South Road Penrose  
Auckland, 1061  
Ph: 09 579 1990  
Fax: 09 525 3334

### Wellington

Unit 9, 2 Tyers Road Ngauranga  
Wellington, 6035  
Ph: 04 499 3591  
Fax: 04 499 3696

### Christchurch

2/5 Wordsworth Street Sydenham  
Christchurch, 8023  
Ph: 03 366 0017  
Fax: 03 365 6357

[sales@eurotec.co.nz](mailto:sales@eurotec.co.nz)

[www.eurotec.co.nz](http://www.eurotec.co.nz)



**EUROTEC** People • Technology • Solutions  
HVAC • Refrigeration • Electrical • Measurement

