

# Catalogue No: **25A-D037N114**

## PF523 400V IP20 37A 18.5kW ND OR 30A 15kW HD FRAME E

Motor Control and Drives > Variable Speed Drives, Low Voltage > Compact Drives > PowerFlex 523 > IP20 Panel Mount  
380 to 480V AC Three-Phase Drives



Representative Photo Only  
(actual product may vary based on configuration selections)

### PowerFlex variable speed drive 523 3P 415V 18.5KW E frame

- Modular design eases installation
- Economizer motor control for energy savings
- Application specific parameter groups making programming intuitive
- Vast temperature range -20°C to +50°C (up to +70°C with optional fan and derating)
- Integral EMC Filter and Braking Transistor

#### SPECIFICATIONS

Component Type Motor Control and Drives	AC Industrial VSD
kW Rating, Normal Duty	18.5 kW
kW Rating, Heavy Duty	15 kW
Rated Current, Normal Duty	37 A
Input voltage, 3ph, nom (rms)	415 V AC nom (rms)
IP Rating	IP20
Control Modes	Sensorless Vector Control V / Hz
PID Control	Yes
Integral Communications	Modbus RTU
Safe Torque-Off	No
Built-in EMC Filter	Yes Y / N
Dynamic Braking Transistor	Yes Y / N
Built-in Keypad	Yes Y / N
Frame Size	Frame E size
Recommended Line Contactor (Normal Duty)	100-C43
Recommended Circuit Breaker (Normal Duty)	140M-F8E-C45
Recommended Line Reactor 3%	1321-3R35-B
Recommended Load Reactor 3%	1321-3R35-B
Operating Temperature, Min	-20 °C min
Operating Temperature, Max	50 °C max

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#### REFERENCES

IECEX Certificate -

Supplier Declaration of  
Conformity: -

Installation Guide: -

User Manual: -

Manufacturer Datasheet: -

Manufacturer Catalogue  
& Product Selection: -