

Catalogue No: **25A-D043N114**

PF523 480V IP20 43A 22kW ND OR 37A 18.5kW 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 22KW 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

Product Series	PowerFlex 523
Component Type Motor Control and Drives	AC Industrial VSD
kW Rating, Normal Duty	22 kW
kW Rating, Heavy Duty	18.5 kW
Rated Current, Normal Duty	43 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-C60
Recommended Circuit Breaker (Normal Duty)	140M-F8E-C45
Recommended Line Reactor 3%	1321-3R45-B(ND)/1321-3R35-B(HD)
Recommended Load Reactor 3%	1321-3R45-B(ND)/1321-3R35-B(HD)
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: -