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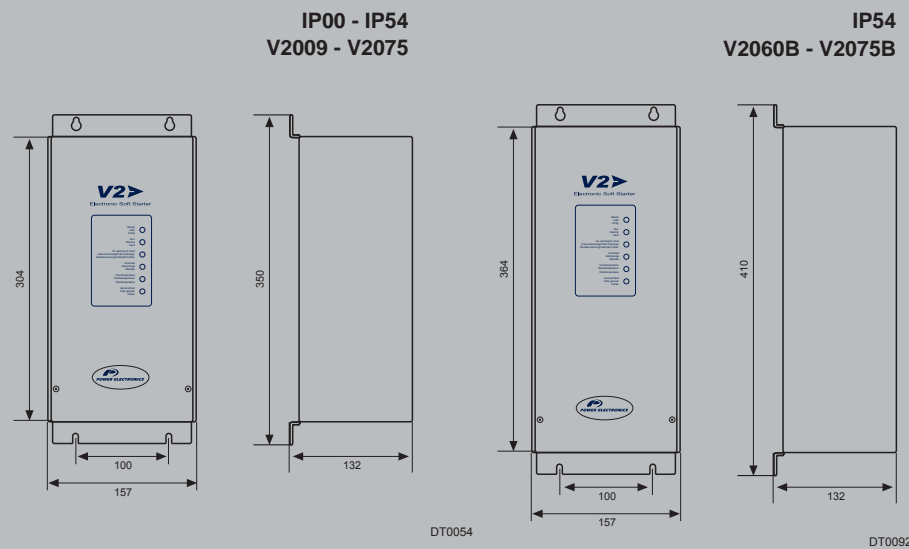


The V2 Series is part of the Power Electronics softstarter family. Equipped with advanced technology in motor control and protection, the V2 has been designed in a more compact form, unifying spare parts and giving the flexibility of installation in both IP00 and IP54 versions.

As well as the total protection provided to the motor, the smooth start and stop action offered by the V2 has benefited numerous applications.

Pumps, fans, conveyors, compressors, shakers, mixers, grinders, crushers, lifters, crains, elevators, etc. are some examples of the V2 series applications.

DIMENSIONS AND STANDARD RATINGS



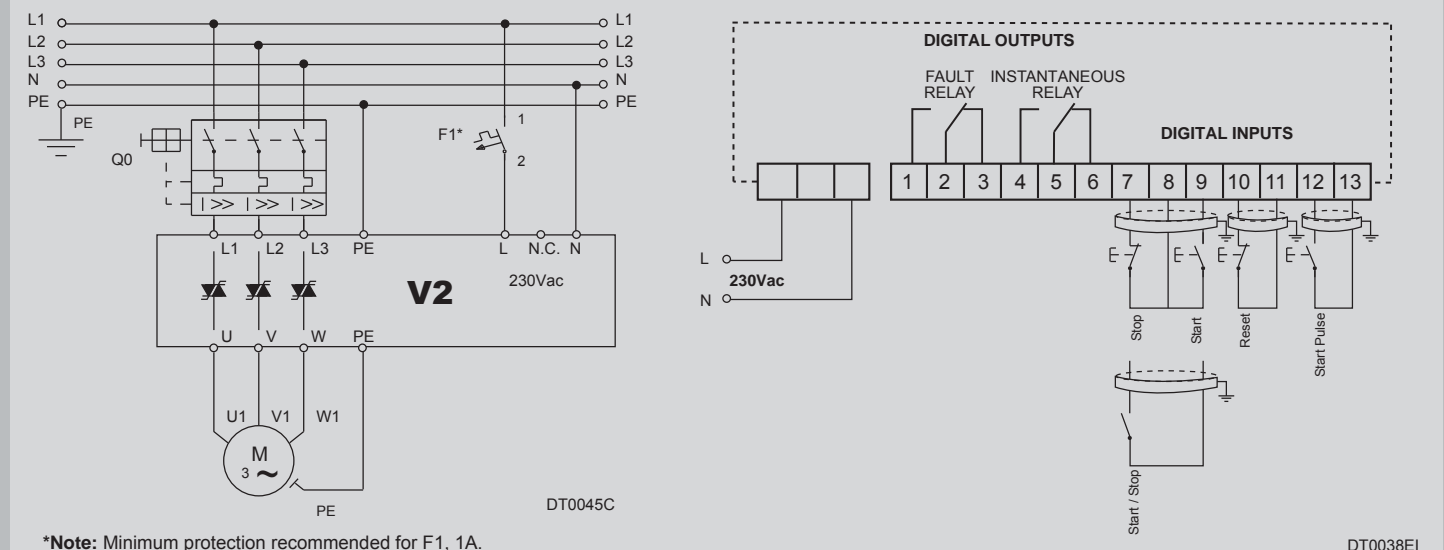
REFERENCE	A	220V KW	380V KW	DIMENSIONS (mm)	IP PROTECTION
V2009	9	2.2	4	350x157x132	IP00
V2017	17	4	7,5	350x157x132	IP00
V2030	30	9	15	350x157x132	IP00
V2045	45	15	22	350x157x132	IP00
V2060*	60	18.5	30	350x157x132	IP00
V2075*	75	22	37	350x157x132	IP00
V2009B*	9	2.2	4	350x157x132	IP54
V2017B*	17	4	7,5	350x157x132	IP54
V2030B*	30	9	15	350x157x132	IP54
V2045B*	45	15	22	350x157x132	IP54
V2060B*	60	18.5	30	410x157x132	IP54
V2075B*	75	22	37	410x157x132	IP54

* The references signed with "*" do have an integrated BYPASS function. The motor protection is operating all the time.



Input	Input voltage	230-400V(~3 phases), ±10%
	Frequency	47 - 62 Hz
	Control voltage	230V ±10%, others under demand
Output	Output voltage	0 -100% of input voltage
	Frequency	47- 62 Hz
	Efficiency (at full load)	> 99%
Environmental Protection	Ambient temperature	Operation: 0°C to +40°C. Without Bypass Operation: 0°C to +50°C. With built in Bypass Storage: -10°C to +70°C
	Altitude de-rating	>1000m 1% per 100m, maximum 3000m
	Humidity	95% at 40°C non-condensing
	Protection degree	IP00; IP54
	Cooling	Natural
Motor Protections	Input phase loss	
	Starting current limit	
	Rotor locked	
	Motor overload (thermal model)	
	Underload	
	Phases imbalance	
V2 Protections	General fault	
	V2 overtemperature	
Settings	• Initial torque	30 to 99%
	• Acceleration ramp	0 to 15 sec
	• Deceleration ramp	0 to 45 sec
	• Overload	0.8 to 1.2 In
	• Overload curve	1 to 10
	• Underload	0.2 to 0.6 In
	• Underload curve	1 to 10
	• Current limit	1 to 5 In
Auxiliary Contacts	2 change over relays 5A, 230Vac	Fault relay Instantaneous relay
Led's Indication	LED 1 Ready	
	LED 2 Start	
	LED 3 Overload warning / Underload fault	
	LED 4 Underload	
	LED 5 Overtemperature	
	LED 6 General fault	
Electric Safety Regulations	• UNE-EN 60947-4-2:98	• UNE-EN 60947-4-2:98
	• UNE-EN 50178:98	• UNE-EN 60947-4-2:98
	• UNE-EN 60204-1:1999	• UNE-EN 50081-1:94

POWER ELECTRONICS AND CONTROL WIRING



*Note: Minimum protection recommended for F1, 1A.

V2CA01FI

DT0045C

DT0038E1