



TOSHIBA - Frequency Inverter VF-S11 PLE-WP with IP55 protection

Operator panel with display

Freely programmable
potentiometer, e.g. for
frequency setting

Freely programmable
selector switch, e.g. for
rotating direction setting

Space for further switches

Main switch with
overload protection



The complete stand-alone solution

- Completely enclosed system
- All controls integrated: minimal wiring required
- Integrated main switch with overload protection
- Internal EMC filter class A in accordance with EN55011
- Complete function set, as with the standard IP20 inverter
- Self-cooling system

TOSHIBA VF-S11 IP55



Technical Specifications

Voltage Class		1-phase 200V class / 3-phase 400V class				
Rated Motor Capacity (kW)		0.55	0.75	1.5	2.2	4.0
Voltage Class, Type		VF S11 S - / VF S11 -				
1-phase 200V class	VF S11 S -	2004 PLE	2007 PLE	2015 PLE	2022 PLE	-
3-phase 400V class	VF S11 -	-	4007 PLE	4015 PLE	4022 PLE	4037 PLE
Power Input (kVA)		1.4	1.8	3.2	4.2	7.2
Rated Output Current (A)	1-ph 200V	3.3	4.8	8.0	11	-
	3-ph 400V	-	2.3	4.1	5.5	9.5
Output voltage		200V class: threephase 200...240V, 400V class: threephase 380...500V				
Overload capability		60 sec. at 150%, 0.5 sec. at 200%				
Input Voltage		200V class: 1-phase 200...240 V - 50/60 Hz				
		400V class: 3-phase 380...500 V - 50/60 Hz				
Tolerances		voltage -15%...+10%, frequency $\pm 5\%$				
Protection		IP54: completely enclosed box (JEM 1030) IP55: with PG screw type cable grounds				
Cooling		active self-cooling (with integrated cooling fan), 200V class inverters with 0.55kW and 0.75kW: passive self-cooling (no fan)				
Color		Munsell 5Y-8 / 0.5 (beige/gray)				
Integrated EMC Filter		class A in accordance with EN55011 in all inverter types				
Operational and Environmental Conditions		indoor type, max. altitude 1000 m, not in corrosive or explosive atmospheres				
Temperature		-10 to +40°C				
Storage Temperature		-25 to +75°C				
Relative Humidity		20% to 93%				
Vibration		5.9 m/s ² or less (at 10 to 55 s ⁻¹)				

Inverter Type	Dimensions (mm)		
	Width W	Height H	Depth D
VF S11S - 2004 PLE	210	240	177
VF S11S - 2007 PLE	210	240	177
VF S11S - 2015 PLE	215	297	206
VF S11S - 2022 PLE	230	340	222
VF S11 - 4007 PLE	215	297	206
VF S11 - 4015 PLE	215	297	206
VF S11 - 4022 PLE	230	340	222
VF S11 - 4037 PLE	230	340	222

