

CFW300 – Compact Variable Speed Drive



Variable Speed Drive

Ideal for small machine or equipment applications that require precise motor control, the ready-for-use CFW300 compact drive is easy to operate and start up. In addition, you can quick and easily expand functionalities, increasing its capacity to adapt to the most diverse applications.

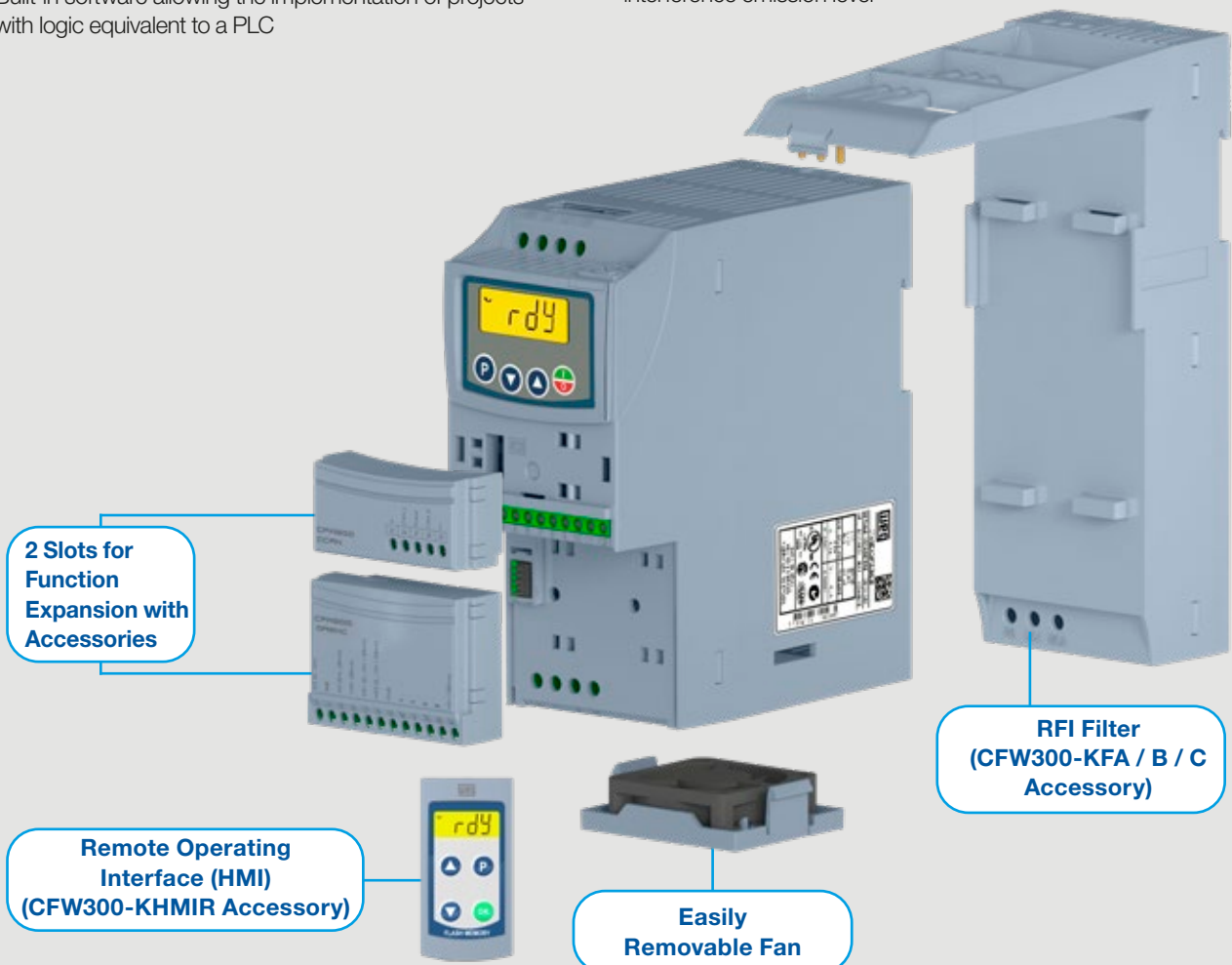
Compact size
High performance
Energy savings
Easy to use and install



Rated output current from 1.6 to 15.2 A
0.25 HP / 0.18 kW to 10 HP / 7.5 kW

Characteristics

- Robust
Overload current: 150% for 60 s every 10 min
- Display
Built-in operating interface (HMI)
- SoftPLC
Built-in software allowing the implementation of projects with logic equivalent to a PLC
- Communication
Modbus-TCP, CANopen, Profibus-DP, RS485, RS232, USB using plug-in modules
- RFI filter
Category C2 or C3 to reduce the electromagnetic interference emission level



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- Selectable V/F, quadratic V/F or VVV vector control
- Backup of all parameters (via WPS software, memory card or internal memory of the CFW300)

Applications

- Machines and equipment
- Single-phase or three-phase or DC power supply
- Opening and closing of gates
- Granulators
- Fans
- Mixers
- Transport applications
- Industry in general

Coding

Inverter / smart code	Model identification				Braking	Protection rating	Hardware version	Software version
	Frame	Rated output current	Number of phases	Rated voltage				
CFW300	A	01P6	S	2	NB	20		
	See availability in the following table							
	NB = without dynamic braking (IGBT) DB = with dynamic braking (IGBT)							
	20 = IP20							
	Hx = special hardware Sx = special software							

Frame	Rated output current	Number of phases	Rated voltage	Braking
A	01P6 = 1.6 A	S = single-phase power supply	1 = 110-127 V ac	NB
	02P6 = 2.6 A			
	04P2 = 4.2 A			
	06P0 = 6.0 A			
	01P6 = 1.6 A			
	02P6 = 2.6 A			
	04P2 = 4.2 A	T = three-phase power supply	2 = 200-240 V ac	
	06P0 = 6.0 A			
	07P3 = 7.3 A			
	01P6 = 1.6 A			
	02P6 = 2.6 A			
	04P2 = 4.2 A			
	06P0 = 6.0 A			
	07P3 = 7.3 A			
	01P6 = 1.6 A			
02P6 = 2.6 A				
04P2 = 4.2 A				
B	10P0 = 10.0 A	B = single-phase or three-phase or DC power supply	2 = 200-240 V ac or 280-340 V dc	DB
	15P2 = 15.2 A	T = three-phase or DC power supply		
A	01P1 = 1.1 A	T = three-phase power supply	4 = 380-480 V ac	NB
	02P6 = 2.6 A			
	03P5 = 3.5 A			
	04P8 = 4.8 A			
B	06P5 = 6.5 A	T = three-phase or DC power supply	4 = 380-480 V ac or 513-650 V dc	
	08P2 = 8.2 A			
C	10P0 = 10.0 A			
	12P0 = 12.0 A			
	15P0 = 15.0 A			DB
B	01P1 = 1.1 A			
	01P8 = 1.8 A			
	02P6 = 2.6 A			
	03P5 = 3.5 A			
	04P8 = 4.8 A			
	06P5 = 6.5 A			
C	08P2 = 8.2 A			
	10P0 = 10.0 A			
	12P0 = 12.0 A			
	15P0 = 15.0 A			



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