

Complete portfolio for specific requirements

Complete range of IP20/21 and IP54 wall-mounted 690V AC Drives



Wall-mounted 1,5-200 kW 690V

Frame sizes C69, D69 and F69 of our FDU/VFX Drives cover the complete power range 1,5-200kW and is available in both IP20/21 and IP54.

Control panel with wireless communication capabilities

The 4-line display holds new functions such as RTC with programmable start-stop and communication though both Bluetooth and Wi-Fi. You can upload parameters or download data from your FDU/VFX drive remotely.

Prepared for marine use

Robust IP54 drives have coated boards ideal for marine use. All IP 54 drives have DNV marine type approval. High impedance to ground in IT net ensures you minimize leakage current to ground.



Complete FDU/VFX family

- ✓ IP54 and IP20/21
- ✓ DC choke as standard
- ✓ EMC filter as standard
- ✓ Versatile communication options (24V standby supply input is standard)
- ✓ Same large choice of option boards for all drives
- ✓ Direct torque control for accurate & powerful motor control (VFX)

All new FDU/VFX hold our new Emotron control panel (PPU) for easy connectivity with surrounding systems.



Emotron FDU & VFX 2.1 - available as IP54 and IP20

FDU/VFX model IP 54	Normal Duty Power @575V (HP)	Normal Duty Power @690V (kW)	Rated current [A]	Frame size
69-002-54	1.5	1.5	2	C69
69-003-54	2	2.2	3	
69-004-54	3	3	4	
69-006-54	4	4	6	
69-008-54	5	5.5	8	
69-010-54	7.5	7.5	10	
69-013-54	10	11	13	
69-018-54	15	15	18	
69-021-54	20	18.5	21	
69-025-54	25	22	25	
69-033-54	30	30	33	D69
69-042-54	40	37	42	
69-050-54	50	45	50	
69-058-54	60	55	58	
69-082-54	75	75	82	F69
69-090-54	75	90	90	
69-109-54	100	110	109	
69-146-54	125	132	146	
69-175-54	150	160	175	
69-200-54	200	200	200	

FDU/VFX model IP 20	Normal Duty Power @575V (HP)	Normal Duty Power @690V (kW)	Rated current [A]	Frame size
69-002-20	1.5	1.5	2	C2 (69)
69-003-20	2	2.2	3	
69-004-20	3	3	4	
69-006-20	4	4	6	
69-008-20	5	5.5	8	
69-010-20	7.5	7.5	10	
69-013-20	10	11	13	
69-018-20	15	15	18	
69-021-20	20	18.5	21	
69-025-20	25	22	25	
69-033-20	30	30	33	D2(69)
69-042-20	40	37	42	
69-050-20	50	45	50	
69-058-20	60	55	58	

Frame H69-T69 available as IP20 & IP54 (cabinet mounted for IP54) up to 3MW

We put all our energy into saving yours