

STADT FCU/FCX AC DRIVE

690V, 0.75-3000kW



STADT FCU/FCX AC Drives ensures you get the most out of your electric motors, thrusters, pumps, fans, cranes, mills, etc. With full control of the process, you will benefit from a reliable, cost-efficient and user-friendly operation that is protected against damage and unnecessary wear. With all its functions included in a compact IP54 enclosure, the STADT FCU/FCX AC Drive is cost-efficiently installed close to the application.



Features

- Marine Approval
- IP54 full range.
- Compact design & Robustness
- Built-in Filter according to C3 Class
- Built-in Fuses (From 200 kW)
- Safety according EN13849-1 and EN62061 standards
- Load curve control
- HCB technology (Half controlling Bridge)
- Logic programmability
- Pre-maintenance alarms
- Options flexibility (I/O's, Fieldbus, PTC/PT100, Multiple ,Pump control)
- Communication options (EtherCAT, PROFINET, Modbus, DeviceNet, PROFIBUS, etc.)
- 24 VDC control board supply
- Liquid cooling drive version
- 12-pulse rectifier option.
- Flexible cable connections & User Friendly wiring connection
- CE, UL, RoHS, DNV-GL



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Model	Max output current (A)	Normal duty (120%, 1 min every 10 min)		Heavy duty (150%, 1 min every 10 min)		Frame size (Number of PEBB's)	IP Class
		Power @690V (kW)	Rated current (A)	Power @690V (kW)	Rated current (A)		
STADT FCU-69-090-54	108	90	90	75	72	F69	IP 54 Wall mounted
STADT FCU-69-109-54	131	110	109	90	87		
STADT FCU-69-146-54	175	132	146	110	117		
STADT FCU-69-175-54	210	160	175	132	140		
STADT FCU-69-200-54	240	200	200	160	160		
STADT FCU-69-250-54	300	250	250	200	200	H69 (2)	IP 20 module or IP 54 cabinet
STADT FCU-69-300-54	360	315	300	250	240		
STADT FCU-69-375-54	450	355	375	315	300		
STADT FCU-69-400-54	480	400	400	315	320	I69 (3)	
STADT FCU-69-430-54	516	450	430	315	344		
STADT FCU-69-500-54	600	500	500	355	400		
STADT FCU-69-595-54	720	600	600	450	480	J69 (4)	
STADT FCU-69-650-54	780	630	650	500	520		
STADT FCU-69-720-54	864	710	720	560	576		
STADT FCU-69-800-54	960	800	800	630	640	KA69 (5)	
STADT FCU-69-905-54	1080	900	900	710	720		
STADT FCU-69-995-54	1200	1000	1000	800	800		
STADT FCU-69-1200-54	1440	1200	1200	900	960	K69 (6)	
STADT FCU-69-1400-54	1680	1400	1400	1120	1120	L69 (7)	
STADT FCU-69-1600-54	1920	1600	1600	1250	1280	M69 (8)	
STADT FCU-69-1800-54	2160	1800	1800	1400	1440	N69 (9)	
STADT FCU-69-2000-54	2400	2000	2000	1600	1600	O69 (10)	
STADT FCU-69-2200-54	2640	2200	2200	1700	1760	P69 (11)	
STADT FCU-69-2400-54	2880	2400	2400	1900	1920	Q69 (12)	
STADT FCU-69-2600-54	3120	2600	2600	2000	2080	R69 (13)	
STADT FCU-69-2800-54	3360	2800	2800	2200	2240	S69 (14)	
STADT FCU-69-3000-54	3600	3000	3000	2400	2400	T69 (15)	