

STADT FCU/FCX AC DRIVE

400V, 0.75-2150kW



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 @400V (kW)	Rated current (A)	Power @400V (kW)	Rated current (A)		
STADT FCU-48-003-54	3	0.75	2.5	0.55	2	B	IP 54 Wall mounted
STADT FCU-48-004-54	4.8	1.5	4	1.1	3.2		
STADT FCU-48-006-54	7.2	2.2	6	1.5	4.8		
STADT FCU-48-008-54	9	3	7.5	2.2	6		
STADT FCU-48-010-54	11.4	4	9.5	3	7.6		
STADT FCU-48-018-54	21.6	7.5	18	5.5	14.4		
STADT FCU-48-026-54	31	11	26	7.5	21	C	
STADT FCU-48-031-54	37	15	31	11	25		
STADT FCU-48-037-54	44	18.5	37	15	29.6		
STADT FCU-48-046-54	55	22	46	18.5	37	D	
STADT FCU-48-061-54	73	30	61	22	49		
STADT FCU-48-074-54	89	37	74	30	59	E	
STADT FCU-48-090-54	108	45	90	37	72		
STADT FCU-48-109-54	131	55	109	45	87		
STADT FCU-48-146-54	175	75	146	55	117		
STADT FCU-48-175-54	210	90	175	75	140		
STADT FCU-48-210-54	252	110	210	90	168		
STADT FCU-48-250-54	300	132	250	110	200	F	
STADT FCU-48-300-20	360	160	300	132	240		
STADT FCU-48-375-20	450	200	375	160	300	G(2)	
STADT FCU-48-430-20	516	220	430	200	344		
STADT FCU-48-500-20	600	250	500	220	400	H(2)	
STADT FCU-48-600-20	720	315	600	250	480		
STADT FCU-48-650-20	780	355	650	315	520	I(3)	
STADT FCU-48-750-20	900	400	750	355	600		
STADT FCU-48-860-20	1032	450	860	400	688	J(4)	
STADT FCU-48-1000-20	1200	560	1000	450	800		
STADT FCU-48-1150-20	1380	630	1150	500	920	KA(5)	
STADT FCU-48-1250-20	1500	710	1250	560	1000		
STADT FCU-48-1350-20	1620	710	1350	600	1080	K(6)	
STADT FCU-48-1500-20	1800	800	1500	630	1200		
STADT FCU-48-1750-20	2100	900	1750	800	1400	L(7)	
STADT FCU-48-2000-20	2400	1120	2000	900	1600		
STADT FCU-48-2250-20	2700	1250	2250	1000	1800	M(8)	
STADT FCU-48-2500-20	3000	1400	2500	1120	2000		
STADT FCU-48-2750-20	3300				2200	N(9)	
STADT FCU-48-3000-20	3600				2400		
STADT FCU-48-3250-20	3900				2600	O(10)	
STADT FCU-48-3500-20	4200				2800		
STADT FCU-48-3750-20	4500				3000	P(11)	
						Q(12)	
						R(13)	
						S(14)	
						T(15)	