

CTS880 SERIES

Frequency Converter

- **Functional Design:** Equipped with 3C3-coated circuit boards and an improved airflow cooling system, ensuring long-lasting and high-efficiency performance.
- **Strict Quality Control:** High-quality component sourcing, detailed inspections, and full-load testing, guaranteeing reliable performance in all operating scenarios.
- **Exceptional Overload Capacity:** 150% overload for 60 seconds, delivering outstanding durability.



Product advantages

- **Safety and Control**
 - Multiple Protection Functions:** overload, over-temperature, over-current, over-voltage, phase loss, and grounding protection functions are included.
 - Effective Safeguarding:** Limiting functions continuously protect your machinery.
- **Simple and Easy to Use**
 - LCD Dual-Display Panel:** Intuitive and easy to understand, with simple and convenient installation and debugging.
 - High-Quality Silicone Buttons:** Provide a comfortable and smooth control experience during adjustment.
- **Rich Interfaces**
 - 5 switch channels
 - 2 analog input/output channels
 - 1 encoder input/output channel
 - Compatible with mainstream PLC systems worldwide
- **High Expandability**
 - Compatible with a variety of encoder input cards
 - WXPG-01 (ABZ incremental encoder signal input)
 - WXPG-02 (rotary transformer signal input)
 - Other expansion cards available for selection

Technical Data

Type	Voltage	Input Current	Output Current	Rated Power	Horsepower	Frame Size	Approx WT	Recommended Power for Braking Resistor	Recommended Resistance
	V	A	A	kW	A	mm	Kg	kW	Ω
WX880-2T-0R7G-Z	220	5	3.8	0.75	1	187*74	1	0.15	≥110
WX880-2T-1R5G-Z	220	5.8	5.1	1.5	2	187*74	1	0.25	≥100
WX880-2T-2R2G-Z	220	10.5	9	2.2	3	187*74	1	0.3	≥65
WX880-4T-0R7G-Z	380	3.4	2.1	0.75	1	187*74	1	0.15	≥300
WX880-4T-1R5G-Z	380	5	3.8	1.5	2	187*74	1	0.15	≥200
WX880-4T-2R2G-Z	380	5.8	5.1	2.2	3	187*74	1	0.25	≥200
WX880-4T-4R0G/5R5P-Z	380	10.5	9	4	5	190*119	2	0.3	≥130
WX880-4T-5R5G/7R5P-Z	380	14.6	13	5.5	7.5	190*119	2	0.4	≥90
WX880-4T-7R5G/011P-Z	380	20.5	17	7.5	10	240*130	3.1	0.5	≥65
WX880-4T-011G/015P-Z	380	26	25	11	15	240*130	3.1	0.8	≥43
WX880-4T-015G/018P-Z	380	35	32	15	20	266*165	4.2	1	≥32
WX880-4T-018G/022P-Z	380	38.5	37	18.5	25	266*165	4.2	1.3	≥25
WX880-4T-022G/030P-Z	380	46.5	45	22	30	412.5*182	10	1.5	≥22
WX880-4T-030G/037P-Z	380	62	60	30	40	412.5*182	10	2.5	≥16
WX880-4T-037G/45P	380	76	75	37	50	452.5*222	13	3.7	≥16
WX880-4T-045G/55P	380	92	91	45	60	452.5*222	13	4.5	≥16
WX880-4T-055G/75P	380	112	106	55	75	543*175	25	5.5	≥8.0
WX880-4T-075G/90P	380	157	150	75	100	543*175	25	7.5	≥8.0
WX880-4T-090G/110P	380	180	176	90	120	633*205	35	4.5x2	≥8.0×2
WX880-4T-110G/132P	380	210	196	10	143	633*205	35	5.5x2	≥8.0×2
WX880-4T-132G/160P	380	253	240	132	170	780.5*284	50	6.5x2	≥8.0×2
WX880-4T-160G/185P	380	307	304	160	205	780.5*284	50	16	≥2.5
WX880-4T-185G/200P	380	340	330	185	240	928* (190*190)	70	18	≥2.5
WX880-4T-200G/220P	380	385	377	200	255	928* (190*190)	70	20	≥2.5
WX880-4T-220G/250P	380	430	426	220	275	928* (190*190)	70	22	≥2.5
WX880-4T-250G/280P	380	465	445	250	325	1028* (215*215)	100	12.5x2	≥2.5×2
WX880-4T-280G/315P	380	525	520	280	350	1028* (215*215)	100	14x2	≥2.5×2
WX880-4T-315G/350P	380	590	585	315	400	1028* (215*215)	100	16x2	≥2.5×2
WX880-4T-350G/400P	380	665	650	350	450	1028* (315*315)	170	17x2	≥2.5×2
WX880-4T-400G/500P	380	785	725	400	500	1028* (315*315)	170	14x3	≥2.5×2
WX880-4T-500G/630P	380	982	935	500	600	1028* (315*315)	170	15x3	≥2.5×2

Technlcal Data

Motor Type	Rated Power	Rated Speed	Efficiency	Power Factor	Current		Torque		Moment of inertia(J)	Approx WT
	kW	RPM	%		400V	690V	Locked Rotor	Pull Out	Kg-m ²	Kg
CST3-400F1-02P	355	2985	95.8	89	601	348	150	200	5.9	2550
CST3-400F2-02P	400	2985	95.8	89	677	393	150	200	6.4	2630
CST3-400F3-02P	450	2985	95.8	89	762	442	150	200	6.9	2810
CST3-400F4-02P	500	2985	95.8	89	846	491	150	200	7.4	3025
CST3-400F4-02P	560	2985	95.8	89	948	550	150	200	7.9	3075
CST3-400F5-02P	630	2985	95.8	89	1067	618	150	200	8.9	3150
CST3-400F1-04P	355	1485	96	88	607	352	110	200	14.2	2780
CST3-400F2-04P	400	1485	96	88	683	396	110	200	14.9	2980
CST3-400F3-04P	450	1485	96	88	769	446	110	200	15.9	3090
CST3-400F4-04P	500	1485	96	88	854	495	110	200	17.8	3190
CST3-400F5-04P	560	1485	96	88	957	555	110	200	19.7	3310
CST3-400F6-04P	630	1485	96	88	1076	624	110	200	20.5	3420
CST3-400F1-06P	315	990	95.8	85	558	324	120	200	23.3	2900
CST3-400F2-06P	355	990	95.8	85	629	365	120	200	25.1	3035
CST3-400F3-06P	400	990	95.8	85	709	411	120	200	27	3150
CST3-400F4-06P	450	990	95.8	85	798	462	120	200	29.4	3360
CST3-400F5-06P	500	990	95.8	85	886	514	120	200	30	3580
CST3-400F1-08P	250	742	94.7	81	470	273	110	200	26.7	2780
CST3-400F2-08P	280	742	94.8	81	526	305	110	200	28.9	3000
CST3-400F3-08P	315	742	94.9	81	591	343	110	200	31.1	3100
CST3-400F4-08P	355	742	95.1	81	665	386	110	200	33.7	3310
CST3-400F5-08P	400	742	95.2	81	749	434	110	200	35.6	3590
CST3-400F1-10P	180	590	94.0	78	354	205	110	200	25.2	2680
CST3-400F2-10P	200	590	94.1	78	393	228	110	200	27.1	2810
CST3-400F3-10P	220	590	94.2	78	432	251	110	200	28.6	3060
CST3-400F4-10P	250	592	94.3	78	491	284	110	200	30.1	3280
CST3-400F5-10P	280	592	94.5	78	548	318	110	200	32.8	3410
CST3-400F1-12P	160	492	94.4	72	340	197	100	200	27.4	2750
CST3-400F2-12P	180	492	94.5	72	382	221	100	200	28.6	2880
CST3-400F3-12P	200	492	94.6	72	424	246	100	200	29.8	3100
CST3-400F4-12P	220	492	94.7	72	466	270	100	200	31.9	3290
CST3-400F5-12P	250	492	94.8	72	529	306	100	200	33.8	3450