

SERIES: Siemens Industry, Inc.

APPLICATIONS

- ◆ At the load within Motor Control Centers (MCCs)

STANDARD FEATURES

- ◆ UL recognized component
- ◆ 2-year warranty
- ◆ 3-line fusing
- ◆ Discharge resistors per NEC requirements
- ◆ Assembled in the USA

STANDARD RATINGS

- ◆ 240, 480, 600 V
- ◆ 3-phase
- ◆ 60 Hz

CAPACITOR CELLS

- ◆ Continuous voltage rating:
 - 264 V for 240 V application
 - 528 V for 480 V application
 - 660 V for 600 V application
- ◆ Continuous current rating: 165% of nominal
- ◆ Ambient temperature rating: 140° F
- ◆ 130,000 hours rated life
- ◆ 2-year warranty
- ◆ Self-contained, 3-phase, delta-connected
- ◆ Industrial grade dry-type construction
- ◆ Losses of less than ½ watt per kVAR
- ◆ Self-healing metallized polypropylene dielectric film
- ◆ 3-phase overpressure disconnecter
- ◆ Hermetically-sealed aluminum case
- ◆ Finger-safe, maintenance free terminals

FUSES

- ◆ Fast-acting, current-limiting, with 200,000 ampere interrupting capacity



Siemens Energy & Automation, Inc.

FIELD WIRING TERMINATION

- ◆ Mechanical connections are provided for all field wiring termination points
- ◆ Refer to product manual for incoming conductor information

TWO MODELS AVAILABLE

- ◆ TFNX: blown fuse indication
- ◆ TFPX: fusing without indication

OPTIONS

- ◆ Other voltages and frequencies available
- ◆ Other kVAR configurations available

TRAY DESIGN EFFECTIVE JANUARY 2022

TRAY DESIGN	BUCKET	MAXIMUM kVAr			APPROX. DIMENSIONS (IN)		
		240 V	480 V	600 V	H	W	D
Single Siemens-Style Tray	A = 12 in H x 20 in W	30.0	30.0		9.00	19.50	8.50
Single Siemens-Style Tray	A = 12 in H x 20 in W		50.0	45.0	12.00	19.50	8.50
Single Siemens-Style Tray	B = 24 in H x 20 in W		60.0	60.0	15.00	19.50	8.50
Single Siemens-Style Tray	B = 24 in H x 20 in W		75.0		17.00	19.50	8.50

All dimensions are in inches. We reserve the right to change dimensions without notice.

FUSING INDICATION	PLEASE INSERT:
With Blown Fusing Indication	N
Without Indication	P

240 V / 3Ø / 60 Hz				480 V / 3Ø / 60 Hz				600 V / 3Ø / 60 Hz			
kVAr	PART NUMBER	BUCKET	AMPS*	kVAr	PART NUMBER	BUCKET	AMPS*	kVAr	PART NUMBER	BUCKET	AMPS*
1	TF_X33001-3	A	2.4	1	TF_X53001-3	A	1.2				
1.5	TF_X33001X-3	A	3.6	1.5	TF_X53001X-3	A	1.8				
2	TF_X33002-3	A	4.8	2	TF_X53002-3	A	2.4	2	TF_X73002-3	A	1.9
2.5	TF_X33002X-3	A	6.0	2.5	TF_X53002X-3	A	3.0	2.5	TF_X73002X-3	A	2.4
3	TF_X33003-3	A	7.2	3	TF_X53003-3	A	3.6	3	TF_X73003-3	A	2.9
4	TF_X33004-3	A	9.6	4	TF_X53004-3	A	4.8	4	TF_X73004-3	A	3.8
5	TF_X33005-3	A	12	5	TF_X53005-3	A	6.0	5	TF_X73005-3	A	4.8
6	TF_X33006-3	A	14	6	TF_X53006-3	A	7.2	6	TF_X73006-3	A	5.8
7.5	TF_X33007X-3	A	18	7.5	TF_X53007X-3	A	9.0	7.5	TF_X73007X-3	A	7.2
10	TF_X33010-3	A	24	10	TF_X53010-3	A	12	10	TF_X73010-3	A	9.6
12.5	TF_X33012X-3	A	30	12.5	TF_X53012X-3	A	15	12.5	TF_X73012X-3	A	12
15	TF_X33015-3	A	36	15	TF_X53015-3	A	18	15	TF_X73015-3	A	14
16	TF_X33016-3	A	38	16	TF_X53016-3	A	19	16	TF_X73016-3	A	15
17.5	TF_X33017X-3	A	42	17.5	TF_X53017X-3	A	21	17.5	TF_X73017X-3	A	16
20	TF_X33020-3	A	48	20	TF_X53020-3	A	24	20	TF_X73020-3	A	19
22.5	TF_X33022X-3	A	54	22.5	TF_X53022X-3	A	27	22.5	TF_X73022X-3	A	22
25	TF_X33025-3	A	60	25	TF_X53025-3	A	30	25	TF_X73025-3	A	24
27.5	TF_X33027X-3	A	66	27.5	TF_X53027X-3	A	33	27.5	TF_X73027X-3	A	26
30	TF_X33030-3	A	72	30	TF_X53030-3	A	36	30	TF_X73030-3	A	29
				32.5	TF_X53032X-3	A	39	32.5	TF_X73032X-3	A	31
				35	TF_X53035-3	A	42	35	TF_X73035-3	A	34
				37.5	TF_X53037X-3	A	45	37.5	TF_X73037X-3	A	36
				40	TF_X53040-3	A	48	40	TF_X73040-3	A	38
				42.5	TF_X53042X-3	A	51	42.5	TF_X73042X-3	A	41
				45	TF_X53045-3	A	54	45	TF_X73045-3	A	43
				50	TF_X53050-3	A	60	50	TF_X73050-3	B	48
				60	TF_X53060-3	B	72	60	TF_X73060-3	B	58
				70	TF_X53070-3	B	84				
				75	TF_X53075-3	B	90				

Complete part number by inserting indication preference.
 Ex. TFNX53010-3: Myron Zucker, Inc. Siemens Design with blown fuse indication.