

MICROMASTER 420

Options Variant dependent options

Selection and ordering data (continued)

Mains voltage	Output		Inverter without filter	Order No. of the options		
	kW	hp		Gland plate	Fuse (see Catalog LV 1)	Circuit-breaker (see Catalog LV 1)
1 AC 200 V to 240 V	0.12	0.16	6SE6420-2UC11-2AA1	6SE6400-0GP00-0AA0	3NA3803	3RV1021-1DA10
	0.25	0.33	6SE6420-2UC12-5AA1			3RV1021-1GA10
	0.37	0.50	6SE6420-2UC13-7AA1			3RV1021-1HA10
	0.55	0.75	6SE6420-2UC15-5AA1			3RV1021-1JA10
	0.75	1.0	6SE6420-2UC17-5AA1	6SE6400-0GP00-0BA0	3NA3805	3RV1021-4AA10
	1.1	1.5	6SE6420-2UC21-1BA1		3NA3807	3RV1021-4BA10
	1.5	2.0	6SE6420-2UC21-5BA1		3RV1021-4DA10	
	2.2	3.0	6SE6420-2UC22-2BA1		3NA3812	3RV1031-4FA10
	3.0	4.0	6SE6420-2UC23-0CA1		6SE6400-0GP00-0CA0	3NA3817
3 AC 200 V to 240 V	0.12	0.16	6SE6420-2UC11-2AA1	6SE6400-0GP00-0AA0	3NA3803	3RV1021-1AA10
	0.25	0.33	6SE6420-2UC12-5AA1			3RV1021-1DA10
	0.37	0.50	6SE6420-2UC13-7AA1			3RV1021-1EA10
	0.55	0.75	6SE6420-2UC15-5AA1			3RV1021-1GA10
	0.75	1.0	6SE6420-2UC17-5AA1	6SE6400-0GP00-0BA0	3NA3805	3RV1021-1HA10
	1.1	1.5	6SE6420-2UC21-1BA1			3RV1021-1KA10
	1.5	2.0	6SE6420-2UC21-5BA1			3RV1021-4AA10
	2.2	3.0	6SE6420-2UC22-2BA1		3NA3807	3RV1021-4BA10
	3.0	4.0	6SE6420-2UC23-0CA1		6SE6400-0GP00-0CA0	3NA3810
	4.0	5.0	6SE6420-2UC24-0CA1		3NA3812	3RV1031-4EA10
	5.5	7.5	6SE6420-2UC25-5CA1		3NA3814	3RV1031-4FA10
3 AC 380 V to 480 V	0.37	0.50	6SE6420-2UD13-7AA1		6SE6400-0GP00-0AA0	3NA3803
	0.55	0.75	6SE6420-2UD15-5AA1	3RV1021-1DA10		
	0.75	1.0	6SE6420-2UD17-5AA1	3RV1021-1EA10		
	1.1	1.5	6SE6420-2UD21-1AA1	3RV1021-1GA10		
	1.5	2.0	6SE6420-2UD21-5AA1	6SE6400-0GP00-0BA0	3NA3805	3RV1021-1HA10
	2.2	3.0	6SE6420-2UD22-2BA1			3RV1021-1JA10
	3.0	4.0	6SE6420-2UD23-0BA1			3RV1021-1KA10
	4.0	5.0	6SE6420-2UD24-0BA1		3NA3807	3RV1021-4AA10
	5.5	7.5	6SE6420-2UD25-5CA1		6SE6400-0GP00-0CA0	3RV1021-4CA10
	7.5	10.0	6SE6420-2UD27-5CA1		3NA3810	3RV1031-4EA10
11	15.0	6SE6420-2UD31-1CA1	3NA3814		3RV1031-4GA10	
			Inverter with internal filter Class A			
1 AC 200 V to 240 V	0.12	0.16	6SE6420-2AB11-2AA1	6SE6400-0GP00-0AA0	3NA3803	3RV1021-1DA10
	0.25	0.33	6SE6420-2AB12-5AA1			3RV1021-1GA10
	0.37	0.50	6SE6420-2AB13-7AA1			3RV1021-1HA10
	0.55	0.75	6SE6420-2AB15-5AA1			3RV1021-1JA10
	0.75	1.0	6SE6420-2AB17-5AA1	6SE6400-0GP00-0BA0	3NA3805	3RV1021-4AA10
	1.1	1.5	6SE6420-2AB21-1BA1		3NA3807	3RV1021-4BA10
	1.5	2.0	6SE6420-2AB21-5BA1		3RV1021-4DA10	
	2.2	3.0	6SE6420-2AB22-2BA1		3NA3812	3RV1031-4FA10
	3.0	4.0	6SE6420-2AB23-0CA1		6SE6400-0GP00-0CA0	3NA3817
3 AC 200 V to 240 V	3.0	4.0	6SE6420-2AC23-0CA1	6SE6400-0GP00-0CA0	3NA3810	3RV1021-4CA10
	4.0	5.0	6SE6420-2AC24-0CA1		3NA3812	3RV1031-4EA10
	5.5	7.5	6SE6420-2AC25-5CA1		3NA3814	3RV1031-4FA10
3 AC 380 V to 480 V	2.2	3.0	6SE6420-2AD22-2BA1	6SE6400-0GP00-0BA0	3NA3805	3RV1021-1JA10
	3.0	4.0	6SE6420-2AD23-0BA1			3RV1021-1KA10
	4.0	5.0	6SE6420-2AD24-0BA1		3NA3807	3RV1021-4AA10
	5.5	7.5	6SE6420-2AD25-5CA1	6SE6400-0GP00-0CA0	3RV1021-4CA10	
	7.5	10.0	6SE6420-2AD27-5CA1	3NA3810	3RV1031-4EA10	
	11	15.0	6SE6420-2AD31-1CA1	3NA3814	3RV1031-4GA10	

MICROMASTER 430

Options Variant dependent options

Selection and ordering data

The options listed here (filters, chokes, gland plates, fuses and circuit-breakers) must be selected to match the inverter.

The inverter and the associated options have the same voltage ratings. Alternatively fuses and circuit-breakers can be

provided. Both provide short circuit protection of the inverter supply line and the inverter. A semiconductor protection of

the inverter with the suggested 3NA... fuses and the 3RV.../3VL... circuit-breakers is not envisaged.

Mains voltage	Output kW	hp	Inverter without filter	Order No. of the options EMC filter, Class A	EMC filter, Class B	Line commutating choke
3 AC 380 V to 480 V	7.5	10	6SE6430-2UD27-5CA0	–	–	6SE6400-3CC02-2CD3
	11.0	15	6SE6430-2UD31-1CA0	–	–	
	15.0	20	6SE6430-2UD31-5CA0	–	–	6SE6400-3CC03-5CD3
	18.5	25	6SE6430-2UD31-8DA0	–	EMC filter, Class B, available from Schaffner	6SE6400-3CC04-4DD0
	22	30	6SE6430-2UD32-2DA0	–		
	30	40	6SE6430-2UD33-0DA0	–		6SE6400-3CC05-2DD0
	37	50	6SE6430-2UD33-7EA0	–		6SE6400-3CC08-3ED0
	45	60	6SE6430-2UD34-5EA0	–		
	55	75	6SE6430-2UD35-5FA0	–		6SE6400-3CC11-2FD0
	75	100	6SE6430-2UD37-5FA0	–		
	90	120	6SE6430-2UD38-8FA0	–		6SE6400-3CC11-7FD0
	110	150	6SE6430-2UD41-1FA0	6SL3000-0BE32-5AA0 *)	–	6SL3000-0CE32-3AA0
	132	200	6SE6430-2UD41-3FA0	6SL3000-0BE34-4AA0 *)	–	6SL3000-0CE32-8AA0
	160	250	6SE6430-2UD41-6GA0	–	–	6SL3000-0CE33-3AA0
	200	300	6SE6430-2UD42-0GA0	–	–	6SL3000-0CE35-1AA0
	250	350	6SE6430-2UD42-5GA0	6SL3000-0BE36-0AA0 *)	–	

*) Must be used in combination with a line commutating choke.

Mains voltage	Output kW	hp	Inverter without filter	Order No. of the options LC/sinusoidal filter	Output choke	Gland plate
3 AC 380 V to 480 V	7.5	10	6SE6430-2UD27-5CA0	6SE6400-3TD03-2CD0	6SE6400-3TC03-2CD3	6SE6400-0GP00-0CA0
	11.0	15	6SE6430-2UD31-1CA0			
	15.0	20	6SE6430-2UD31-5CA0			
	18.5	25	6SE6430-2UD31-8DA0	6SE6400-3TD03-7DD0	6SE6400-3TC05-4DD0	Integrated as standard for shield connection of the control cable and the power cable.
	22	30	6SE6430-2UD32-2DA0	6SE6400-3TD04-8DD0	6SE6400-3TC03-8DD0	
	30	40	6SE6430-2UD33-0DA0	6SE6400-3TD06-1DD0	6SE6400-3TC05-4DD0	
	37	50	6SE6430-2UD33-7EA0	6SE6400-3TD07-2ED0	6SE6400-3TC08-0ED0	
	45	60	6SE6430-2UD34-5EA0	6SE6400-3TD11-5FD0	6SE6400-3TC07-5ED0	
	55	75	6SE6430-2UD35-5FA0		6SE6400-3TC14-5FD0	Integrated as standard for shield connection of the control cable. The shield of the power cable has to be connected externally (e.g. in the control cabinet).
	75	100	6SE6430-2UD37-5FA0	6SE6400-3TD15-0FD0	6SE6400-3TC15-4FD0	
	90	120	6SE6430-2UD38-8FA0	6SE6400-3TD18-0FD0	6SE6400-3TC14-5FD0	
	110	150	6SE6430-2UD41-1FA0	6SL3000-2CE32-3AA0	6SL3000-2BE32-1AA0	
	132	200	6SE6430-2UD41-3FA0		6SL3000-2BE32-6AA0	
	160	250	6SE6430-2UD41-6GA0	6SL3000-2CE32-8AA0	6SL3000-2BE33-2AA0	
	200	300	6SE6430-2UD42-0GA0	6SL3000-2CE33-3AA0	6SL3000-2BE33-8AA0	
	250	350	6SE6430-2UD42-5GA0	6SL3000-2CE34-1AA0	6SL3000-2BE35-0AA0	

Mains voltage	Output kW	hp	Inverter without filter	Order No. of the options Fuses (see Catalog LV 1) 3NA3	3NE1 (VA) (see page 3/15)	Circuit-breaker (see Catalog LV 1)
3 AC 380 V to 480 V	7.5	10	6SE6430-2UD27-5CA0	3NA3807	● (see page 3/15)	3RV1031-4EA10
	11.0	15	6SE6430-2UD31-1CA0	3NA3812		3RV1031-4FA10
	15.0	20	6SE6430-2UD31-5CA0	3NA3814		3RV1031-4HA10
	18.5	25	6SE6430-2UD31-8DA0	3NA3820		3RV1042-4KA10
	22	30	6SE6430-2UD32-2DA0	3NA3822	3NE1817-0	
	30	40	6SE6430-2UD33-0DA0	3NA3824	3NE1818-0	
	37	50	6SE6430-2UD33-7EA0	3NA3830	3NE1820-0	3RV1042-4MA10
	45	60	6SE6430-2UD34-5EA0	3NA3832	3NE1021-0	3VL1712-.DD33-....
	55	75	6SE6430-2UD35-5FA0	3NA3836	3NE1022-0	3VL1716-.DD33-....
	75	100	6SE6430-2UD37-5FA0	3NA3836	3NE1224-0	3VL3720-.DC36-....
	90	120	6SE6430-2UD38-8FA0	3NA3140	3NE1225-0	3VL3725-.DC36-....
	110	150	6SE6430-2UD41-1FA0	3NA3144	3NE1227-0	3VL3725-.DC36-....
	132	200	6SE6430-2UD41-3FA0	–	3NE1230-0	3VL4731-.DC36-....
	160	250	6SE6430-2UD41-6GA0	–	3NE1332-0	
	200	300	6SE6430-2UD42-0GA0	–	3NE1333-0	3VL4740-.DC36-....
	250	350	6SE6430-2UD42-5GA0	–	3NE1435-0	3VL5750-.DC36-....

Selection and ordering data (continued)

All options are certified to , except fuses.
The 3NE1 fuses are -listed (equivalent to ).

Additional information on the listed fuses and circuit-breakers can be found in Catalogs LV 1 and LV 1 T.

- Use in America requires -listed fuses such as the Class NON/NOS range from Bussmann.

Mains voltage	Output		Inverter with internal filter Class A	Order No. of the options		
	kW	hp		Additional EMC filter, Class B	Line commutating choke	LC filter
3 AC 380 V to 480 V	7.5	10	6SE6430-2AD27-5CA0	6SE6400-2FS03-8CD0	6SE6400-3CC02-2CD3	6SE6400-3TD03-2CD0
	11.0	15	6SE6430-2AD31-1CA0			
	15.0	20	6SE6430-2AD31-5CA0		6SE6400-3CC03-5CD3	
	18.5	25	6SE6430-2AD31-8DA0	An inverter without filter must be selected to satisfy the EMC requirements of Class B. In addition, an appropriate EMC filter of Class B is from Schaffner is required.	6SE6400-3CC04-4DD0	6SE6400-3TD03-7DD0
	22	30	6SE6430-2AD32-2DA0			6SE6400-3TD04-8DD0
	30	40	6SE6430-2AD33-0DA0		6SE6400-3CC05-2DD0	6SE6400-3TD06-1DD0
	37	50	6SE6430-2AD33-7EA0		6SE6400-3CC08-3ED0	6SE6400-3TD07-2ED0
	45	60	6SE6430-2AD34-5EA0			6SE6400-3TD11-5FD0
	55	75	6SE6430-2AD35-5FA0		6SE6400-3CC11-2FD0	
	75	100	6SE6430-2AD37-5FA0			6SE6400-3TD15-0FD0
	90	120	6SE6430-2AD38-8FA0		6SE6400-3CC11-7FD0	6SE6400-3TD18-0FD0

Mains voltage	Output		Inverter with internal filter Class A	Order No. of the options	
	kW	hp		Output choke	Gland plate
3 AC 380 V to 480 V	7.5	10	6SE6430-2AD27-5CA0	6SE6400-3TC03-2CD3	6SE6400-0GP00-0CA0
	11.0	15	6SE6430-2AD31-1CA0		
	15.0	20	6SE6430-2AD31-5CA0		
	18.5	25	6SE6430-2AD31-8DA0	6SE6400-3TC05-4DD0	Integrated as standard for shield connection of the control cable and the power cable.
	22	30	6SE6430-2AD32-2DA0	6SE6400-3TC03-8DD0	
	30	40	6SE6430-2AD33-0DA0	6SE6400-3TC05-4DD0	
	37	50	6SE6430-2AD33-7EA0	6SE6400-3TC08-0ED0	
	45	60	6SE6430-2AD34-5EA0	6SE6400-3TC07-5ED0	
	55	75	6SE6430-2AD35-5FA0	6SE6400-3TC14-5FD0	
	75	100	6SE6430-2AD37-5FA0	6SE6400-3TC15-4FD0	
	90	120	6SE6430-2AD38-8FA0	6SE6400-3TC14-5FD0	

Mains voltage	Output		Inverter with internal filter Class A	Order No. of the options		Circuit-breaker (see Catalog LV 1)
	kW	hp		Fuses (see Catalog LV 1) 3NA3	3NE1 ()	
3 AC 380 V to 480 V	7.5	10	6SE6430-2AD27-5CA0	3NA3807	●	3RV1031-4EA10
	11.0	15	6SE6430-2AD31-1CA0	3NA3812		3RV1031-4FA10
	15.0	20	6SE6430-2AD31-5CA0	3NA3814		3RV1031-4HA10
	18.5	25	6SE6430-2AD31-8DA0	3NA3820	3NE1817-0	3RV1042-4KA10
	22	30	6SE6430-2AD32-2DA0	3NA3822	3NE1818-0	
	30	40	6SE6430-2AD33-0DA0	3NA3824	3NE1820-0	3RV1042-4MA10
	37	50	6SE6430-2AD33-7EA0	3NA3830	3NE1021-0	3VL1712-.DD33-....
	45	60	6SE6430-2AD34-5EA0	3NA3832	3NE1022-0	3VL1716-.DD33-....
	55	75	6SE6430-2AD35-5FA0	3NA3836	3NE1224-0	3VL3720-.DC36-....
	75	100	6SE6430-2AD37-5FA0	3NA3140	3NE1225-0	3VL3725-.DC36-....
	90	120	6SE6430-2AD38-8FA0	3NA3144	3NE1227-0	3VL4731-.DC36-....

Selection and ordering data (continued)

MICROMASTER 440

Options Variant dependent options

Selection and ordering data (continued)

Mains voltage	Output (CT)		Inverter with internal filter Class A	Order No. of the options Fuses (see Catalog LV 1)		Circuit-breaker (see Catalog LV 1)
	kW	hp		3NA3	3NE1 (9A)	
1 AC 200 V to 240 V	0.12	0.16	6SE6440-2AB11-2AA1	3NA3803	●	3RV1021-1EA10
	0.25	0.33	6SE6440-2AB12-5AA1			3RV1021-1HA10
	0.37	0.50	6SE6440-2AB13-7AA1			3RV1021-1JA10
	0.55	0.75	6SE6440-2AB15-5AA1	3NA3805		3RV1021-1KA10
	0.75	1.0	6SE6440-2AB17-5AA1			3RV1021-4AA10
	1.1	1.5	6SE6440-2AB21-1BA1	3NA3807		3RV1021-4DA10
	1.5	2.0	6SE6440-2AB21-5BA1			3RV1031-4EA10
	2.2	3.0	6SE6440-2AB22-2BA1	3NA3812		3RV1031-4FA10
	3.0	4.0	6SE6440-2AB23-0CA1	3NA3817		3RV1041-4JA10
3 AC 200 V to 240 V	3.0	4.0	6SE6440-2AC23-0CA1	3NA3810	●	3RV1031-4EA10
	4.0	5.0	6SE6440-2AC24-0CA1	3NA3812		3RV1031-4FA10
	5.5	7.5	6SE6440-2AC25-5CA1	3NA3814		3RV1031-4HA10
3 AC 380 V to 480 V	2.2	3.0	6SE6440-2AD22-2BA1	3NA3805	●	3RV1021-1KA10
	3.0	4.0	6SE6440-2AD23-0BA1			3RV1021-4AA10
	4.0	5.0	6SE6440-2AD24-0BA1	3NA3807		3RV1021-4BA10
	5.5	7.5	6SE6440-2AD25-5CA1			3RV1031-4EA10
	7.5	10	6SE6440-2AD27-5CA1	3NA3812		3RV1031-4FA10
	11.0	15	6SE6440-2AD31-1CA1	3NA3814		3RV1031-4HA10
	15.0	20	6SE6440-2AD31-5DA1	3NA3820	3NE1817-0	3RV1042-4KA10
	18.5	25	6SE6440-2AD31-8DA1	3NA3822	3NE1818-0	
	22	30	6SE6440-2AD32-2DA1	3NA3824	3NE1820-0	3RV1042-4MA10
	30	40	6SE6440-2AD33-0EA1	3NA3830	3NE1021-0	3VL1712-.DD33-....
	37	50	6SE6440-2AD33-7EA1	3NA3832	3NE1022-0	3VL1716-.DD33-....
	45	60	6SE6440-2AD34-5FA1	3NA3836	3NE1224-0	3VL3720-.DC36-....
	55	75	6SE6440-2AD35-5FA1	3NA3140	3NE1225-0	3VL3725-.DC36-....
	75	100	6SE6440-2AD37-5FA1	3NA3144	3NE1227-0	3VL4731-.DC36-....

● Use in America requires
Ⓢ-listed fuses such as the
Class NON/NOS range
from Bussmann.