

### MICROMASTER 430 inverter

| Output   |     | Rated input current | Rated output current | Frame size | Order No.                                    |  |
|--|-----|---------------------|----------------------|------------|--|--|
| kW   | hp  | A                   | A                    | (FS)       | MICROMASTER 430 without filter <sup>4)</sup> | MICROMASTER 430 with internal filter Class A <sup>3)</sup> |
| <b>Mains operating voltage 3 AC 380 V to 480 V</b> |     |                     |                      |            |  |  |
| 7.5  | 10  | 17.3 <sup>1)</sup>  | 19                   | C          | 6SE6430-2UD27-5CA0                           | 6SE6430-2AD27-5CA0   |
| 11.0   | 15  | 23.1 <sup>1)</sup>  | 26                   | C          | 6SE6430-2UD31-1CA0                           | 6SE6430-2AD31-1CA0   |
| 15.0   | 20  | 33.8 <sup>1)</sup>  | 32                   | C          | 6SE6430-2UD31-5CA0                           | 6SE6430-2AD31-5CA0   |
| 18.5   | 25  | 37.0 <sup>1)</sup>  | 38                   | D          | 6SE6430-2UD31-8DA0                           | 6SE6430-2AD31-8DA0   |
| 22   | 30  | 43.0 <sup>1)</sup>  | 45                   | D          | 6SE6430-2UD32-2DA0                           | 6SE6430-2AD32-2DA0   |
| 30   | 40  | 59.0 <sup>1)</sup>  | 62                   | D          | 6SE6430-2UD33-0DA0                           | 6SE6430-2AD33-0DA0   |
| 37   | 50  | 72.0 <sup>1)</sup>  | 75                   | E          | 6SE6430-2UD33-7EA0                           | 6SE6430-2AD33-7EA0   |
| 45   | 60  | 87.0 <sup>1)</sup>  | 90                   | E          | 6SE6430-2UD34-5EA0                           | 6SE6430-2AD34-5EA0   |
| 55   | 75  | 104.0 <sup>1)</sup> | 110                  | F          | 6SE6430-2UD35-5FA0                           | 6SE6430-2AD35-5FA0   |
| 75   | 100 | 139.0 <sup>1)</sup> | 145                  | F          | 6SE6430-2UD37-5FA0                           | 6SE6430-2AD37-5FA0   |
| 90   | 120 | 169.0 <sup>1)</sup> | 178                  | F          | 6SE6430-2UD38-8FA0                           | 6SE6430-2AD38-8FA0   |
| 110  | 150 | 200.0 <sup>2)</sup> | 205                  | FX         | 6SE6430-2UD41-1FA0                           | -  |
| 132  | 200 | 245.0 <sup>2)</sup> | 250                  | FX         | 6SE6430-2UD41-3FA0                           | -  |
| 160  | 250 | 297.0 <sup>2)</sup> | 302                  | GX         | 6SE6430-2UD41-6GA0                           | -  |
| 200  | 300 | 354.0 <sup>2)</sup> | 370                  | GX         | 6SE6430-2UD42-0GA0                           | -  |
| 250  | 350 | 442.0 <sup>2)</sup> | 477                  | GX         | 6SE6430-2UD42-5GA0                           | -  |



All MICROMASTER 430 inverters are supplied with a Status Display Panel (SDP). A BOP-2 or other options have to be ordered separately

#### Motors for MICROMASTER 430

Catalog D 81.1 contains selection and ordering data for motors which are particularly suitable for operation with the MICROMASTER 430 inverters (see Appendix for overview).

This catalog is suitable for IEC motors. For motors according to US standards (NEMA) please refer to Catalog D 81.2 U.S./Canada (see Appendix for overview) and to: <http://www.sea.siemens.com/motors>

1) Supplementary conditions: Input current at rated operating point, applicable at short-circuit voltage of the supply  $U_{SC} = 2\%$  with reference to the inverter rated power and rated mains operating voltage of 400 V without a line commutating choke.

2) Supplementary conditions: Input current at rated operating point, applicable at short-circuit voltage of the supply  $U_{SC} \geq 2.33\%$  with reference to the inverter rated power and rated mains voltage of 400 V.

3) Use of MICROMASTER inverters with internal filter is not permissible on non-grounded mains supplies.

4) Acc. to EMC EN 61800-3 generally suited to heavy industrial applications.