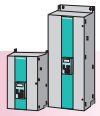


SIMOREG 6RA70 DC MASTER

Selection & Ordering Data

6RA70
DC MASTER



Base drive panel selection

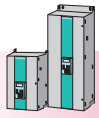
Base drive panel models

Base drive panel models are available in single and four quadrant designs from 15 A to 1660 A ratings. These models feature the 6RA70 power module, line fuses, contactor, control transformer, and connections mounted on a back panel.

Drive packages consisting of a base drive controller and motor along with drive enclosures are also available. Consult factory for details and pricing.



Fig. 3/2
Base drive panel examples of 15 A, 210 A and 510 A models



**6RA70
DC MASTER**

SIMOREG 6RA70 DC MASTER Selection & Ordering Data

Base drive panel selection

Selection and ordering data

Base drive panel

Single quadrant, non-regenerative

| Horsepower 240 V DC ¹⁾ | 500 V DC | Rated Armature A | Catalog No. ²⁾³⁾ |
|--------------------------------------|----------|---------------------|-----------------------------|
| 3 HP | 7.5 HP | 15 A DC | 6RA7013-2FS22-0 |
| 7.5 HP | 15 HP | 30 A DC | 6RA7018-2FS22-0 |
| 15 HP | 30 HP | 60 A DC | 6RA7025-2FS22-0 |
| 25 HP | 60 HP | 100 A DC | 6RA7030-2FS22-0 |
| 40 HP | 75 HP | 140 A DC | 6RA7072-2FS22-0 |
| 60 HP | 125 HP | 210 A DC | 6RA7075-2FS22-0 |
| 75 HP | 150 HP | 255 A DC | 6RA7077-2FS22-0 |
| 125 HP | 250 HP | 430 A DC | 6RA7082-2FS22-0 |
| 150 HP | 300 HP | 510 A DC | 6RA7083-2FS22-0 |
| 250 HP | 500 HP | 850 A DC | 6RA7087-2FS22-0 |
| – | 700 HP | 1 180 A DC | 6RA7091-2FS22-0 |
| – | 1000 HP | 1660 A DC | 6RA7094-2FS22-0 |

Base drive panel

Four quadrant, regenerative ⁴⁾

| Horsepower 240 V DC ¹⁾ | 500 V DC | Rated Armature A | Catalog No. ²⁾³⁾ |
|--------------------------------------|--------------|---------------------|-----------------------------|
| 3 HP | 7.5 HP | 15 A DC | 6RA7013-2FV62-0 |
| 7.5 HP | 15 HP | 30 A DC | 6RA7018-2FV62-0 |
| 15 HP | 30 HP | 60 A DC | 6RA7025-2FV62-0 |
| 25 HP | 60 HP | 100 A DC | 6RA7030-2FV62-0 |
| 40 HP | 75 HP | 140 A DC | 6RA7072-2FV62-0 |
| 60 HP | 125 HP | 210 A DC | 6RA7075-2FV62-0 |
| 75 HP | 150 HP | 255 A DC | 6RA7077-2FV62-0 |
| 125 HP | 250 HP | 430 A DC | 6RA7082-2FV62-0 |
| 150 HP | 300 HP | 510 A DC | 6RA7083-2FV62-0 |
| 250 HP | 500 HP | 850 A DC | 6RA7087-2FV62-0 |
| – | 700 HP | 1 180 A DC | 6RA7091-2FV62-0 |
| – | 1000 HP | 1660 A DC | 6RA7094-2FV62-0 |

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1) Standard voltage configuration as shipped is 460 V AC. See Technical manual for 230 V AC connection.

2) SIMOREG drive controllers will be shipped without options installed.

3) DC motor and drive enclosure not included.

4) Designed for operation with straight shunt wound motors.