

## iG5A ▶ G100/G100C

**G100** 3Phase 200V-240V 0.4kW-22kW (1/2-30HP)  
3Phase 380V-480V 0.4kW-22kW (1/2-30HP)

**G100C** 3Phase 200V-240V 0.4kW-1.5kW (1/2-2HP)  
3Phase 380V-480V 0.4kW-1.5kW (1/2-2HP)



제품 매뉴얼 QR Code

YouTube

LS ELECTRIC  
Automation OASIS오퍼레이터 (Operator)  
비교

| 구분      | iG5A                               | G100 / G100C                                                                    |
|---------|------------------------------------|---------------------------------------------------------------------------------|
| Display | 7-Segment Display                  | 7-Segment Display                                                               |
| LED     | • FWD(정방향) 표시등 • REV(역방향) 표시등      | • SET(설정) 표시등 • RUN(운전 중) 표시등<br>• FWD(정방향) 표시등 • REV(역방향) 표시등                  |
| 입력 Key  | • Run • Stop/Reset • 4방향 키 • Enter | • Run • Stop/Reset • 상, 하 방향 키 • Mode/Shift<br>• Enter • Potentiometer(가변저항 내장) |

## FAN 교체 기능

| iG5A      | G100 / G100C                                                      |
|-----------|-------------------------------------------------------------------|
| FAN 교체 불가 | <p>• 편리한 FAN 교체 기능 제공</p> <p>① FAN 커버 탈착</p> <p>② FAN 분리 후 교체</p> |

# G100/G100C 대체 가이드

## Line Up

| 용량            | 단상 200V 계열 * | 3상 200V 계열                 |                                           | 3상 400V 계열 *               |                                             |
|---------------|--------------|----------------------------|-------------------------------------------|----------------------------|---------------------------------------------|
|               | iG5A         | iG5A                       | G100 / G100C                              | iG5A                       | G100 / G100C                                |
| 0.4kW (0.5HP) | SV004iG5A-1  | SV004iG5A-2                | LSLV0004G100-2EONN<br>LSLV0004G100C-2EONN | SV004iG5A-4                | LSLV0004G100-4EO(F)N<br>LSLV0004G100C-4EONN |
| 0.75kW (1HP)  | SV008iG5A-1  | SV008iG5A-2                | LSLV0008G100-2EONN<br>LSLV0008G100C-2EONN | SV008iG5A-4                | LSLV0008G100-4EO(F)N<br>LSLV0008G100C-4EONN |
| 1.5kW (2HP)   | SV015iG5A-1  | SV015iG5A-2                | LSLV0015G100-2EONN<br>LSLV0015G100C-2EONN | SV015iG5A-4                | LSLV0015G100-4EO(F)N<br>LSLV0015G100C-4EONN |
| 2.2kW (3HP)   |              | SV022iG5A-2                | LSLV0022G100-2EONN                        | SV022iG5A-4                | LSLV0022G100-4EO(F)N                        |
| 4.0kW (5HP) * |              | SV037iG5A-2<br>SV040iG5A-2 | LSLV0040G100-2EONN                        | SV037iG5A-4<br>SV040iG5A-4 | LSLV0040G100-4EO(F)N                        |
| 5.5kW (7.5HP) |              | SV055iG5A-2                | LSLV0055G100-2EONN                        | SV055iG5A-4                | LSLV0055G100-4EO(F)N                        |
| 7.5kW (10HP)  |              | SV075iG5A-2                | LSLV0075G100-2EONN                        | SV075iG5A-4                | LSLV0075G100-4EO(F)N                        |
| 11.0kW (15HP) |              | SV110iG5A-2                | LSLV0110G100-2EONN                        | SV110iG5A-4                | LSLV0110G100-4EO(F)N                        |
| 15.0kW (20HP) |              | SV150iG5A-2                | LSLV0150G100-2EONN                        | SV150iG5A-4                | LSLV0150G100-4EO(F)N                        |
| 18.5kW (25HP) |              | SV185iG5A-2                | LSLV0185G100-2EONN                        | SV185iG5A-4                | LSLV0185G100-4EO(F)N                        |
| 22.0kW (30HP) |              | SV220iG5A-2                | LSLV0220G100-2EONN                        | SV220iG5A-4                | LSLV0220G100-4EO(F)N                        |

※ 단상200V 계열은 LSLV-M100 Type 적용  
※ G100은 4.0KW 통합(3.7KW는 4.0KW사용)

※ G100C는 Built-in EMC 필터 미제공  
※ EOFN은 EMC Filter 내장 타입

## Loader Remote Option



※ G100 Remote Option 대체 시 브라켓 외형도 참조

## G100 Remote Option 대체 브라켓 외형



## 파워 단자대 비교

### iG5A ▶ G100

| iG5A             |  | G100             |  |
|------------------|--|------------------|--|
| 0.4kW,<br>1.5kW  |  | 0.4kW ~<br>2.2kW |  |
| 2.2kW,<br>4.0kW  |  | 4kW              |  |
| 5.5kW ~<br>7.5kW |  | 5.5kW ~<br>7.5kW |  |
| 11kW ~<br>22kW   |  | 11kW ~<br>22kW   |  |

### iG5A ▶ G100C

| iG5A            |  | G100C           |  |
|-----------------|--|-----------------|--|
| 0.4kW,<br>1.5kW |  | 0.4kW,<br>1.5kW |  |

## Ground 단자

| iG5A   |  | G100 / G100C |  |
|--------|--|--------------|--|
| Ground |  | Ground       |  |

|                             | iG5A         | G100 / G100C        |
|-----------------------------|--------------|---------------------|
| Ground Terminal             |              |                     |
| AC Power Input Terminals    | R, S, T      | R, S, T             |
| Brake Resistor Terminals    | B1, B2       | B1, B2              |
| DC Voltage Output Terminals | P1(+) / N(-) | P1(+), P2(+) / N(-) |
| Motor Output Terminals      | U, V, W      | U, V, W             |

# G100/G100C 대체 가이드

## iG5A ▶ G100/G100C

### 제품 사이즈

#### 0.4kW ~ 4.0kW

| 전압 (V) | 용량 (kW) | iG5A   |        |        | G100C (Compact) |        |        | G100   |        |        |
|--------|---------|--------|--------|--------|-----------------|--------|--------|--------|--------|--------|
|        |         | W [mm] | H [mm] | D [mm] | W [mm]          | H [mm] | D [mm] | W [mm] | H [mm] | D [mm] |
| 200V   | 0.4     | 70     | 128    | 130    | 70              | 128    | 130    | 86.2   | 164    | 131.5  |
|        | 0.75    | 70     | 128    | 130    | 70              | 128    | 135    | 86.2   | 164    | 131.5  |
|        | 1.5     | 100    | 128    | 130    | 100             | 128    | 135    | 101    | 177    | 150.5  |
|        | 2.2     | 140    | 128    | 155    | -               | -      | -      | 101    | 177    | 150.5  |
|        | 3.7     | 140    | 128    | 155    | -               | -      | -      | 135    | 193    | 150.5  |
|        | 4.0     | 140    | 128    | 155    | -               | -      | -      | 135    | 193    | 150.5  |
| 400V   | 0.4     | 70     | 128    | 130    | 70              | 128    | 130    | 86.2   | 164    | 131.5  |
|        | 0.75    | 70     | 128    | 130    | 70              | 128    | 135    | 86.2   | 164    | 131.5  |
|        | 1.5     | 100    | 128    | 130    | 100             | 128    | 135    | 101    | 177    | 150.5  |
|        | 2.2     | 140    | 128    | 155    | -               | -      | -      | 101    | 177    | 150.5  |
|        | 3.7     | 140    | 128    | 155    | -               | -      | -      | 135    | 193    | 150.5  |
|        | 4.0     | 140    | 128    | 155    | -               | -      | -      | 135    | 193    | 150.5  |

※ Size 기준 : Volume Jog 높이 제외 조건임. ※ G100C 0.4kW는 자연냉각 방식  
※ G100은 4.0kW 통합(3.7kW는 4.0kW사용)

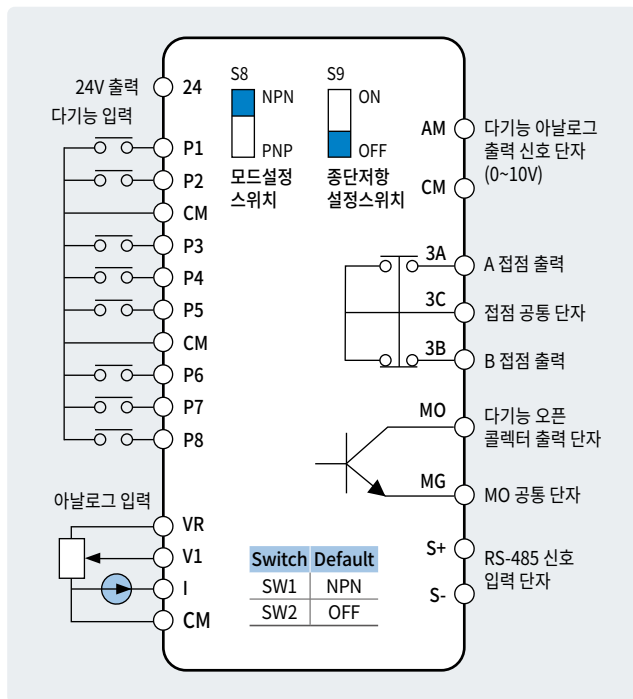
#### 5.5kW ~ 22kW

| 전압 (V) | 용량 (kW) | iG5A   |        |        | G100   |        |        |
|--------|---------|--------|--------|--------|--------|--------|--------|
|        |         | W [mm] | H [mm] | D [mm] | W [mm] | H [mm] | D [mm] |
| 200V   | 5.5     | 180    | 220    | 170    | 180    | 240    | 144    |
|        | 7.5     | 180    | 220    | 170    | 180    | 240    | 144    |
|        | 11      | 235    | 320    | 189.5  | 180    | 290    | 173    |
|        | 15      | 235    | 320    | 189.5  | 220    | 350    | 187    |
|        | 18.5    | 260    | 410    | 208.5  | 260    | 400    | 187    |
|        | 22      | 260    | 410    | 208.5  | 260    | 400    | 187    |
| 400V   | 5.5     | 180    | 220    | 170    | 180    | 240    | 144    |
|        | 7.5     | 180    | 220    | 170    | 180    | 240    | 144    |
|        | 11      | 235    | 320    | 189.5  | 180    | 290    | 173    |
|        | 15      | 235    | 320    | 189.5  | 180    | 290    | 173    |
|        | 18.5    | 260    | 410    | 208.5  | 220    | 350    | 187    |
|        | 22      | 260    | 410    | 208.5  | 220    | 350    | 187    |

※ Size 기준 : Volume Jog 높이 제외 조건임.

### 제어단자 결선도

#### iG5A



#### G100 / G100C

