

# iDrive 2 - XKL Series



General Purpose AC Variable Speed Drives

1Ø, 230V/50~60Hz, 0.4~2.2kW

3Ø, 400V/50~60Hz, 0.75~2.2kW

- RS485/Modbus RTU built-in
- Up to 150% starting torque
- Detachable Keypad
- PID Control mode as standard
- Brake chopper built-in
- DC Injection braking
- 0-10V & 4-20mA analog inputs
- 4/5 Digital inputs
- Password function
- 2 year warranty
- CE certified
- C2 & C3 filter options
- RoHS compliant



iDrive 2 shown without filter



## Options and Ordering Codes

**XKL** — **150** — **21**

| Nominal Power |            |
|---------------|------------|
| 0.4kW         | <b>40</b>  |
| 0.75kW        | <b>75</b>  |
| 1.5kW         | <b>150</b> |
| 2.2kW         | <b>220</b> |

| Input Voltage |                               |
|---------------|-------------------------------|
| <b>21</b>     | Input 200-240V ~ Single Phase |
| <b>43</b>     | Input 380-440V ~ Three Phase  |

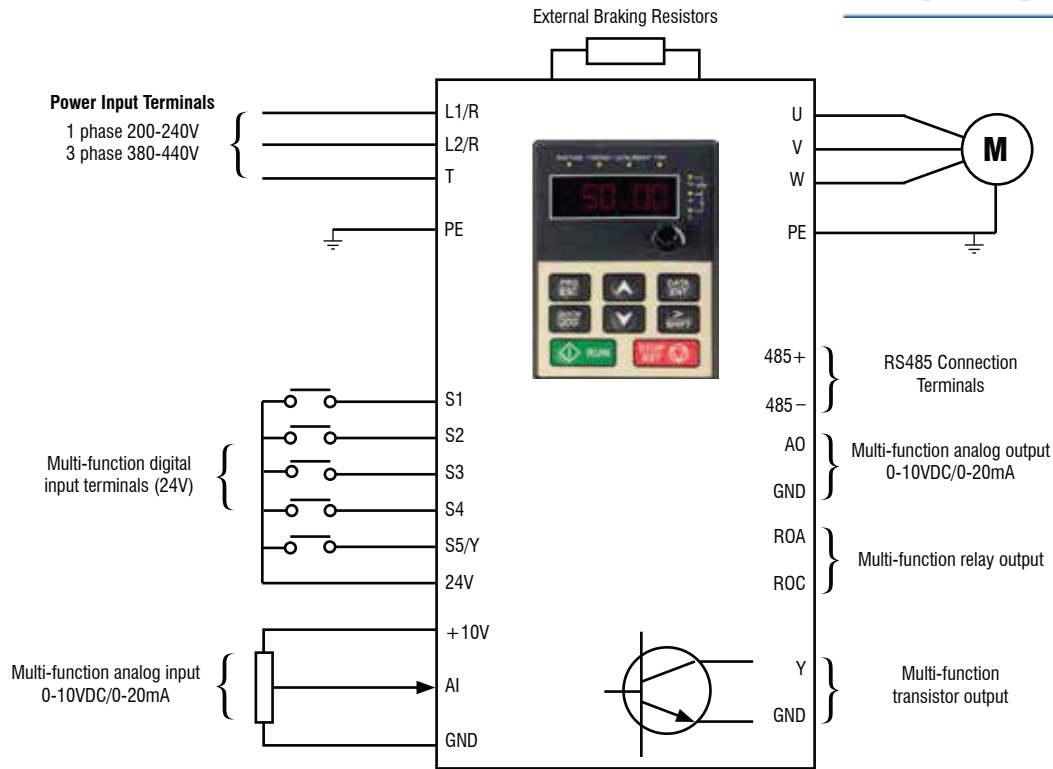
## Specifications

|                          | Model      | Output Power (kW) | Input Current (A) | Output Current (A) | MCCB (A) | Cables (mm <sup>2</sup> ) |
|--------------------------|------------|-------------------|-------------------|--------------------|----------|---------------------------|
| <b>Single-phase 230V</b> | XKL-040-21 | 0.4               | 6.5               | 2.5                | 16       | 1.5                       |
|                          | XKL-075-21 | 0.75              | 9.3               | 4.2                | 16       | 1.5                       |
|                          | XKL-150-21 | 1.5               | 15.7              | 7.5                | 25       | 2.5                       |
|                          | XKL-220-21 | 2.2               | 24                | 10                 | 40       | 2.5                       |
| <b>Three-phase 400V</b>  | XKL-075-43 | 0.75              | 3.2               | 2.5                | 10       | 1.5                       |
|                          | XKL-150-43 | 1.5               | 4.3               | 4.2                | 10       | 1.5                       |
|                          | XKL-220-43 | 2.2               | 7.1               | 5.5                | 16       | 2.5                       |

# iDrive 2 - XKL Series continued

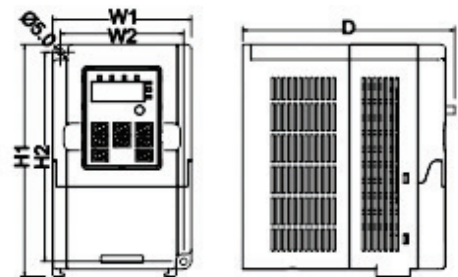


## Power and Control Connections



## Dimensions (mm)

|                      | Model      | W1    | W2   | H1    | H2    | D     |
|----------------------|------------|-------|------|-------|-------|-------|
| Single-phase<br>230V | XKL-040-21 | 85.0  | 74.0 | 145.5 | 131.5 | 134.2 |
|                      | XKL-075-21 | 85.0  | 74.0 | 145.5 | 131.5 | 134.2 |
|                      | XKL-150-21 | 100.0 | 89.0 | 170.5 | 154.0 | 153.2 |
|                      | XKL-220-21 | 100.0 | 89.0 | 170.5 | 154.0 | 153.2 |
| Three-phase<br>400V  | XKL-075-43 | 100.0 | 89.0 | 170.5 | 154.0 | 153.2 |
|                      | XKL-150-43 | 100.0 | 89.0 | 170.5 | 154.0 | 153.2 |
|                      | XKL-220-43 | 100.0 | 89.0 | 170.5 | 154.0 | 153.2 |



Wall mounting (unit: mm)

## Filters

|                      | Model      | C3 Filter | Current | C2 Filter | Current |
|----------------------|------------|-----------|---------|-----------|---------|
| Single-phase<br>230V | XKL-040-21 | RFC3-3S   | 3A      | RF29A-1A  | 29A     |
|                      | XKL-075-21 | RFC3-3S   | 3A      | RF29A-1A  | 29A     |
|                      | XKL-150-21 | RFC3-10S  | 10A     | RF29A-1A  | 29A     |
|                      | XKL-220-21 | RFC3-10S  | 10A     | RF29A-1A  | 29A     |
| Three-phase<br>400V  | XKL-075-43 | RFC3-6    | 6A      | RF15A-4A  | 15A     |
|                      | XKL-150-43 | RFC3-6    | 6A      | RF15A-4A  | 15A     |
|                      | XKL-220-43 | RFC3-6    | 6A      | RF15A-4A  | 15A     |



iDrive 2 shown with C3 Filter

C3 Filter



For more information please contact **TRANSWAVE Converters** on **0121 708 4522**