

NEMA 4X

NEW

HIGH POWER VFDS FOR SINGLE PHASE SUPPLIES

Our variable frequency drives mean you can now use 3 phase motors instead of large, expensive 1 phase motors

Only available from
Invertek Drives

NOW AVAILABLE UP TO

10HP, 30A



Switch to Invertek Drives and control 3 phase motors on your 1 phase supply

Reduce motor procurement costs, reduce energy costs and improve reliability



- ✓ NEMA 4X rugged design for outdoor use available in all ranges, E3, P2 and ECO
- ✓ Other VFD brands have to use a drive double the size and derate by 50% for 1ph operation
- ✓ Eliminates the need for expensive rotary phase converters
- ✓ Perfect for remote rural locations where 1 phase supplies are common, such as agricultural applications, irrigation pumps, grain dryers and bulk process conveyors.

Replace #

in model code with colour-coded option

OPTIDRIVE™ *i*³

| HP | Amps | Size | Model Code | | | | | | | | | |
|---|------|------|----------------|------------|------------|--------------|----------|---------------|------------|-------|------------|----------------|
| | | | Product Family | Generation | Frame Size | Voltage Code | Capacity | Supply Phases | EMC Filter | Brake | Transistor | Enclosure Type |
| Input 1Ø 200-240V±10% Output (Motor) 3Ø 200-240V | 0.5 | 2.3 | 1 | ODE | - 3 | - 1 | 2 | 0023 | - 1 | F | 1 | # |
| | 1 | 4.3 | 1 | ODE | - 3 | - 1 | 2 | 0043 | - 1 | F | 1 | # |
| | 2 | 7 | 1 | ODE | - 3 | - 1 | 2 | 0070 | - 1 | F | 1 | # |
| | 2 | 7 | 2 | ODE | - 3 | - 2 | 2 | 0070 | - 1 | F | 4 | # |
| | 3 | 10.5 | 2 | ODE | - 3 | - 2 | 2 | 0105 | - 1 | F | 4 | # |
| | 5 | 15.3 | 3 | ODE | - 3 | - 3 | 2 | 0153 | - 1 | F | 4 | # |
| | 7.5 | 24 | 4 | ODE | - 3 | - 4 | 2 | 0240 | - 1 | 0 | 4 | # |
| | 10 | 30 | 4 | ODE | - 3 | - 4 | 2 | 0300 | - 1 | 0 | 4 | # |

NEMA 4X Outdoor
Non-switched**NEMA 4X Outdoor**
Switched**A****B**

OPTIDRIVE™ *eco*

| HP | Amps | Size | Model Code | | | | | | | | | |
|---|------|------|----------------|------------|------------|--------------|---------------|---------------|------------|------------|-------------------|---|
| | | | Product Family | Generation | Frame Size | Voltage Code | Output Rating | Supply Phases | EMC Filter | 1 Quadrant | Enclosure/Display | |
| Input 1Ø 200-240V±10% Output (Motor) 3Ø 200-240V | 1 | 4.3 | 2 | ODV | - 3 | - 2 | 2 | 0043 | - 1 | F | 1 | # |
| | 2 | 7 | 2 | ODV | - 3 | - 2 | 2 | 0070 | - 1 | F | 1 | # |
| | 3 | 10.5 | 2 | ODV | - 3 | - 2 | 2 | 0105 | - 1 | F | 1 | # |
| | 5 | 15.3 | 3 | ODV | - 3 | - 3 | 2 | 0153 | - 1 | F | 1 | # |
| | 7.5 | 24 | 4 | ODV | - 3 | - 4 | 2 | 0240 | - 1 | 0 | 1 | # |
| | 10 | 30 | 4 | ODV | - 3 | - 4 | 2 | 0300 | - 1 | 0 | 1 | # |

NEMA 4X Outdoor
Non-switched**NEMA 4X Outdoor**
with Disconnect**A-MN****E-MN**

OPTIDRIVE™ *CP*²

| HP | Amps | Size | Model Code | | | | | | | | | | |
|---|------|------|----------------|------------|------------|--------------|-------------------|---------------|------------|------------|-------|------------|-------------------|
| | | | Product Family | Generation | Frame Size | Voltage Code | Power Rating Code | Supply Phases | Power Type | EMC Filter | Brake | Transistor | Enclosure/Display |
| Input 1Ø 200-240V±10% Output (Motor) 3Ø 200-240V | 1 | 4.3 | 2 | ODP | - 2 | - 2 | 2 | 010 | - 1 | H | F | 4 | # |
| | 2 | 7 | 2 | ODP | - 2 | - 2 | 2 | 020 | - 1 | H | F | 4 | # |
| | 3 | 10.5 | 2 | ODP | - 2 | - 2 | 2 | 030 | - 1 | H | F | 4 | # |
| | 5 | 15.3 | 3 | ODP | - 2 | - 3 | 2 | 050 | - 1 | H | F | 4 | # |
| | 7.5 | 24 | 4 | ODP | - 2 | - 4 | 2 | 075 | - 1 | H | 0 | 4 | # |
| | 10 | 30 | 4 | ODP | - 2 | - 4 | 2 | 100 | - 1 | H | 0 | 4 | # |

NEMA 4X Outdoor
Non-switched**NEMA 4X Outdoor**
Switched**A-MN****B-MN**

Find out more about our NEMA 4X drive enclosures by visiting:

www.invertekdrives.com/NEMA4X

Or scan the QR code to watch the video

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