

K-Series single phase DC drives - up to 2HP

Regenerative & Non-regenerative

Enclosed, DIN rail mounting drives in elegant compact packages for both stand alone and systems applications.

Standard features include:

- Plug-in screw terminals
- Dual 115 & 230 volts, 50/60Hz supply
- Armature volts or tach feedback
- IP20 enclosure
- Output for ramps, speed demand, current demand
- Inputs for ramped speed, unramped speed, torque (current)
- Logic outputs for overload & trip
- Configurable level comparator & sign changer
- Standards: UL, C-UL, CE



MODEL	RATING	FEATURES	TERMINALS
NON-ISOLATED			
K340	Armature current 3.4 amps 1/4Hp 0.25kW @90Vdc 1/2Hp 0.55kW @180Vdc Size 1.4"W x 4.2"H x 4.7"D	Max Speed Min Speed Up Ramp IR Comp	+10V Min Input + Common
K680	Armature current 6.8 amps 1/2Hp 0.55kW @90Vdc 1Hp 0.75kW @180Vdc Size 1.8"W x 4.2"H x 4.7"D	I max AVF/Tach switch Speed range switch AC voltage selector Field 1Amp 0.9x ac supply	Run Tach f/b
K1220	Armature current 12.2 amps 1Hp 0.75kW @90Vdc 2Hp 1.8kW @180Vdc Size 1.8"W x 4.2"H x 4.7"D		
ISOLATED			
K340i	Armature current 3.4 amps 1/4Hp 0.25kW @90Vdc 1/2Hp 0.55kW @180Vdc Size 2.4"W x 4.2"H x 4.7"D	Max Speed Min Speed Up Ramp Down Ramp Stability	+10V ref Min speed Input + Output +/- Common
K680i	Armature current 6.8 amps 1/2Hp 0.55kW @90Vdc 1Hp 0.75kW @180Vdc Size 2.8"W x 4.2"H x 4.7"D	I max IR Comp AVF/Tach switch Speed range switch AC voltage selector	LevelO/P Level il/P Overload Trip Ramp O/P Demand O/P Speed O/P Current O/P + Speed I/P Torque I/P
K1220i	Armature current 12.2 amps 1Hp 0.75kW @90Vdc 2Hp 1.8kW @180Vdc Size 2.8"W x 4.2"H x 4.7"D	Level comparator Tach f/b	
4-QUADRANT, REGENERATIVE, REVERSING, ISOLATED			
K340XRi	Armature current 3.4 amps 1/4Hp 0.25kW @90Vdc 1/2Hp 0.55kW @180Vdc Size 2.4"W x 4.2"H x 4.7"D	Max Speed Min Speed Up Ramp Down Ramp Stability	+10V ref Min speed Input + Output +/- Common
K680XRi	Armature current 6.8 amps 1/2Hp 0.55kW @90Vdc 1Hp 0.75kW @180Vdc Size 2.8"W x 4.2"H x 4.7"D	I max IR Comp AVF/Tach switch Speed range switch AC voltage selector	LevelO/P Level il/P Overload Trip Ramp O/P Demand O/P Speed O/P Current O/P + Speed I/P Torque I/P
K1220XRi	Armature current 12.2 amps 1Hp 0.75kW @90Vdc 2Hp 1.8kW @180Vdc Size 2.8"W x 4.2"H x 4.7"D	Level comparator Tach f/b	



Optional **drive.web smarty**

For complete process automation Model dw210-1107 uses discrete i/o interface to provide:

- Ethernet networking
- Internet access
- Powerful function blockprogramming
- ModbusRTU and ModbusTCP/IP
- Additional remote i/o
- Encoder feedback (see page 20 for details)

High Speed Fuse Kits - DIN Rail Mounting

FLN-6.3	Line fuse kit	K340
FLL-6.3	Line/line fuse kit	K340
FLNR-6.3	Line & arm fuse kit	K340XRi
FLLR-6.3	Line/line & arm fuse kit	K340XRi
FLN-20	Line fuse kit	all non-regen K
FLL-20	Line/line fuse kit	all non-regen K
FLNR-20	Line & arm fuse kit	all regen K
FLLR-20	Line/line & arm fuse kit	all regen K