

Upgrade Solution

What is a DigitAx?



The DigitAx series was a digital AC motor speed control manufactured by Control Techniques. It was available in several models that could control 3-phase motors from 3 to 30HP. The input voltage ranged 380 to 480 VAC +/- 10% , three phase.

[Get DigitAx Manual](#)

What replaces the DigitAx?

Our Unidrive SP series, combined with the SM-Resolver, can replace the DigitAx functionality and are state-of-the-art Digital Drives that offer many more internal features (specifically a built-in PLC capability) and can be setup using your Laptop PC. No pots to adjust or jumpers to set. Software for the Unidrive SP is free !

Determine which Unidrive SP replaces your DigitAx

MX/DigitAx Drive		Best SP Replacement - Based On Cont. Current		
Model		Model	Headroom (Amps)	
			Continuous	Peak
MX-280 / DBE140	→	SP1402	+0.2	-0.3
MX-440 / DBE220	→	SP1404	+1.4	+1.4
MX-850 / DBE420	→	SP1406	-0.8* [+1.0]	-0.4
MX-1300 / DBE600	→	SP2401	-0.4* [0.0]	-3.2
MX-1600 / DBE750	→	SP2403	+0.9	+11.8
MX-2600 / DBE110S	→	SP3401	+2.9	+17.0
MX-3200 / DBE1500	→	SP3401	-3.1* [0.0]	+8.0
MX-4800 / DBE2200	→	SP3403	-15.5* [-2.0]	+8.0
MX/DigitAx Drive		Best SP Replacement - Based On Peak Current		
Model		Model	Headroom (Amps)	
			Continuous	Peak
MX-280 / DBE140	→	SP1403	+1.4	+1.8
MX-440 / DBE220	→	SP1404	+1.4	+1.4
MX-850 / DBE420	→	SP2401	+4.1	+5.8
MX-1300 / DBE600	→	SP2402	-0.4* [+3.5]	+2.9
MX-1600 / DBE750	→	SP2403	+0.9	+11.8
MX-2600 / DBE110S	→	SP3401	+2.9	+17.0
MX-3200 / DBE1500	→	SP3401	-3.1* [0.0]	+8.0
MX-4800 / DBE2200	→	SP4401	+12.0	+33.0

Some old DigitAx application may have been taking commands from a computer system over a serial link. These applications would require additional engineering to accept and convert this communication format. It would be easier in most cases to convert the computer system to any of our standard platforms ie EtherNet, Modbus RTU, DeviceNet , Profibus etc.

DigitAx motors use Resolver feedback. In order to accommodate this feedback, the SM-Resolver module must be included.

SM-Resolver



Click on photos for additional details

[Get Resolver Manual](#)

Unidrive SP



Click on blue links for Free Software

CTSoft 

Free 4 Channel CTScope

SyPTLite

Preview the Unidrive SP Manual

Questions/Concerns about your application?

Call us at the Service Center

1-800-367-8067

or

Email us by clicking -> [Technical Support__](#)