

TECHNICAL NOTIFICATION**CTD031001****Title: A change to the CTD cable ordering codes.**

Product:	CTD Products	Issued Date:	06-10-03
Variant:	N/A	Date Codes:	N/A
Category:	Cables/Connectors	Manuals Affected:	Yes
Issued by:	A Lacey	Priority:	Normal

SUMMARY

The addition of an extra letter is to be made to the Control Techniques Dynamics cable ordering codes to allow for future expansion of the range.

MORE INFORMATION

To allow for expansion of both the power and signal cable range CTD are adding a sixth letter to the ordering codes. This letter is to be placed at the end of the current 5 letter code. At present the fifth letter indicates the cable connections for both drive and motor. The new system will have a letter for the drive end and one for the motor end. See examples below.

Present Unidrive encoder cable – SIBAA005

SI	B	A	A	005
Encoder	Jacket PUR	Standard cable	15 way D type to 17 way SI connector	Length

New Unidrive encoder cable – SIBAA**A**005

SI	B	A	A	A	005
Encoder	Jacket PUR	Standard cable	15 way D type	Unimotor Encoder connector	Length

Present Unidrive Sincos cable –SSBAC005

SS	B	A	C	005
Encoder	Jacket PUR	Standard cable	Ferrules to 12 way SR/SS	Length

New Unidrive Sincos cable – SSBAB**C**005

SS	B	A	B	C	005
Encoder	Jacket PUR	Standard cable	Ferrules	Unimotor Sincos connector	Length

Please pass on this information to all relevant personnel including purchasing department.

Present Unidrive power cable – PSBAA005

PS	B	A	A	005
Power	Jacket PUR	2.5mm ² cable	Ferrules to 6 way size1	Length

New Unidrive power cable – PSBAA005

PS	B	A	A	A	005
Power	Jacket PUR	2.5mm ² cable	Unidrive size 1-2 Ferrules	Unimotor 75-142 power	Length

Present M'Ax power cable – PSBAM005

PS	B	A	M	005
Power	Jacket PUR	2.5mm ² cable	M'Ax drive end to 6 way size 1	Length

New M'Ax power cable – PSBAD005

PS	B	A	D	A	005
Power	Jacket PUR	2.5mm ² cable	M'Ax and Multi-Ax drive	Unimotor 75-142 power	Length

Control Techniques Dynamics will be introducing these new codes onto our system in December 2003, for existing cables, and October 2003 for new cables types. Customer services will convert the old part numbers to the new versions until February 2004 when we will hope all drive centres to have adopted this new lettering system.

If you have any questions please contact Andy Lacey (Technical Sales Support Engineer)

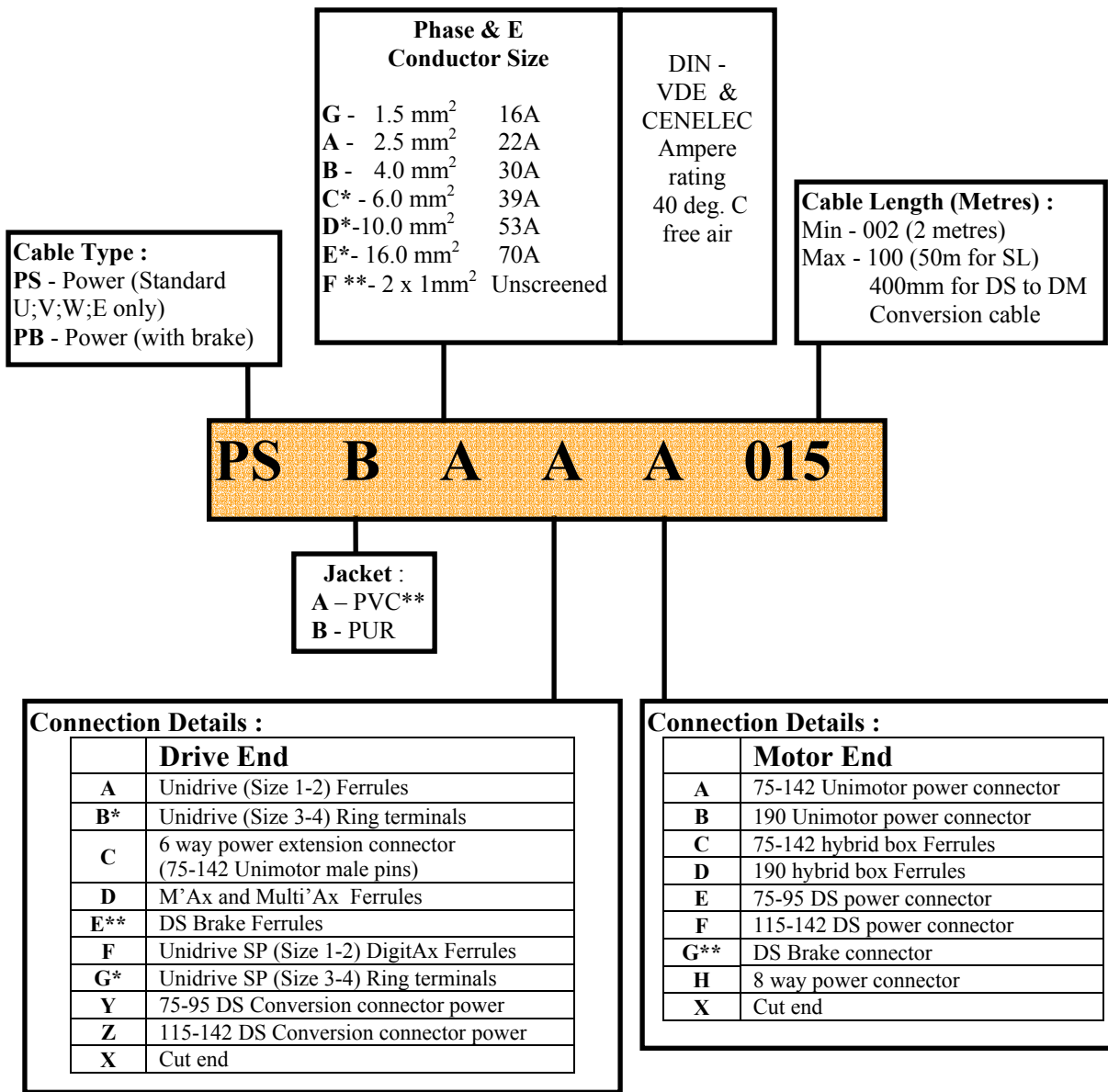
The cable section in the Unimotor Product Data manual will be updated on the CT Dynamics website, but the manual will not be re-issued for this change.

The following pages show the new codes for power and signal cable. A cross reference chart is available to show the old cable part number to new cable part number, please contact CTD for a copy.

Please pass on this information to all relevant personnel including purchasing department.

Cable Types for CTD motors

**POWER CABLE SELECTION +
Conversion cable**



*Ring terminals for Drive studs >= 6mm²
** PVC only available on DS brake cables

SIGNAL CABLE SELECTION + Conversion cable

Cable Type :
SI - Incremental Encoder
SR - Resolver
SS - SinCos Encoder
SL - Drive Link (SLM only)

Special Options :
A - Standard cable
L - 8.5mm dia SI cable

Cable Length (Metres):
 Min - 002 (2 metres)
 Max - 100 (100 metres)
 50m for SLBA
 10m for SIBL
 400mm for DS to DM
 Conversion cable

SI B A A A 015

Jacket :
B - PUR

Connection Details

	Drive End
A	Unidrive Encoder 15 pin connector
B	Unidrive Resolver/Sincos Ferrules
C	Multi'Ax <2.5A 15 pin connector
D	Multi'Ax >2.5A 15 pin connector
E	M'Ax RJ45 connector
F	Epsilon Encoder 26 pin connector
G	17 way extension Encoder male pins
H	Unidrive SP Sincos 15 pin connector
Z	DS Resolver conversion connector
X	Cut end

Connection Details

	Motor End
A	Unimotor Encoder connector
B	Unimotor Resolver connector
C	Unimotor Sincos connector
D	SLM 5 way Amphenol connector
E	17 way extension Encoder connector
F	90° Unimotor Encoder connector
G	90° Unimotor Resolver connector
H	90° Unimotor Sincos connector
I	DS Resolver connector
J	DS Resolver Ferrules
K	RJ45 connector
X	Cut end