Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

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## Contact us

CBLADK01 – CBLADK14

Information Sheet for G3 Kadet Cable Adaptors

These various CBLADK Adaptors were designed to adapt the DB-9 ports of the G3 Kadet units to the RJ format connector found on the standard G3. This allows the use of the existing CBL communications cables.

Crimson 2.0 Users

NOTE: Please check availability of the desired driver, as not all drivers are currently supported by the G3 Kadet. Simply run Crimson 2.0, and attempt to assign the specific driver to a comms port. If the driver is not yet supported, Crimson will provide a warning.

**Cable Adaptor, First Generation Kadet Series Programming/RS232 Female**
 # CBLADK01

1 2 3 4 5 6

RS232 PORT
(CABLE FROM PLC)
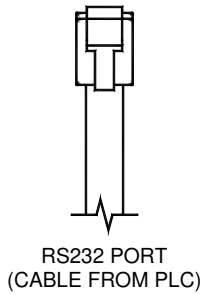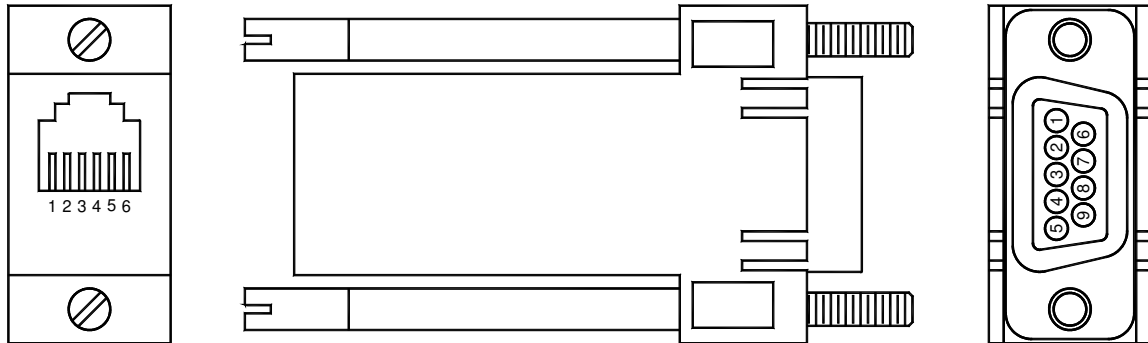
Connections			
CABLE FROM PLC	Name	CONNECTER PINOUT	
		RJ12	DB9 FEMALE
1	-	1	-
2	Rx	2	8
3	COMM	3	5
4	-	4	-
5	Tx	5	7
6	-	6	-

Connections

- CBLPROG0
- CBLAB001
- CBLAB004
- CBLGEN01
- CBLGEN02
- CBLIDE02

- CBLIDE03
- CBLKOY00
- CBLKEY01
- CBLMAT01
- CBLMAT02
- CBLMDM00

- CBLMDM01
- CBLMOD01
- CBLOMR01
- CBLPAR01
- CBLRLC01
- CBLRLC02

- CBLRLCS2
- CBLSIE05
- CBLYAS02

**Cable Adaptor, First Generation Kadet Series/G304K2 RS485 Female (4 Wire Only)**

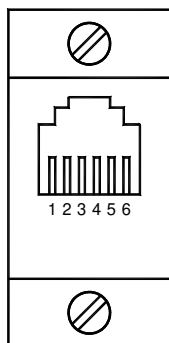**# CBLADK02**

8 7 6 5 4 3 2 1

RS485 PORT
(CABLE FROM PLC)
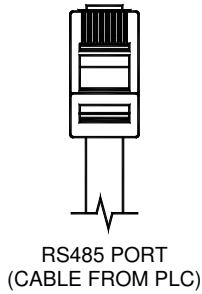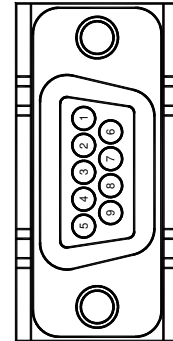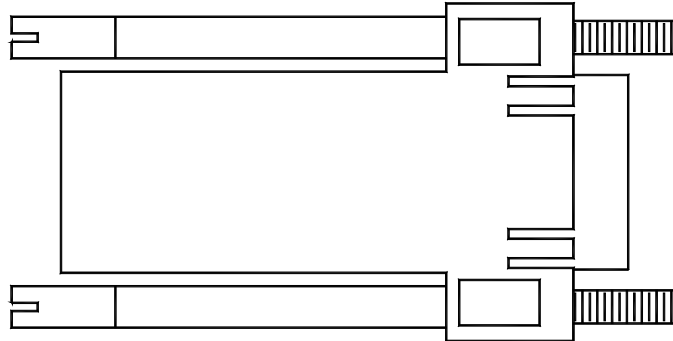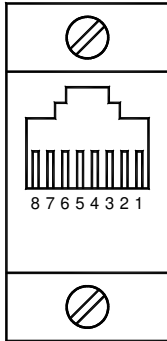
Connections			
CABLE FROM PLC	Name	CONNECTER PINOUT	
		RJ45	DB9 FEMALE
1	TxB	1	4
2	TxA	2	3
3	RxA	3	1
4	RxB	4	2
5	-	5	-
6	COMM	6	5
7	-	7	-
8	-	8	-

Connections

- CBLGEF01
- CBLGEN03
- CBLMIT01
- CBLMIT02

- CBLOMR03
- CBLSIE06
- CBLSIE07
- CBLSIE08

Cable Adaptor, G304K/G304K2 Kadet Series RS232 Female (No CTS/RTS)
## # CBLADK03
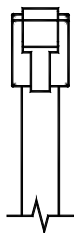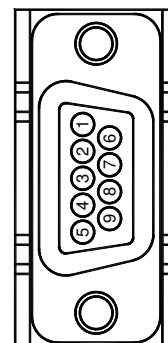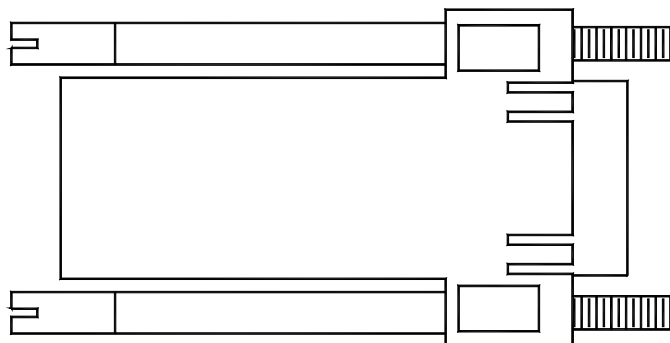
1 2 3 4 5 6

RS232 PORT
(CABLE FROM PLC)

Connections			
CABLE FROM PLC	Name	CONNECTER PINOUT	
		RJ12	DB9 FEMALE
1	-	1	-
2	Rx	2	9
3	COMM	3, 4	5
4	COMM	3, 4	5
5	Tx	5	6
6	-	6	-

Connections

- CBLAB001
- CBLAB004
- CBLGEN01
- CBLGEN02
- CBLIDE02

- CBLIDE03
- CBLKOY00
- CBLKEY01
- CBLMAT01
- CBLMAT02

- CBLMDM00
- CBLMDM01
- CBLMOD01
- CBLOMR01
- CBLPAR01

- CBLRLC01
- CBLRLC02
- CBLRLCS2
- CBLSIE05
- CBLYAS02

Cable Adaptor, G306K/G308K Kadet Series RS485 Auxiliary Female (2 Wire)
**# CBLADK04**
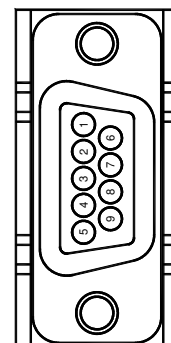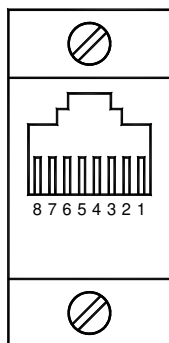
8 7 6 5 4 3 2 1

RS485 PORT
(CABLE FROM PLC)

Connections			
CABLE FROM PLC	Name	CONNECTER PINOUT	
		RJ45	DB9 FEMALE
1	B	1	9
2	A	2	6
3	-	3	-
4	-	4	-
5	-	5	-
6	COMM	6	5
7	B	7	9
8	A	8	6

Connections

- CBLAB003
- CBLGEN03
- CBLIDE01
- CBLPAR02
- CBLPFM00

- CBLRLC00
- CBLRLC03
- CBLRLC04
- CBLRLC05
- CBLRLC06

- CBLRLC07
- CBLSIE01
- CBLTEL00
- CBLTEL01

**Cable Adaptor, G306K/G308K Kadet Series RS232 Male**
 # CBLADK05

1 2 3 4 5 6

RS232 PORT
(CABLE FROM PLC)
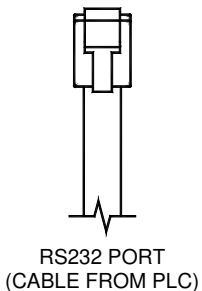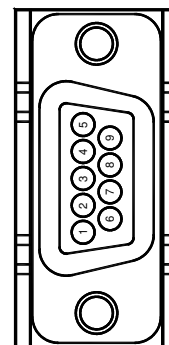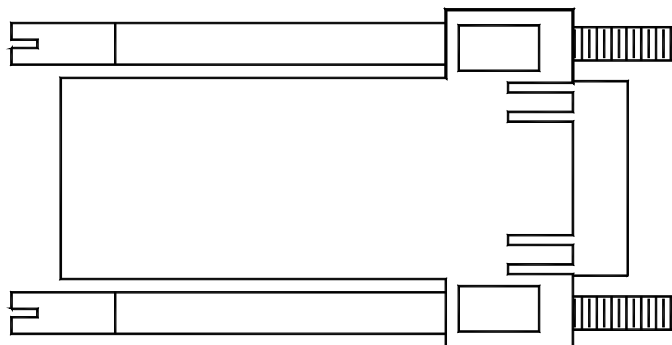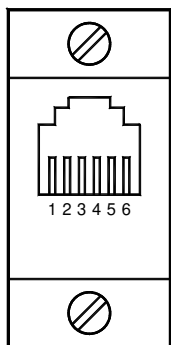
Connections			
CABLE FROM PLC	Name	CONNECTER PINOUT	
		RJ12	DB9 MALE
1	CTS	1	8
2	Tx	2	2
3	COMM	3, 4	5
4	COMM	3, 4	5
5	Rx	5	3
6	RTS	6	7

Connections

- CBLAB001
- CBLAB002
- CBLAB004
- CBLGEN01
- CBLGEN02
- CBLIDE02
- CBLIDE03

- CBLKOY00
- CBLKEY01
- CBLMAT01
- CBLMAT02
- CBLMDM00
- CBLMDM01
- CBLMIT03

- CBLMOD01
- CBLOMR01
- CBLOMR02
- CBLPAR01
- CBLRLC01
- CBLRLC02
- CBLRLCS2

- CBLSIE02
- CBLSIE03
- CBLSIE04
- CBLSIE05
- CBLYAS01
- CBLYAS0

Cable Adaptor, G306K/G308K Kadet Series RS232 Auxiliary Male
## # CBLADK06

1 2 3 4 5 6

RS232 PORT
(CABLE FROM PLC)
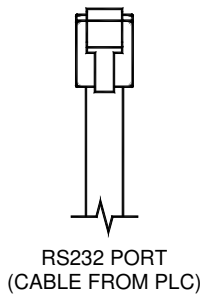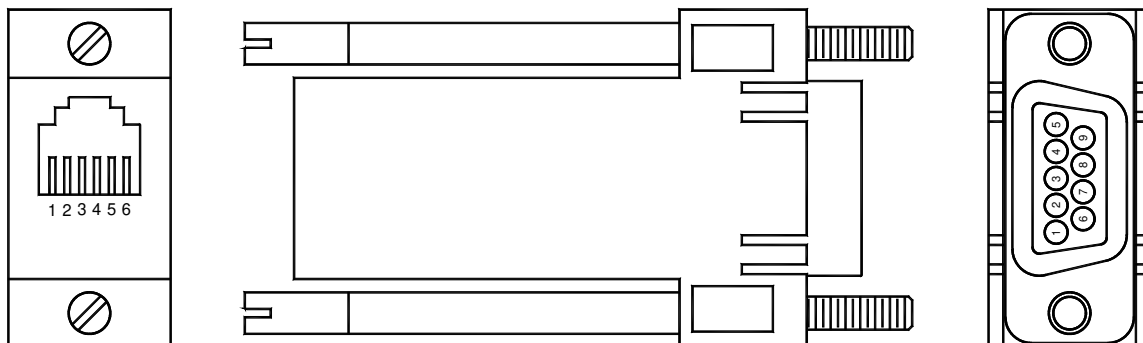
Connections			
CABLE FROM PLC	Name	CONNECTER PINOUT	
		RJ12	DB9 MALE
1	-	1	-
2	Tx	2	1
3	COMM	3, 4	5
4	COMM	3, 4	5
5	Rx	5	6
6	-	6	-

Connections

- CBLAB001
- CBLAB004
- CBLGEN01
- CBLGEN02
- CBLIDE02
- CBLIDE03
- CBLKEY01

- CBLKOY00
- CBLMAT01
- CBLMAT02
- CBLMDM00
- CBLMDM01
- CBLMOD01
- CBLOMR01

- CBLPAR01
- CBLRLC01
- CBLRLC02
- CBLRLCS2
- CBLSIE05
- CBLYAS02

**Cable Adaptor, First Generation Kadet Series/G304K2 RS485 2-Wire Female # CBLADK07**
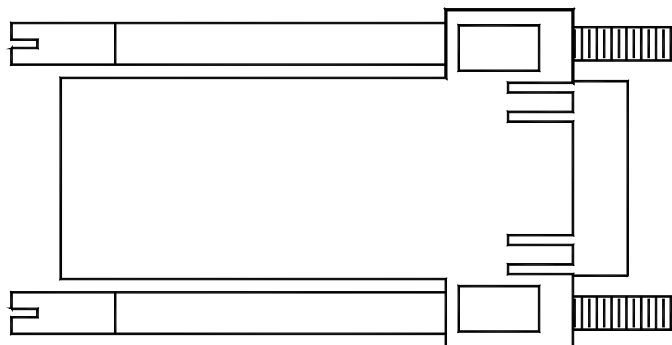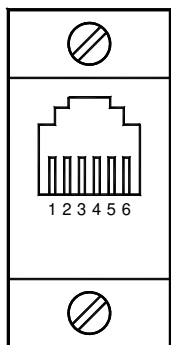
8 7 6 5 4 3 2 1

RS485 PORT
(CABLE FROM PLC)
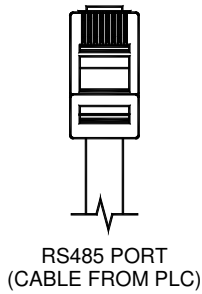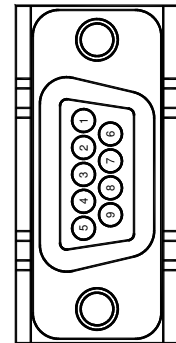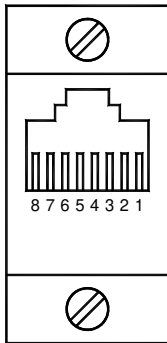
Connections			
CABLE FROM PLC	Name	CONNECTER PINOUT	
		RJ45	DB9 FEMALE
1	B	1	2
2	A	2	1
3	-	3	-
4	-	4	-
5	-	5	-
6	COMM	6	5
7	B	7	2
8	A	8	1

Connections

- CBLAB003
- CBLGEN03
- CBLIDE01
- CBLPAR02
- CBLPFM00

- CBLRLC00
- CBLRLC03
- CBLRLC04
- CBLRLC05
- CBLRLC06

- CBLRLC07
- CBLSIE01
- CBLTEL00
- CBLTEL01

**Cable Adaptor, G307K2 RS232 Auxiliary Male (COM3)**
 # CBLADK08
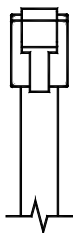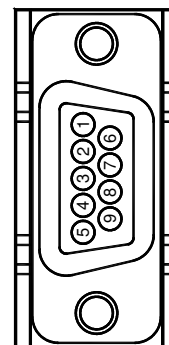
RS232 PORT
(CABLE FROM PLC)

Connections			
CABLE FROM PLC	Name	CONNECTER PINOUT	
		RJ12	DB9 FEMALE
1	-	1	-
2	Tx	2	7
3	COMM	3, 4	5
4	COMM	3, 4	5
5	Rx	5	8
6	-	6	-

Connections

- CBLAB001
- CBLAB004
- CBLGEN01
- CBLGEN02
- CBLIDE02
- CBLIDE03
- CBLKEY01

- CBLKOY00
- CBLMAT01
- CBLMAT02
- CBLMDM00
- CBLMDM01
- CBLMOD01
- CBLOMR01

- CBLPAR01
- CBLRLC01
- CBLRLC02
- CBLRLCS2
- CBLSIE05
- CBLYAS02

## Cable Adaptor, G307K2 RS232 Female (COM1)
CBLADK09

1 2 3 4 5 6

RS232 PORT
(CABLE FROM PLC)
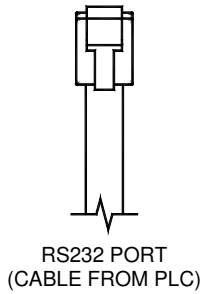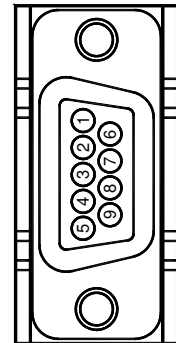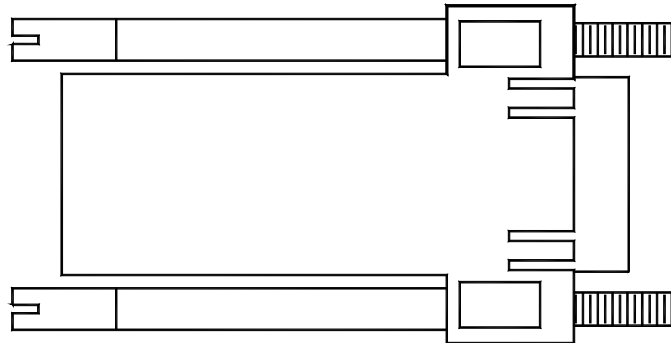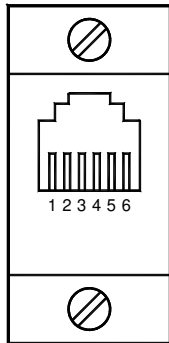
Connections			
CABLE FROM PLC	Name	CONNECTER PINOUT	
		RJ12	DB9 FEMALE
1	CTS	1	8
2	Tx	2	3
3	COMM	3, 4	5
4	COMM	3, 4	5
5	Rx	5	2
6	RTS	6	7

Connections

- CBLAB001
- CBLAB002
- CBLAB004
- CBLGEN01
- CBLGEN02
- CBLIDE02
- CBLIDE03

- CBLKOY00
- CBLKEY01
- CBLMAT01
- CBLMAT02
- CBLMDM00
- CBLMDM01
- CBLMIT03

- CBLMOD01
- CBLOMR01
- CBLOMR02
- CBLPAR01
- CBLRLC01
- CBLRLC02
- CBLRLCS2

- CBLSIE02
- CBLSIE03
- CBLSIE04
- CBLSIE05
- CBLYAS01
- CBLYAS02

Cable Adaptor, G307K2 RS232 Female (COM2/Programming)
CBLADK10
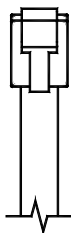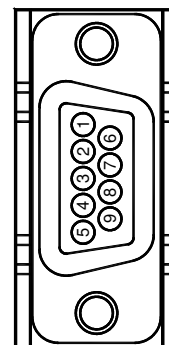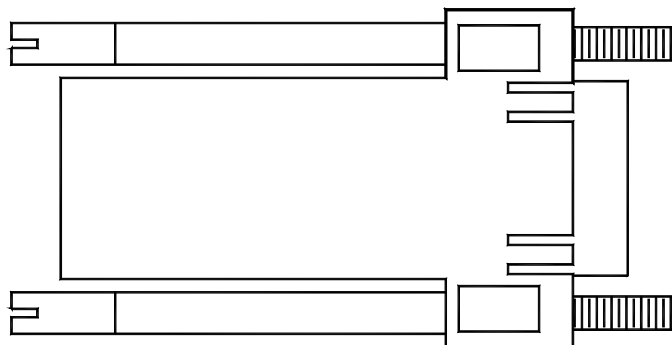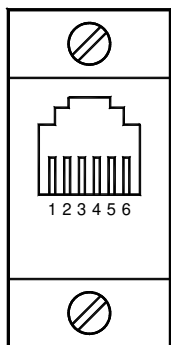
RS232 PORT
(CABLE FROM PLC)

Connections			
CABLE FROM PLC	Name	CONNECTER PINOUT	
		RJ12	DB9 FEMALE
1	-	1	-
2	Rx	2	4
3	COMM	3, 4	5
4	COMM	3, 4	5
5	Tx	5	6
6	-	6	-

Connections

- CBLPROG0
- CBLAB001
- CBLAB004
- CBLGEN01
- CBLGEN02
- CBLIDE02

- CBLIDE03
- CBLKOY00
- CBLKEY01
- CBLMAT01
- CBLMAT02
- CBLMDM00

- CBLMDM01
- CBLMOD01
- CBLOMR01
- CBLPAR01
- CBLRLC01
- CBLRLC02

- CBLRLCS2
- CBLSIE05
- CBLYAS02

Cable Adaptor, G307K2 RS485 4-Wire ONLY Male (COM1)

 # CBLADK11

87654321
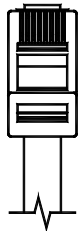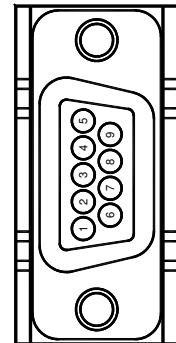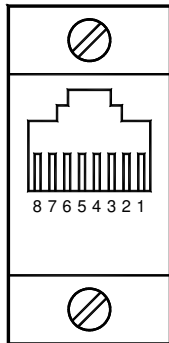
RS485 PORT
(CABLE FROM PLC)

Connections			
FROM RLC UNIT	Name	CONNECTER PINOUT	
		RJ45	DB9 MALE
1	TxB	1	4
2	TxA	2	3
3	RxA	3	1
4	RxB	4	2
5	-	5	-
6	COMM	6	5
7	-	7	-
8	-	8	-

Connections

- CBLGEF01
- CBLGEN03
- CBLMIT01
- CBLMIT02

- CBLOMR03
- CBLSIE06
- CBLSIE07
- CBLSIE08

**Cable Adaptor, G307K2 RS485 Auxiliary Male (COM3)**
 # CBLADK12

8 7 6 5 4 3 2 1
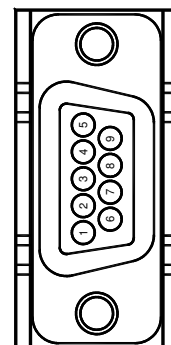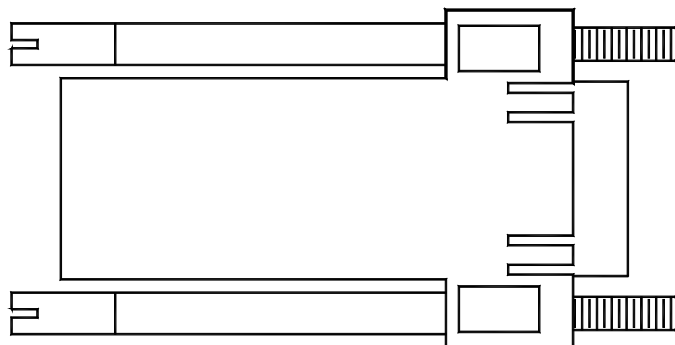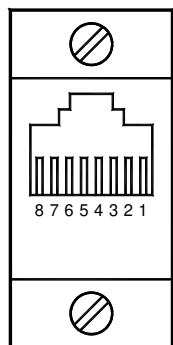
RS485 PORT
(CABLE FROM PLC)

Connections			
FROM RLC UNIT	Name	CONNECTER PINOUT	
		RJ45	DB9 MALE
1	-	1	-
2	-	2	-
3	RxA	3	6
4	RxB	4	9
5	-	5	-
6	COMM	6	5
7	-	7	-
8	-	8	-

Connections

- CBLAB003
- CBLGEN03
- CBLIDE01
- CBLPAR02
- CBLPFM00

- CBLRLC00
- CBLRLC03
- CBLRLC04
- CBLRLC05
- CBLRLC06

- CBLRLC07
- CBLSIE01
- CBLTEL00
- CBLTEL01

**Cable Adaptor, G307K2 RS485 2-Wire Male (COM1)**
 # CBLADK13

8 7 6 5 4 3 2 1
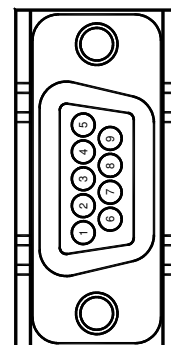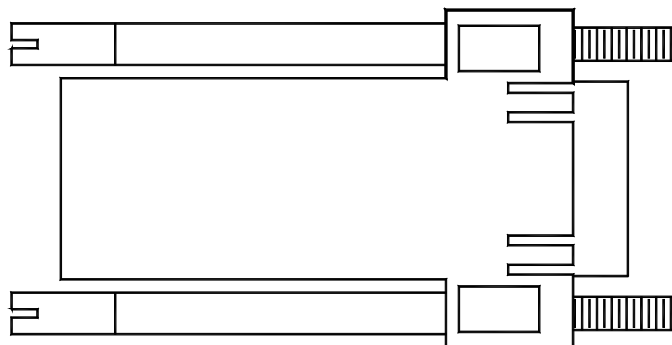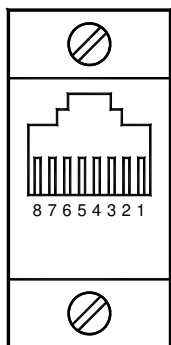
RS485 PORT
(CABLE FROM PLC)

Connections			
FROM RLC UNIT	Name	CONNECTER PINOUT	
		RJ45	DB9 MALE
1	B	1, 7	2
2	A	2, 8	1
3	-	3	-
4	-	4	-
5	-	5	-
6	COMM	6	5
7	B	1, 7	2
8	A	2, 8	1

Connections

- CBLAB003
- CBLGEN03
- CBLIDE01
- CBLPAR02
- CBLPFM00

- CBLRLC00
- CBLRLC03
- CBLRLC04
- CBLRLC05
- CBLRLC06

- CBLRLC07
- CBLSIE01
- CBLTEL00
- CBLTEL01

Cable Adaptor, G304K2 RS485 Auxiliary Female (COM3)
 # CBLADK14

8 7 6 5 4 3 2 1

RS485 PORT
(CABLE FROM PLC)
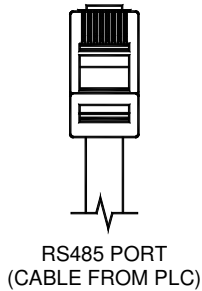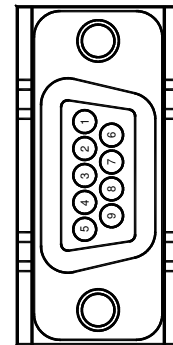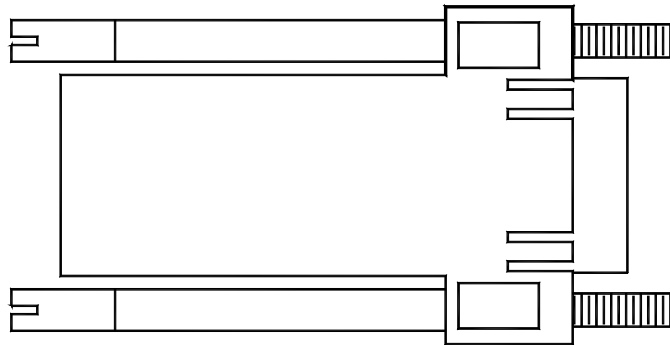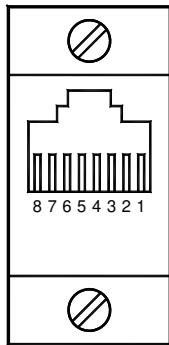
Connections			
CABLE FROM PLC	Name	CONNECTER PINOUT	
		RJ45	DB9 FEMALE
1	B	1	8
2	A	2	7
3	-	3	-
4	-	4	-
5	-	5	-
6	COMM	6	5
7	B	7	8
8	A	8	7

Connections

- CBLAB003
- CBLGEN03
- CBLIDE01
- CBLPAR02
- CBLPFM00

- CBLRLC00
- CBLRLC03
- CBLRLC04
- CBLRLC05
- CBLRLC06

- CBLRLC07
- CBLSIE01
- CBLTEL00
- CBLTEL01