

148,0 mm



ZIPLINK™
Automationdirect.com
800-633-0405

<u>I/O MODULE PART NO.</u>	<u>LABEL</u>	<u>LEVEL</u>
D2-08TD2	C 0 1 2 3	UPPER
	V 4 5 6 7	LOWER
D2-08ND3, D2-08NA-1	C 0 1 2 3	UPPER
	C 4 5 6 7	LOWER
D2-16ND3-2	CA 0 1 2 3 0 1 2 3 NC	UPPER
	CA 4 5 6 7 4 5 6 7 CB	LOWER
D2-16TD1-2	C 0 1 2 3 0 1 2 3 +V	UPPER
	C 4 5 6 7 4 5 6 7 C	LOWER
D2-12TA, D2-12TR	CA 0 1 2 3 0 1 2 3 NC	UPPER
	CA 4 5 4 5 CB	LOWER
D3-16ND2-1, D3-16ND2F, F3-16ND3F D3-16NA, D3-16NE3, D3-16TD1-1 D3-16TD2, D3-16TA2	CI 0 2 4 6 1 3 5 7 CII	UPPER
	CI 1 3 5 7 0 2 4 6 CII	LOWER
F3-08 TAS	0C 1C 2C 3C 5C 6C 7C 4C	UPPER
	0N0 1N0 2N0 3N0 4N0 5N0 6N0 7N0	LOWER
D3-08TA-1	C1 C1 C1 C1 C2 C2 C2 C2 NC	UPPER
	0 1 2 3 NC 4 5 6 7 NC	LOWER
H2-CTR10	1A 2A 2B 2C 2D C2 Y2 C3 Y3 2M	UPPER
	1A 1B 1C 1D 1M C0 Y0 C1 Y1 NC	LOWER
D3-16ND2-2, D3-16TD1-2	C C 0 2 4 6 0 2 4 6 C C	UPPER
	C C 1 3 5 7 1 3 5 7 C C	LOWER
D4-16ND2, D4-16ND2F, D4-16NA D4-16NE3, D4-16TD1, D4-16TD2 D4-16TA, D4-16NA-1	CA 0 1 2 3 0 1 2 3 - CB	UPPER
	CA 4 5 6 7 4 5 6 7 + CB	LOWER
F4-08NE3S	IN1 IN1 IN3 IN5 IN5 IN7 IN7 IN3	UPPER
	IN0 IN0 IN2 IN2 IN4 IN4 IN6 IN6	LOWER
D4-08ND3S	0 1 2 3 5 6 7 4	UPPER
	C0 C1 C2 C3 C4 C5 C6 C7	LOWER
D4-32ND3-1, D4-32ND3-2 D2-32ND3, D2-32ND3-2	A0 A1 A2 A3 CI B0 B1 B2 B3 CII C0 C1 C2 C3 CIII D0 D1 D2 D3 CIV	UPPER
	A4 A5 A6 A7 CI B4 B5 B6 B7 CII C4 C5 C6 C7 CIII D4 D5 D6 D7 CIV	LOWER
D4-32TD1, D4-32TD1-1 D4-32TD2, D2-32TD1, D2-32TD2	A0 A1 A2 A3 CI B0 B1 B2 B3 CII C0 C1 C2 C3 CIII D0 D1 D2 D3 CIV	UPPER
	A4 A5 A6 A7 VI B4 B5 B6 B7 VII C4 C5 C6 C7 VIII D4 D5 D6 D7 VIV	LOWER
D4-64ND2	A0 A1 A2 A3 C1 A10 A11 A12 A13 C2 B0 B1 B2 B3 C3 B10 B11 B12 B13 C4	UPPER
	A4 A5 A6 A7 0V A14 A15 A16 A17 0V B4 B5 B6 B7 0V B14 B15 B16 B17 0V	LOWER
	C0 C1 C2 C3 C5 C10 C11 C12 C13 C6 D0 D1 D2 D3 C7 D10 D11 D12 D13 C8	UPPER
	C4 C5 C6 C7 0V C14 C15 C16 C17 0V D4 D5 D6 D7 0V D14 D15 D16 D17 0V	LOWER
D4-64TD1	A0 A1 A2 A3 C1 A10 A11 A12 A13 C2 B0 B1 B2 B3 C3 B10 B11 B12 B13 C4	UPPER
	A4 A5 A6 A7 V1 A14 A15 A16 A17 V2 B4 B5 B6 B7 V3 B14 B15 B16 B17 V4	LOWER
	C0 C1 C2 C3 C5 C10 C11 C12 C13 C6 D0 D1 D2 D3 C7 D10 D11 D12 D13 C8	UPPER
	C4 C5 C6 C7 V5 C14 C15 C16 C17 V6 D4 D5 D6 D7 V7 D14 D15 D16 D17 V8	LOWER

Marking Label Sheet for Ziplink Modules: ZL-CM20, ZL-CM24, and ZL-CM40

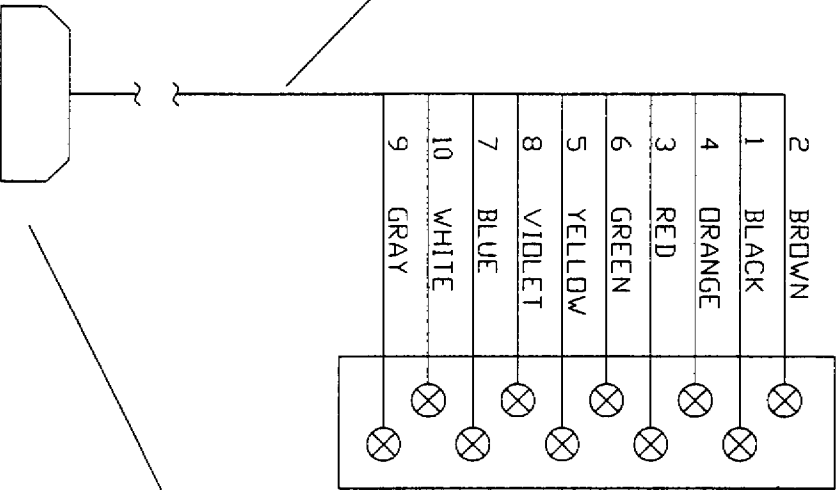
200,0 mm

ZL-2CBL1 (0.5 METER)
 ZL-2CBL1-1 (1 METER)
 ZL-2CBL1-2 (2 METER)

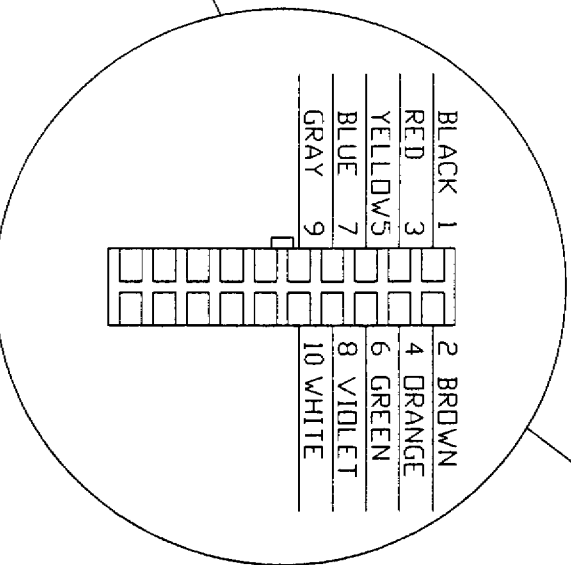
NOTES:

1. ALL CONDUCTORS TO BE STRIPPED 10mm AND TINNED ON TERMINAL BLOCK END BEFORE INSTALLATION
2. CUT UNUSED WIRE ENDS BACK TO THE JACKET BEFORE APPLYING HEAT SHRINK TUBING.
3. STRIP CABLE JACKET BACK 10-15mm FROM BOTTOM WALL OF TERMINAL BLOCK.
4. APPLY HEAT SHRINK TUBING END PARALLEL TO THE BOTTOM WALL OF THE TERMINAL BLOCK.
5. CONDUCTORS TO EXIT AT RIGHT ANGLE AND THEN DOWN FROM TERMINAL BLOCK AS VIEWED FROM A TOP ANGLE WITH TERMINAL BLOCK'S BACK WALL FACING TO THE RIGHT.
6. INDIVIDUAL CONDUCTORS SHOULD BE WRAPPED WITH AT LEAST TWO TIE-WRAPS AS NECESSARY.
7. CABLES SHOULD BE IDENTIFIED WITH A LABEL APPLIED TO THE BACK WALL OF THE TERMINAL BLOCK, AND CONTAIN PLC DIRECT LOGO, PART NUMBER AND APPROPRIATE I/O MODULES SUITABLE FOR THE CABLE.
8. OVERMOLDED CABLE END TO BE MOLDED WITH AUTOMATIONDIRECT.COM LOGO WITH SUITABLE LATCHING SURFACES TO ACCOMMODATE 3M CHG SERIES CONNECTORS.

20 COND. CABLE
 24 AWG, 300V
 2464 AWM
 COULDR CODED



8 POINT TERMINAL BLOCK
 AUTOMATIONDIRECT.COM PART #D2-810CCN
 KOYO PART #14013190



POLARIZED WIREMOUNT SOCKET
 20 CONTACTS
 ACCEPTS 22 & 24 AWG WIRE
 3M PART #CHG-2020-J01010-KEP

Automationdirect.com

DINNECTOR INTERFACE BLOCK CABLE
 DL205 8PT TERMINAL BLOCK
 20-PIN 24 AWG WIRING DIAGRAM

Drawn By
 K L SCHIEBER

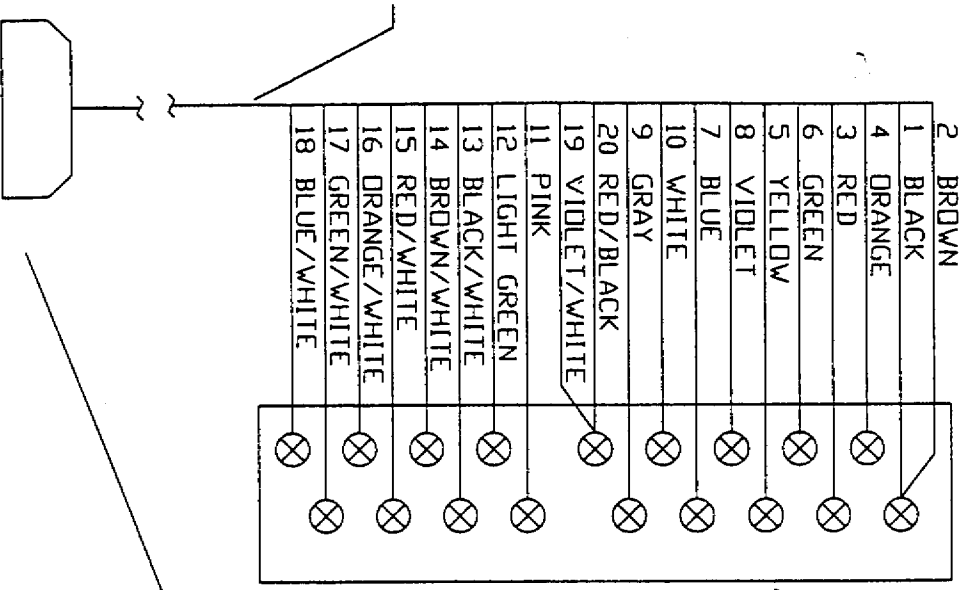
Date
 02/10/00

File Name
 2CBL_8

Dwg. No.
 DN-2CBL-8

ZL-3CBL2 (0.5 METER)
 ZL-3CBL2-1 (1 METER)
 ZL-3CBL2-2 (2 METER)

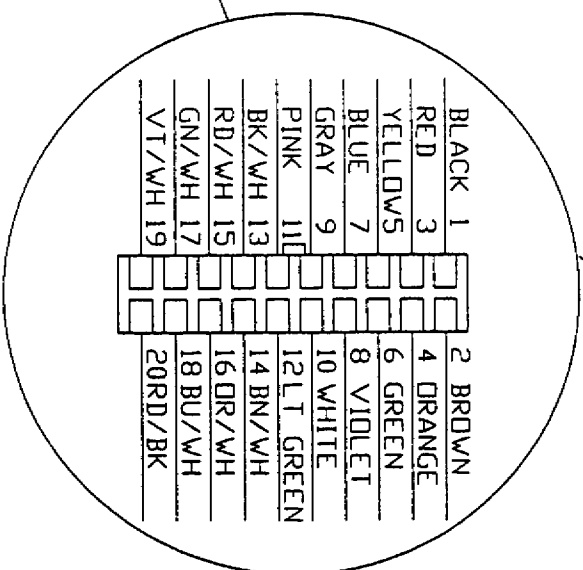
20 COND. CABLE
 24 AWG, 300V
 2464 AWM
 COLOR CODED



- NOTES:
1. ALL CONDUCTORS TO BE STRIPPED 10mm AND TINNED ON TERMINAL BLOCK END BEFORE INSTALLATION.
 2. CUT UNUSED WIRE ENDS BACK TO THE JACKET BEFORE APPLYING HEAT SHRINK TUBING.
 3. STRIP CABLE JACKET BACK 10-15mm FROM BOTTOM WALL OF TERMINAL BLOCK.
 4. APPLY HEAT SHRINK TUBING END PARALLEL TO THE BOTTOM WALL OF THE TERMINAL BLOCK.
 5. CONDUCTORS TO EXIT AT RIGHT ANGLE AND THEN DOWN FROM TERMINAL BLOCK AS VIEWED FROM A TOP ANGLE WITH TERMINAL BLOCK'S BACK WALL FACING TO THE RIGHT.
 6. INDIVIDUAL CONDUCTORS SHOULD BE WRAPPED WITH AT LEAST TWO TIE-WRAPS AS NECESSARY.
 7. CABLES SHOULD BE IDENTIFIED WITH A LABEL APPLIED TO THE BACK WALL OF THE TERMINAL BLOCK, AND CONTAIN PLC DIRECT LOGO, PART NUMBER AND APPROPRIATE I/O MODULES SUITABLE FOR THE CABLE.
 8. OVERHUNG CABLE END TO BE MOLDED WITH AUTOMATIONDIRECT.COM LOGO WITH SUITABLE LATCHING SURFACES TO ACCOMMODATE 3M CHG SERIES CONNECTORS.

16 POINT TERMINAL BLOCK
 AUTOMATIONDIRECT.COM PART #D3-16IDCON
 KOYO PART #14013124

POLARIZED WIREMOUNT SOCKET
 20 CONTACTS
 ACCEPTS 22 & 24 AWG WIRE
 3M PART #CHG-2020-J01010-KEP



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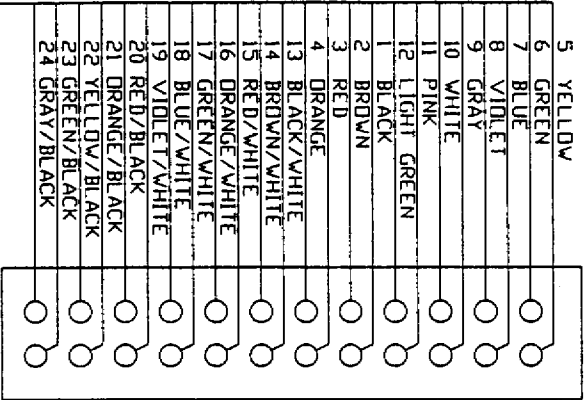
DINNECTOR INTERFACE BLOCK CABLE
 DL305 16PT TERMINAL BLOCK
 20-PIN 24 AWG WIRING DIAGRAM

Drawn By	Date
K L SCHIEBER	02/10/00
File Name	Dwg. No.
3CBL_16	DN-3CBL-16

ZL-3CBL3 (0.5 METER)
 ZL-3CBL3-1 (1 METER)
 ZL-3CBL3-2 (2 METER)

NOTES:

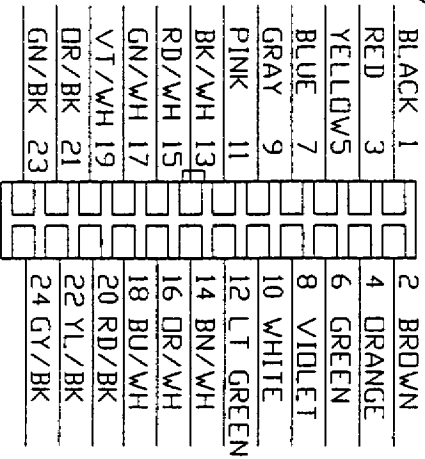
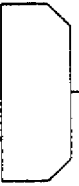
1. ALL CONDUCTORS TO BE STRIPPED 10mm AND TINNED ON TERMINAL BLOCK END BEFORE INSTALLATION.
2. CUT UNUSED WIRE ENDS BACK TO THE JACKET BEFORE APPLYING HEAT SHRINK TUBING.
3. STRIP CABLE JACKET BACK 10-15mm FROM BOTTOM WALL OF TERMINAL BLOCK.
4. APPLY HEAT SHRINK TUBING END PARALLEL TO THE BOTTOM WALL OF THE TERMINAL BLOCK.
5. CONDUCTORS TO EXIT AT RIGHT ANGLE AND THEN DOWN FROM TERMINAL BLOCK AS VIEWED FROM A TOP ANGLE WITH TERMINAL BLOCK'S BACK WALL FACING TO THE RIGHT.
6. INDIVIDUAL CONDUCTORS SHOULD BE WRAPPED WITH AT LEAST TWO TIE-WRAPS AS NECESSARY.
7. CABLES SHOULD BE IDENTIFIED WITH A LABEL APPLIED TO THE BACK WALL OF THE TERMINAL BLOCK, AND CONTAIN PLC DIRECT LOGO, PART NUMBER AND APPROPRIATE I/O MODULES SUITABLE FOR THE CABLE.
8. OVERNIGHT CABLE END TO BE MOUNTED WITH AUTOMATIONDIRECT.COM LOGO WITH SUITABLE LATCHING SURFACES TO ACCOMMODATE 3M CHG SERIES CONNECTORS.



24-PIN D-SHELL CONNECTOR
 AUTOMATIONDIRECT.COM PART
 #D3-10DSHEL
 KOYO PART #14028565

POLARIZED WIREMOUNT SOCKET
 24CONTACTS
 ACCEPTS 22 & 24 AWG WIRE
 3M PART #CHG-2024-J01010-KEP

24 COND. CABLE
 24 AWG, 300V
 2464 AWM
 COLOR CODED

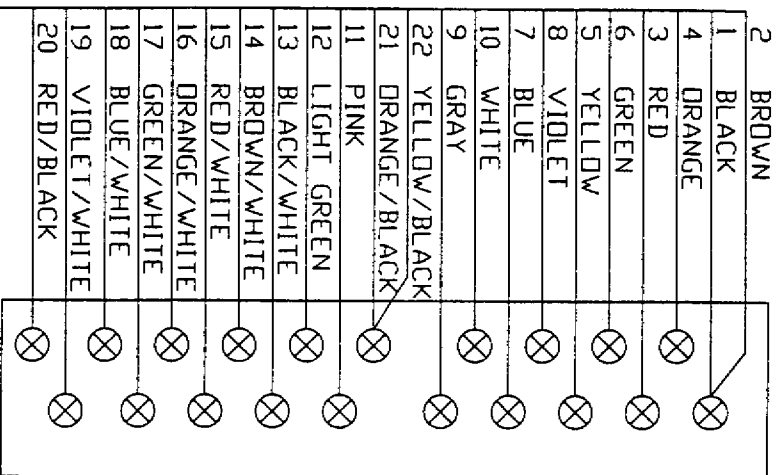


Automationdirect.com

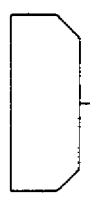
DINNECTOR INTERFACE BLOCK CABLE
 DL305 24-PIN D-SHELL CONNECTOR
 24-PIN 24 AWG WIRING DIAGRAM

Drawn By K L SCHIEBER	Date 02/10/00
File Name 3CBL_24	Dwg. No. DN-3CBL-24

ZL-4CBL2 (0.5 METER)
 ZL-4CBL2-1 (1 METER)
 ZL-4CBL2-2 (2 METER)



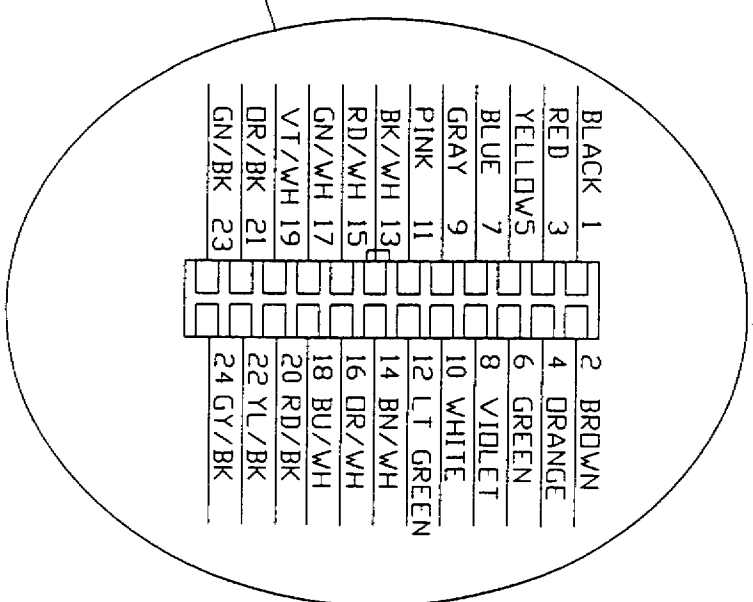
24 COND. CABLE
 24 AWG, 300V
 2464 AWM
 COLOR CODED



- NOTES:**
1. ALL CONDUCTORS TO BE STRIPPED 16mm AND TINNED ON TERMINAL BLOCK END BEFORE INSTALLATION
 2. CUT UNUSED WIRE ENDS BACK TO THE JACKET BEFORE APPLYING HEAT SHRINK TUBING.
 3. STRIP CABLE JACKET BACK 10-15mm FROM BOTTOM WALL OF TERMINAL BLOCK.
 4. APPLY HEAT SHRINK TUBING END PARALLEL TO THE BOTTOM WALL OF THE TERMINAL BLOCK.
 5. CONDUCTORS TO EXIT AT RIGHT ANGLE AND THEN DOWN FROM TERMINAL BLOCK AS VIEWED FROM A TOP ANGLE WITH TERMINAL BLOCK'S BACK WALL FACING TO THE RIGHT.
 6. INDIVIDUAL CONDUCTORS SHOULD BE WRAPPED WITH AT LEAST TWO TIE-WRAPS AS NECESSARY.
 7. CABLES SHOULD BE IDENTIFIED WITH A LABEL APPLIED TO THE BACK WALL OF THE TERMINAL BLOCK, AND CONTAIN PLC DIRECT LOGG, PART NUMBER AND APPROPRIATE I/O MODULES SUITABLE FOR THE CABLE.
 8. OVERSHULDED CABLE END TO BE MOLDED WITH AUTOMATIONDIRECT.COM LOGO WITH SUITABLE LATCHING SURFACES TO ACCOMMODATE 3M CHG SERIES CONNECTORS.

16 POINT TERMINAL BLOCK
 AUTOMATIONDIRECT.COM PART
 #HD4-16IDCDN
 KDYD PART #14013082

POLARIZED WIREMOUNT SOCKET
 24 CONTACTS
 ACCEPTS 22 & 24 AWG WIRE
 3M PART #CHG-2024-J01010-KEP



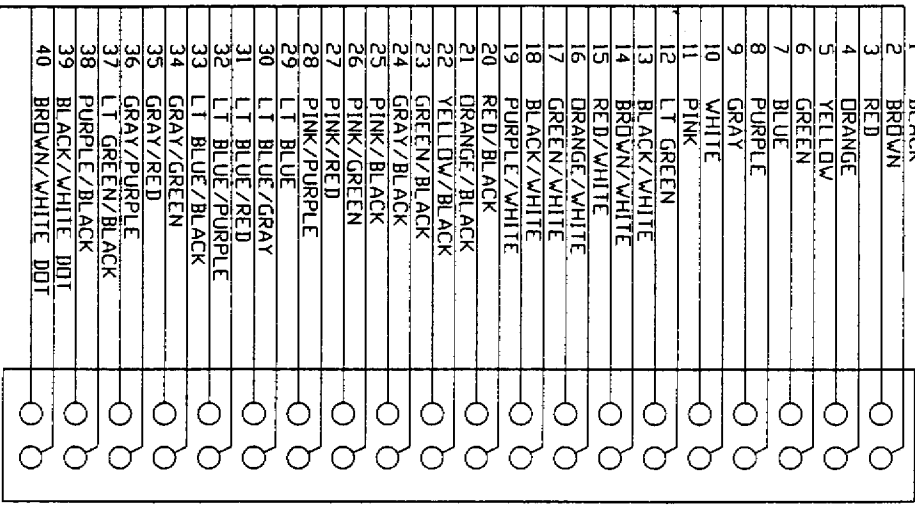
BLACK 1		2 BROWN
RED 3		4 ORANGE
YELLOW 5		6 GREEN
BLUE 7		8 VIOLET
GRAY 9		10 WHITE
PINK 11		12 LT GREEN
BK/WH 13		14 BN/WH
RD/WH 15		16 DR/WH
GN/WH 17		18 BU/WH
VT/WH 19		20 RD/BK
DR/BK 21		22 YL/BK
GN/BK 23		24 GY/BK

Automationdirect.com

DINNECTOR INTERFACE BLOCK CABLE
 DL405 16PT TERMINAL BLOCK
 24-PIN 24 AWG WIRING DIAGRAM

Drawn By K L SCHIEBER	Date 02/10/00
File Name 4CBL_16	Dwg. No. DN-4CBL-16

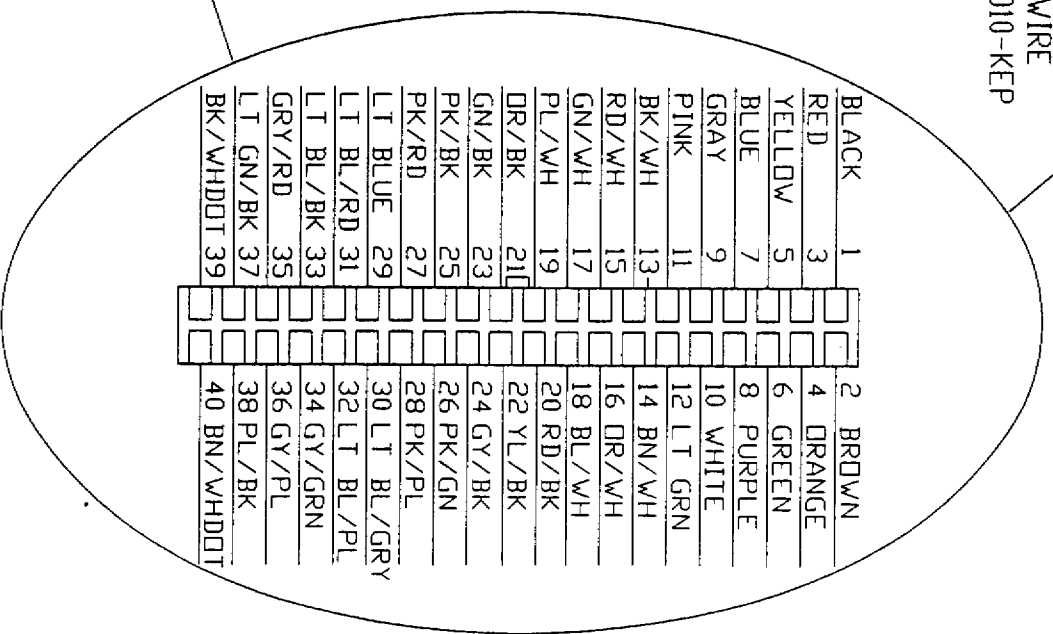
ZL-4CBL4 (0.5 METER)
 ZL-4CBL4-1 (1 METER)
 ZL-4CBL4-2 (2 METER)



40 COND. CABLE
 24 AWG, 300V
 COLDER CODED
 SEE ATTCHED SPECS

POLARIZED WIREMOUNT SOCKET
 40 CONTACTS
 ACCEPTS 22 & 24 AWG WIRE
 3M PART #CHG-2040-J01010-KEP

40-PIN
 D-SHELL CONNECTOR
 AUTOMATIONDIRECT.COM
 PART #D4-ID3264S



BLACK	1		2 BROWN
RED	3		4 ORANGE
YELLOW	5		6 GREEN
BLUE	7		8 PURPLE
GRAY	9		10 WHITE
PINK	11		12 LT GRN
BK/WH	13		14 BN/WH
RD/WH	15		16 DR/WH
GN/WH	17		18 BL/WH
PL/WH	19		20 RD/BK
DR/BK	21		22 YL/BK
GN/BK	23		24 GY/BK
PK/BK	25		26 PK/GN
PK/RD	27		28 PK/PL
LT BLUE	29		30 LT BL/GRY
LT BL/RD	31		32 LT BL/PL
LT BL/BK	33		34 GY/GRN
GRY/RD	35		36 GY/PL
LT GN/BK	37		38 PL/BK
BK/WHDDOT	39		40 BN/WHDDOT

Automationdirect.com

DINNECTOR INTERFACE BLOCK CABLE
 DL 405 40-PIN D-SHELL CONNECTOR
 40-PIN 24 AWG WIRING DIAGRAM

Drawn By	Date
K L SCHIEBER	02/10/00
File Name	Dwg. No.
4CBL_32	DN-4CBL-32

ZL-2CBL2 (0.5 METER)
 ZL-2CBL2--1 (1 METER)
 ZL-2CBL2--2 (2 METER)

NOTES:

1. ALL CONDUCTORS TO BE STRIPPED 16mm AND TINNED ON TERMINAL BLOCK END BEFORE INSTALLATION.
2. CUT UNUSED WIRE ENDS BACK TO THE JACKET BEFORE APPLYING HEAT SHRINK TUBING.
3. STRIP CABLE JACKET BACK 10-15mm FROM BOTTOM WALL OF TERMINAL BLOCK.
4. APPLY HEAT SHRINK TUBING END PARALLEL TO THE BOTTOM WALL OF THE TERMINAL BLOCK.
5. CONDUCTORS TO EXIT AT RIGHT ANGLE AND THEN DOWN FROM TERMINAL BLOCK AS VIEWED FROM A TOP ANGLE WITH TERMINAL BLOCK'S BACK WALL FACING TO THE RIGHT.
6. INDIVIDUAL CONDUCTORS SHOULD BE WRAPPED WITH AT LEAST TWO TIE-WRAPS AS NECESSARY.
7. CABLES SHOULD BE IDENTIFIED WITH A LABEL APPLIED TO THE BACK WALL OF THE TERMINAL BLOCK, AND CONTAIN PLC DIRECT LOGO, PART NUMBER AND APPROPRIATE I/O MODULES SUITABLE FOR THE CABLE.
8. OVERMOLDED CABLE END TO BE MOLDED WITH AUTOMATIONDIRECT.COM LOGO WITH SUITABLE LATCHING SURFACES TO ACCOMMODATE 3M CHG SERIES CONNECTORS.

20 COND. CABLE
 24 AWG, 300V
 2464 AWM
 COLOR CODED

2	BROWN	
1	BLACK	
4	ORANGE	
3	RED	
6	GREEN	
5	YELLOW	
8	VIOLET	
7	BLUE	
10	WHITE	
9	GRAY	
20	RED/BLACK	
19	VIOLET/WHITE	
12	LIGHT GREEN	
11	PINK	
14	BROWN/WHITE	
13	BLACK/WHITE	
16	ORANGE/WHITE	
15	RED/WHITE	
18	BLUE/WHITE	
17	GREEN/WHITE	

16 POINT TERMINAL BLOCK
 AUTOMATIONDIRECT.COM PART #D2-16IDCON
 K0YD PART #14013219

BLACK	1		2	BROWN
RED	3		4	ORANGE
YELLOW	5		6	GREEN
BLUE	7		8	VIOLET
GRAY	9		10	WHITE
PINK	11		12	LIGHT GREEN
BK/WH	13		14	BN/WH
RD/WH	15		16	DR/WH
GN/WH	17		18	BU/WH
VT/WH	19		20	RD/BK

POLARIZED WIREMOUNT SOCKET
 20 CONTACTS
 ACCEPTS 22 & 24 AWG WIRE
 3M PART #CHG-2020-J01010-KEP



Automationdirect.com

DINNECTOR INTERFACE BLOCK CABLE
 DL205 16PT TERMINAL BLOCK
 20-PIN 24 AWG WIRING DIAGRAM

Drawn By K L SCHIEBER	Date 02/10/00
File Name 2CBL_16	Dwg. No. DN-2CBL-16