

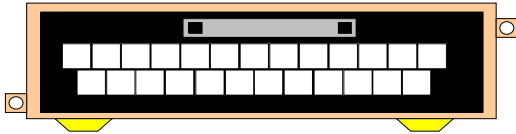
# OMRON

“Wire it up”  
guide  
with XW2B/XW2Z

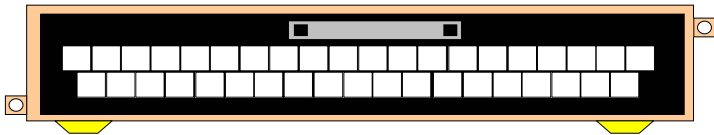
Johan GYNS and Kimura

# Passive Input terminals

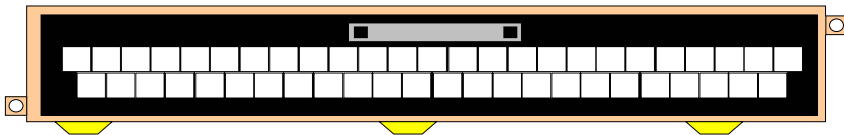
XW2B-20G5



XW2B-40G5

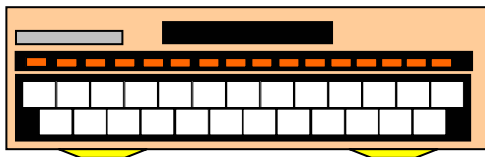


XW2B-60G5



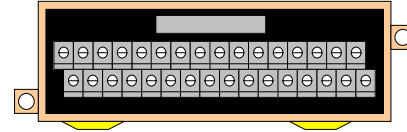
M3,5 screws

XW2C-20G5-IN16

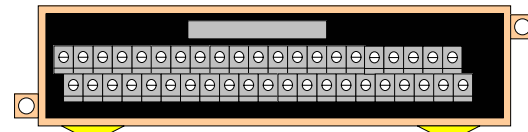


With LED

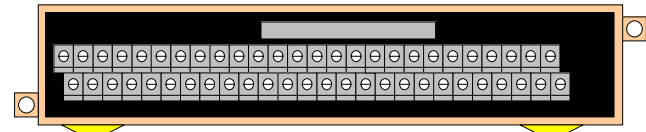
XW2B-20G4



XW2B-40G4



XW2B-60G4



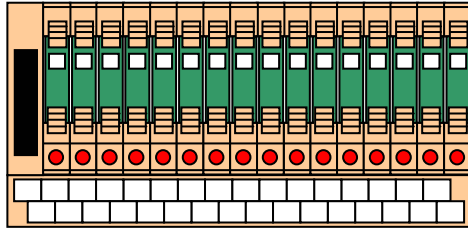
M2,4 screws

# NPN

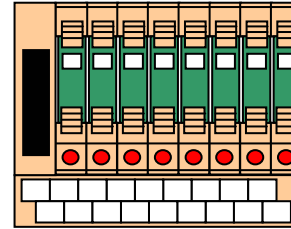
## Relay Output Terminals

# PNP

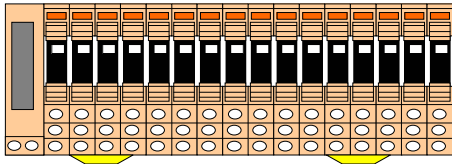
G7TC-OC16



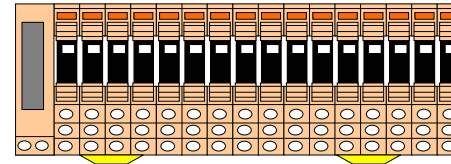
G7TC-OC08-1



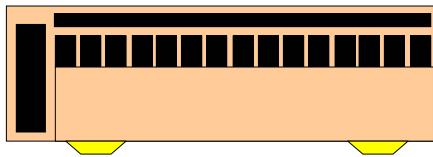
G70A-ZOC16-3 + G2R-1-S(N) relay



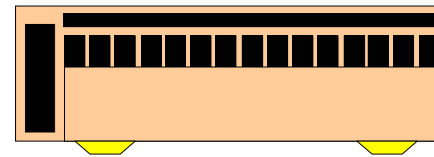
G70A-ZOC16-4 + G2R-1-S(N) relay



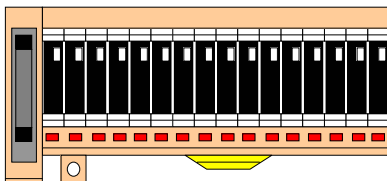
G70D-SOC16



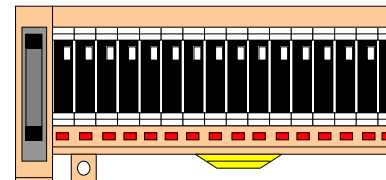
G70D-SOC16-1



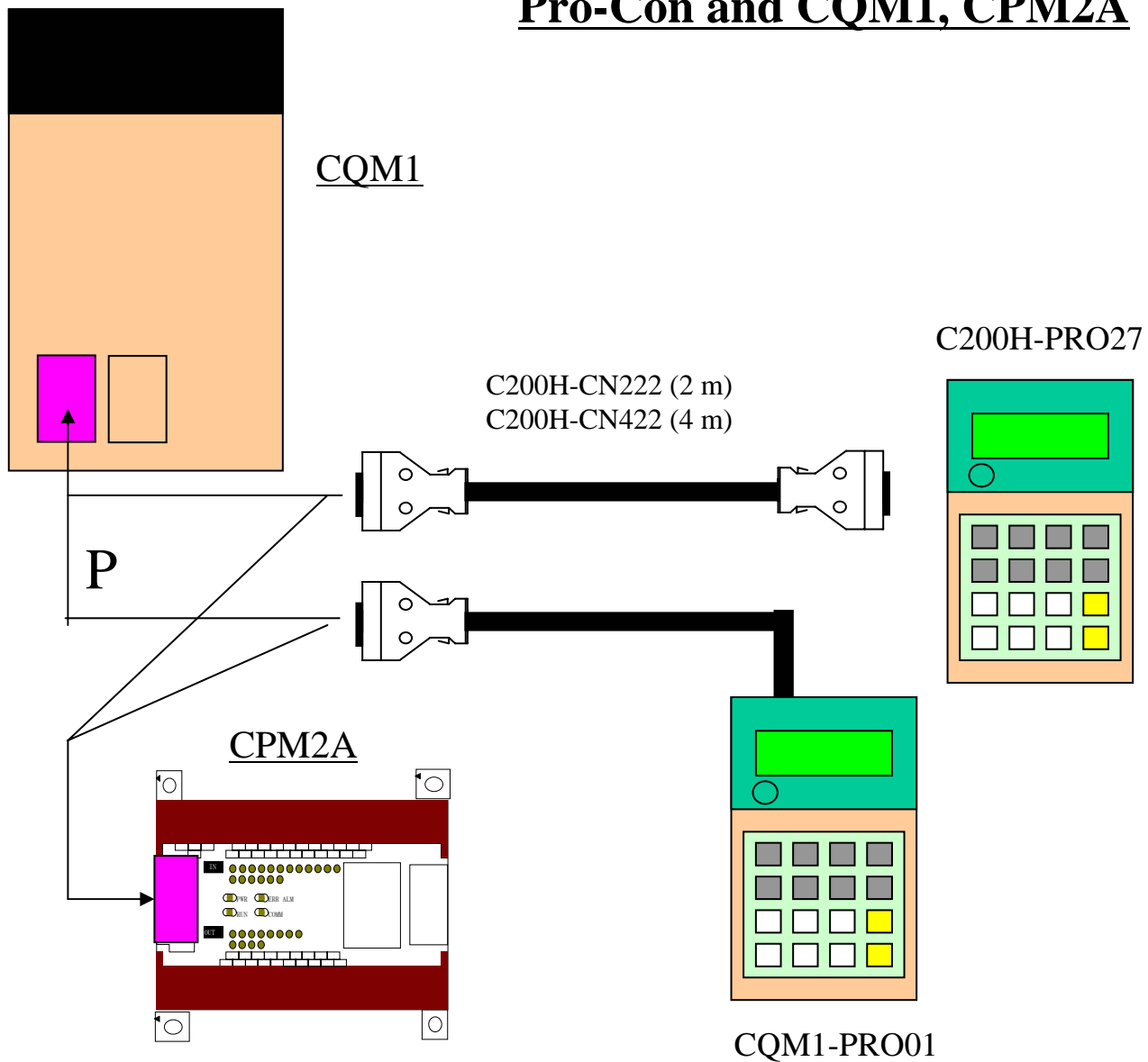
G70D-VS0C16



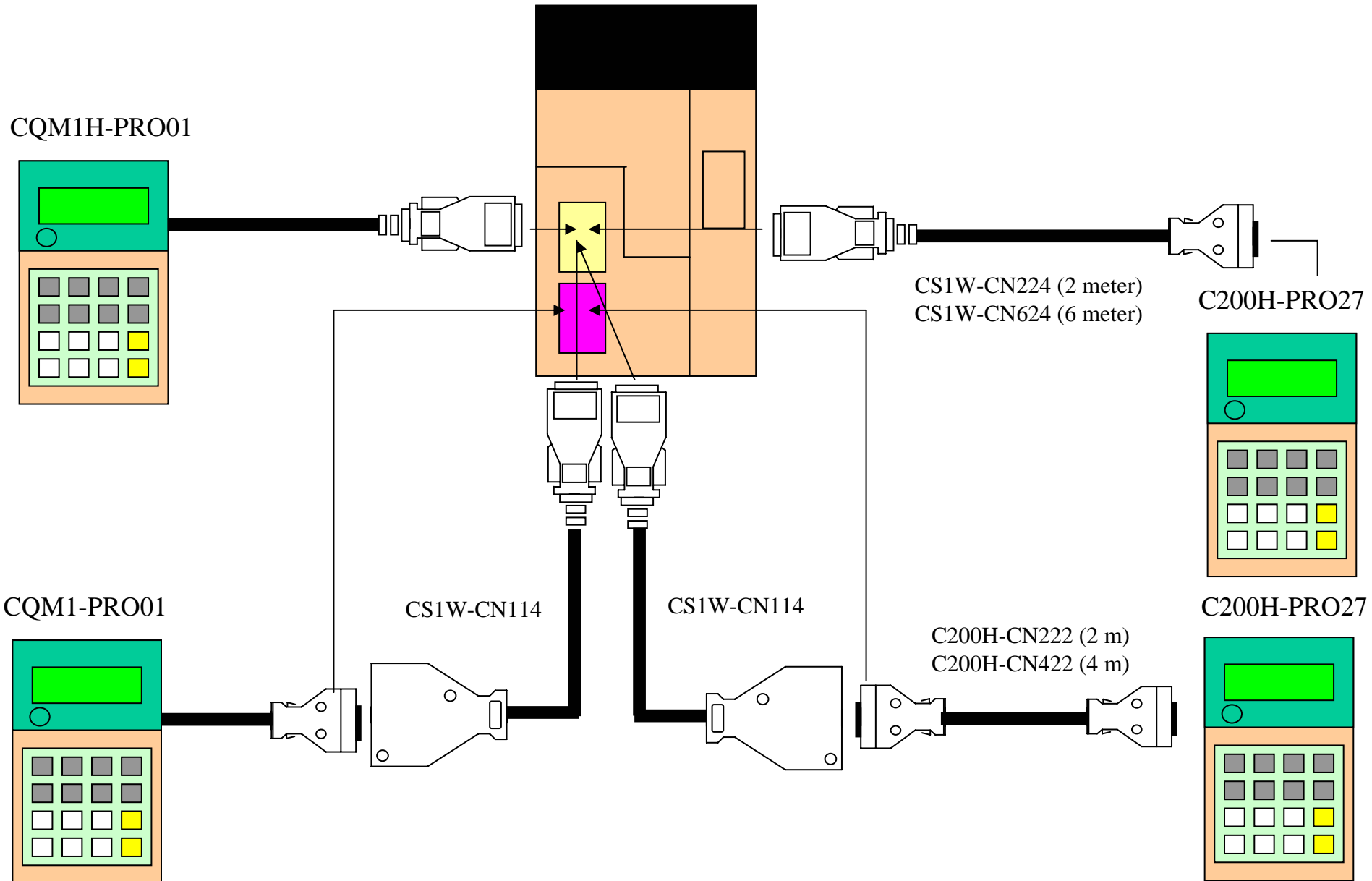
G70D-VS0C16-1



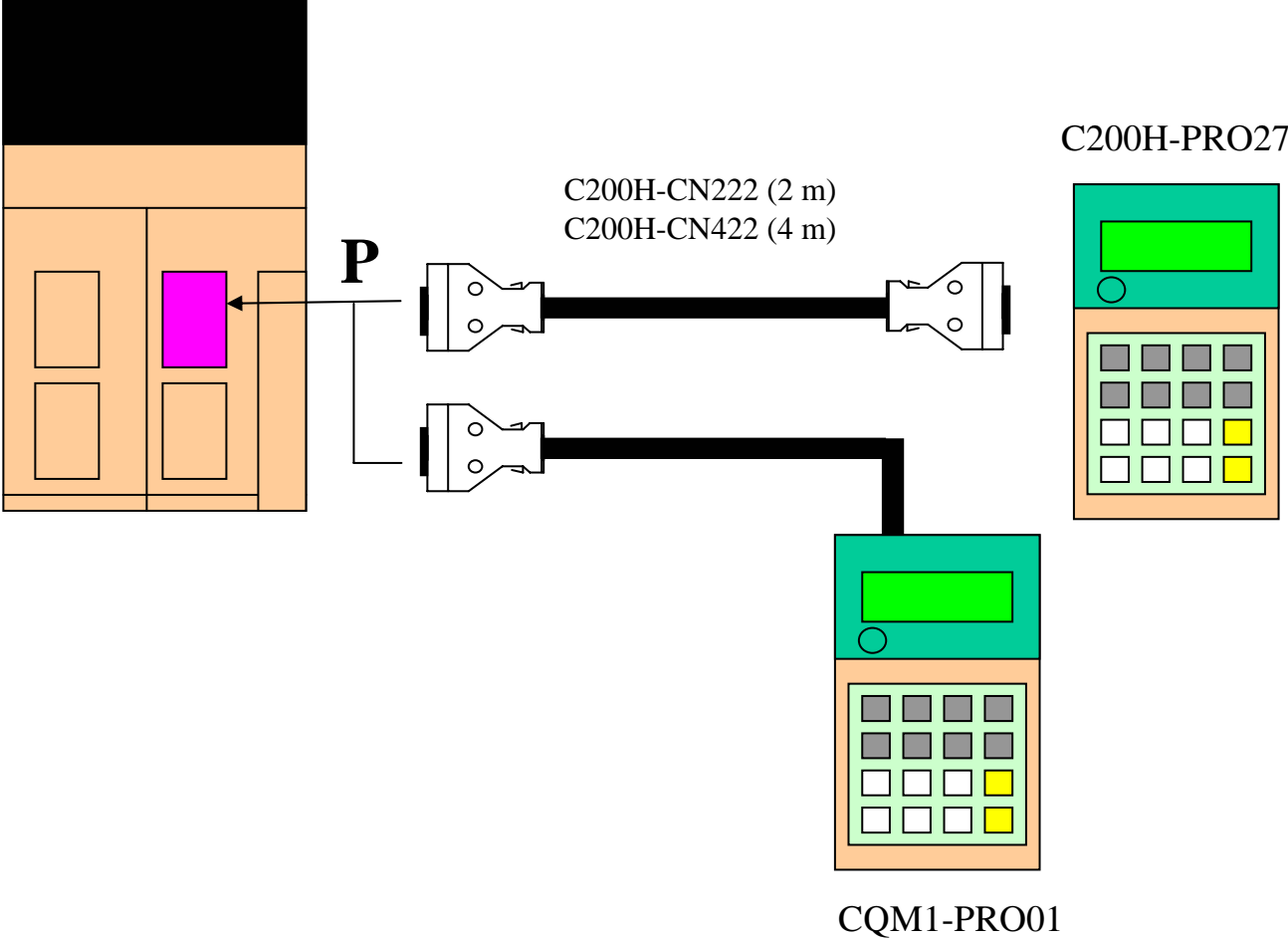
# Pro-Con and CQM1, CPM2A



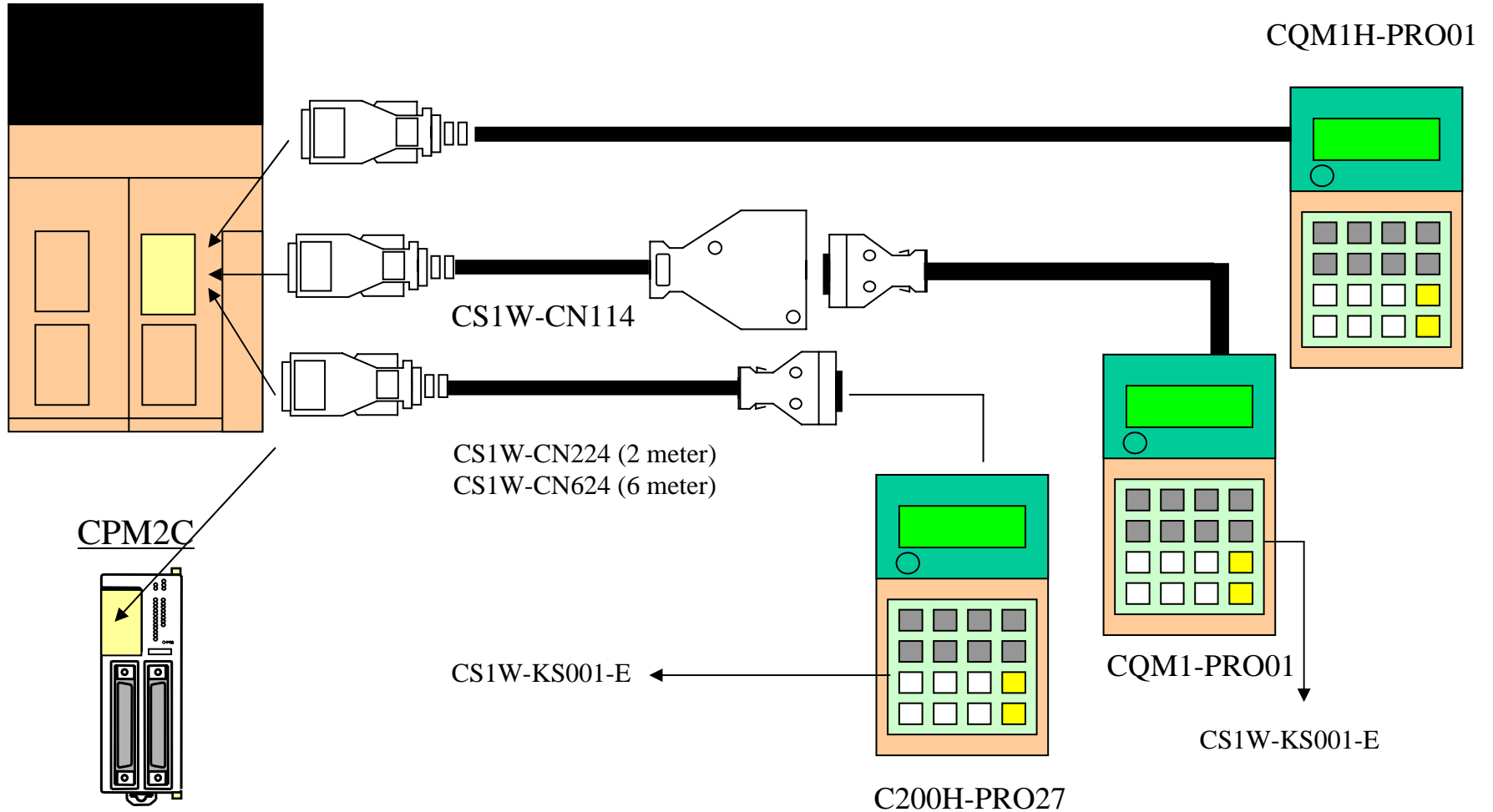
# Pro-Con and CQM1H



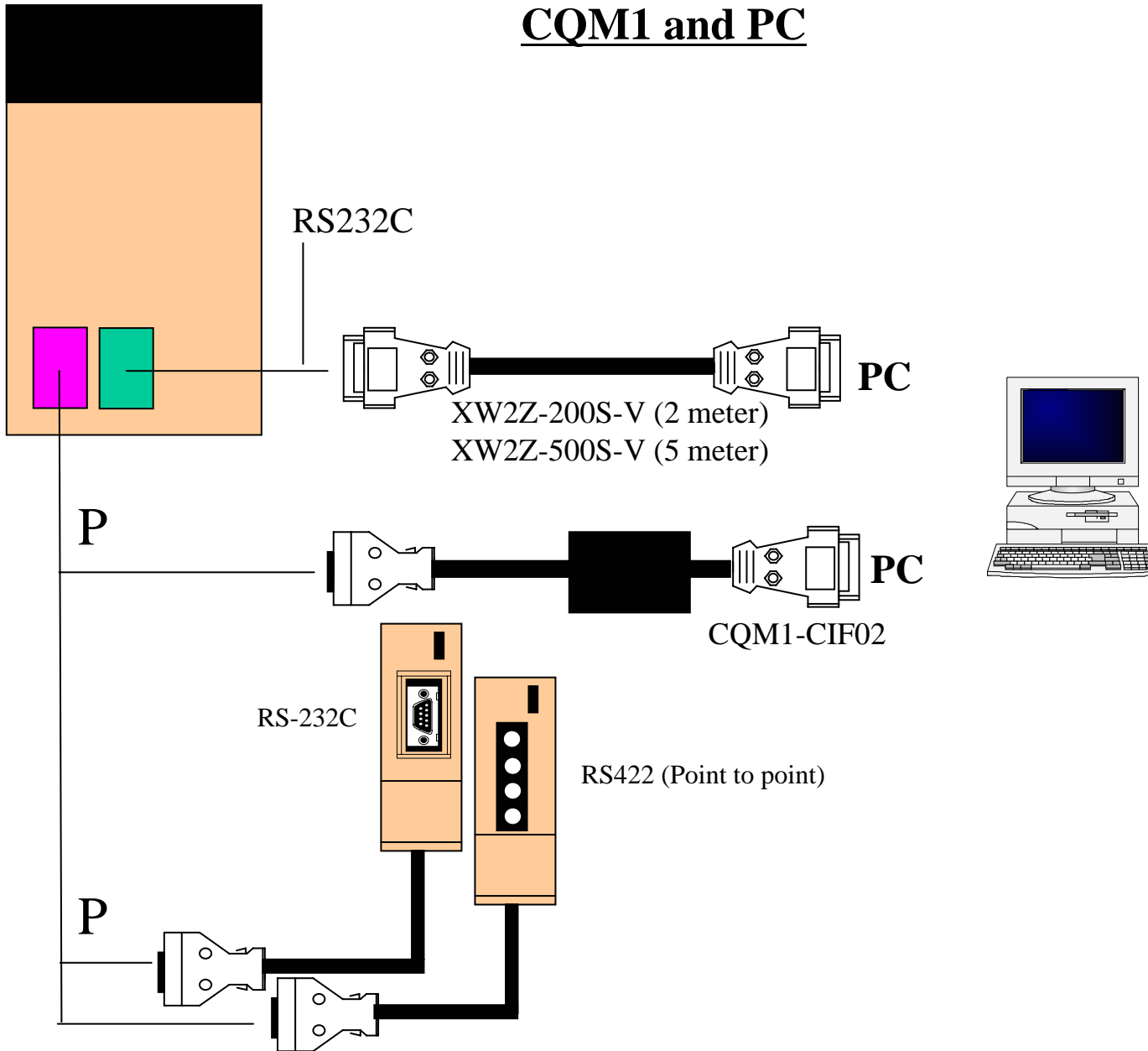
# Pro-Con and C200H Alpha



# Pro-Con and CS1 or CPM2C

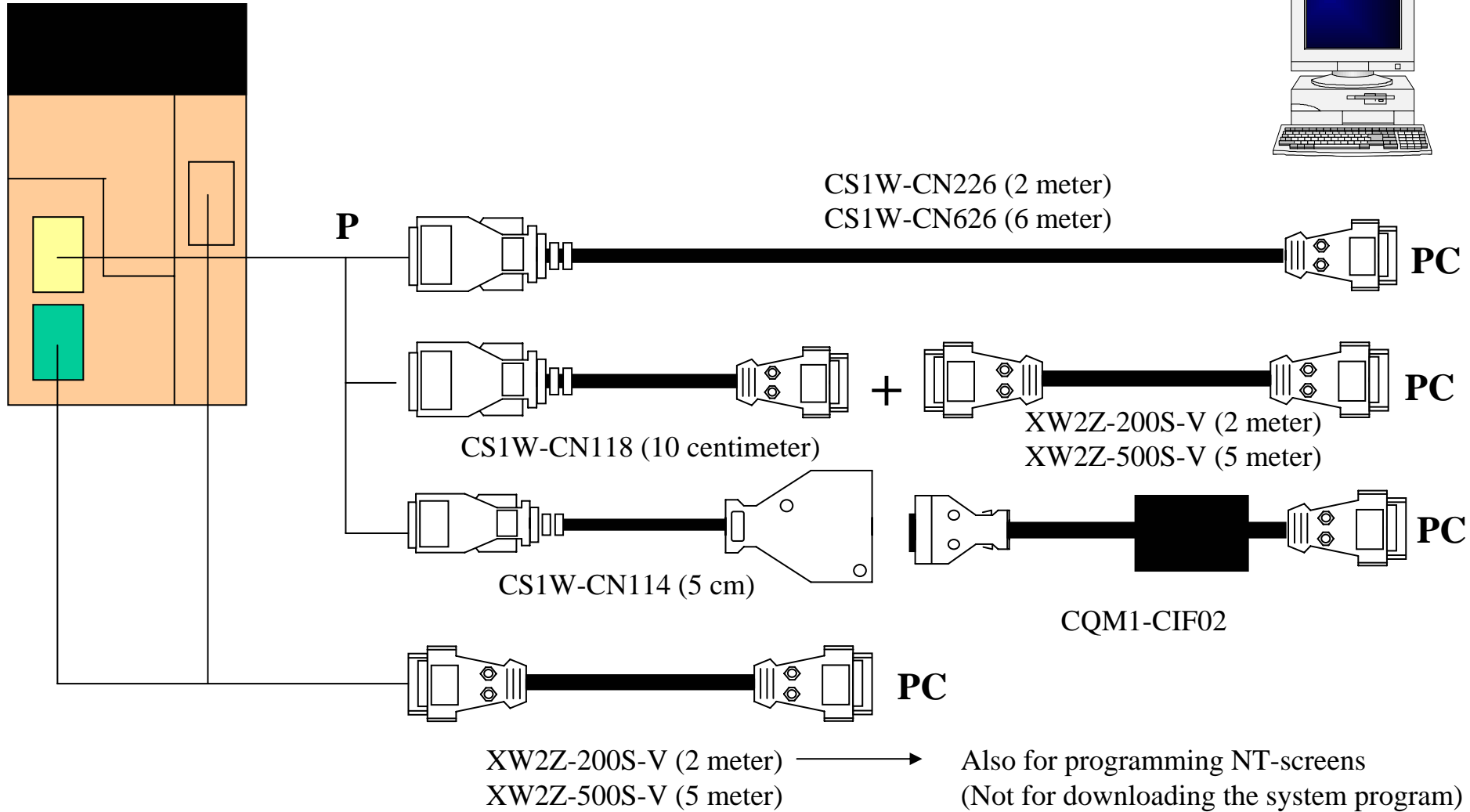


# CQM1 and PC

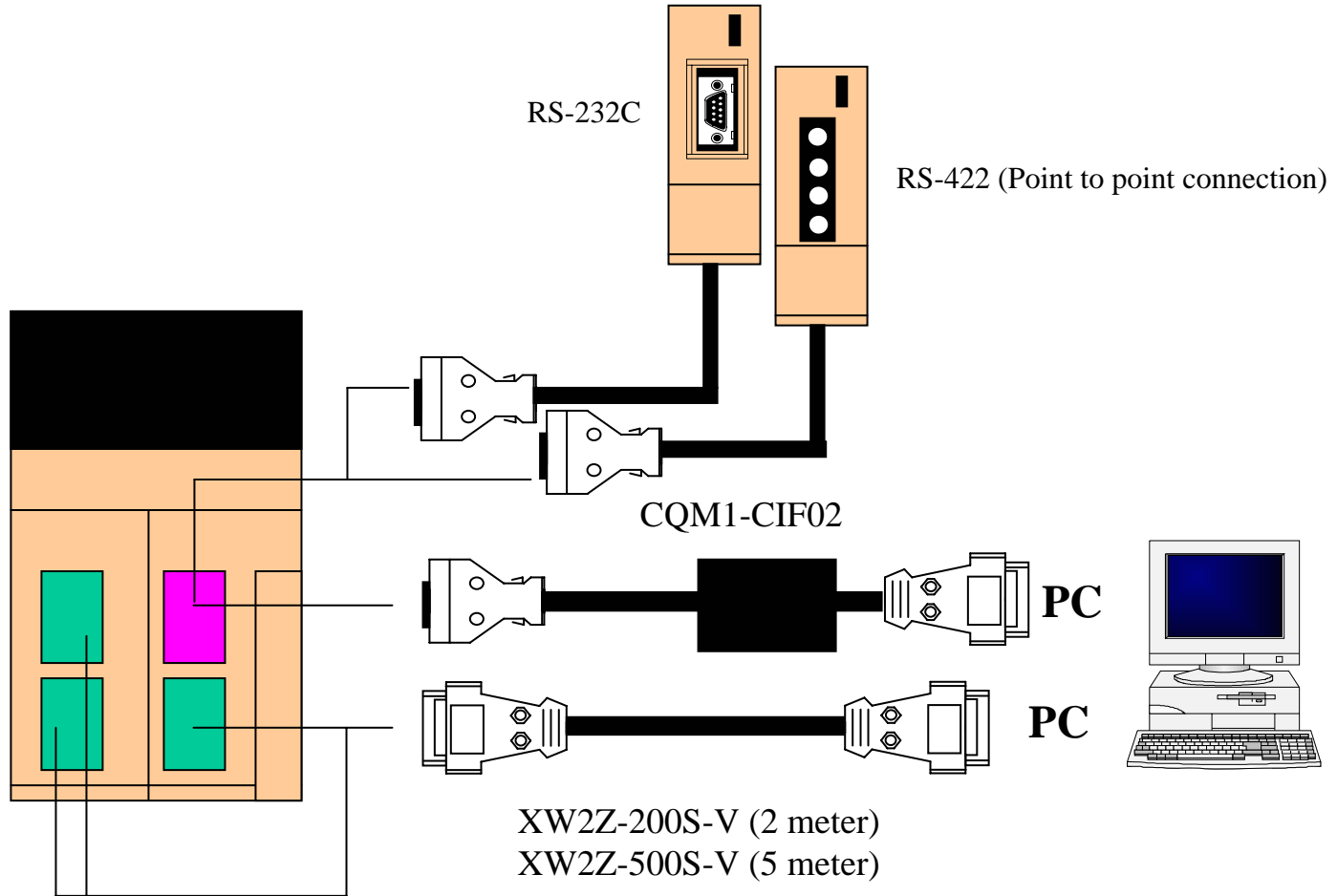




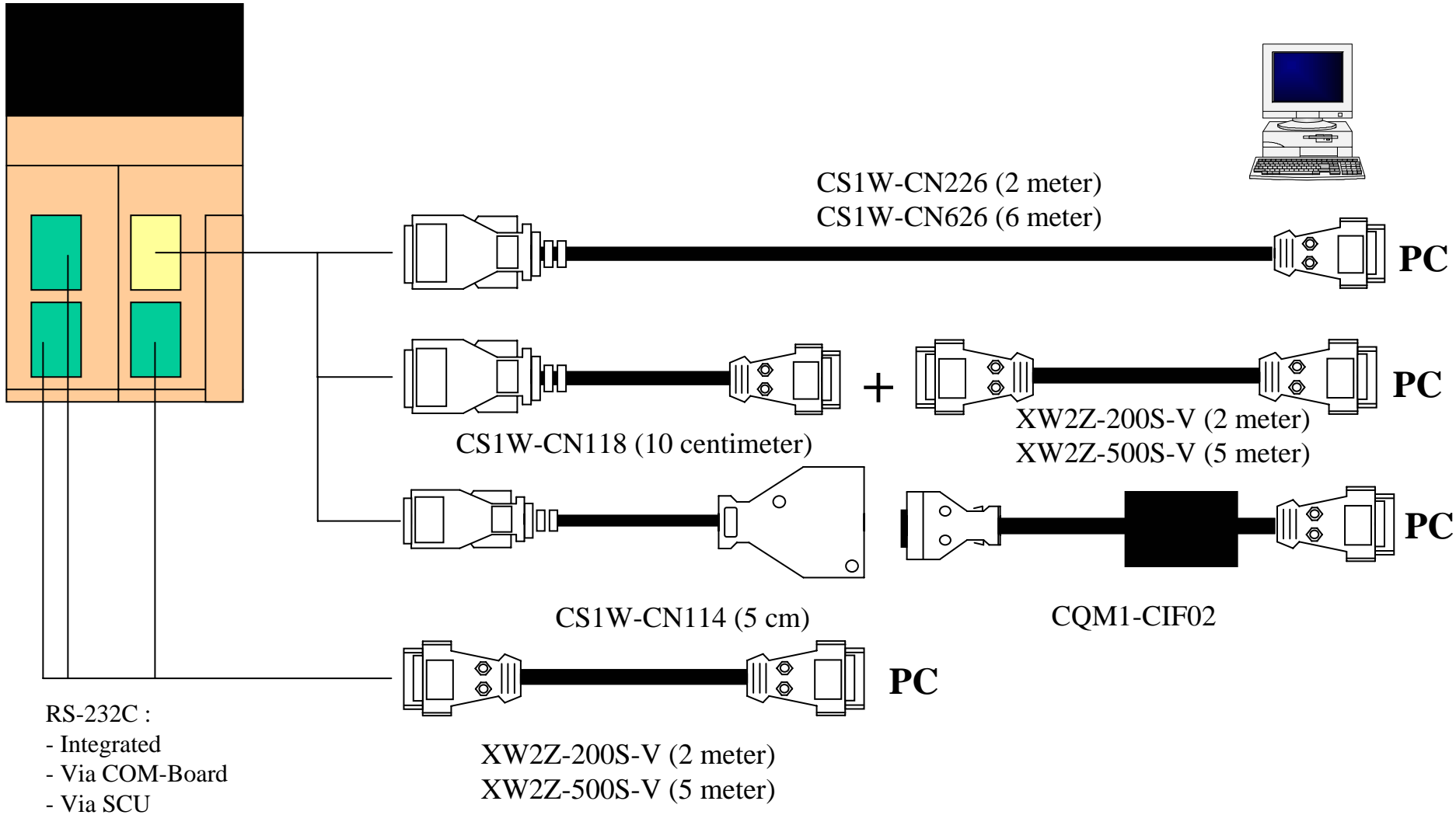
# CQM1H and PC



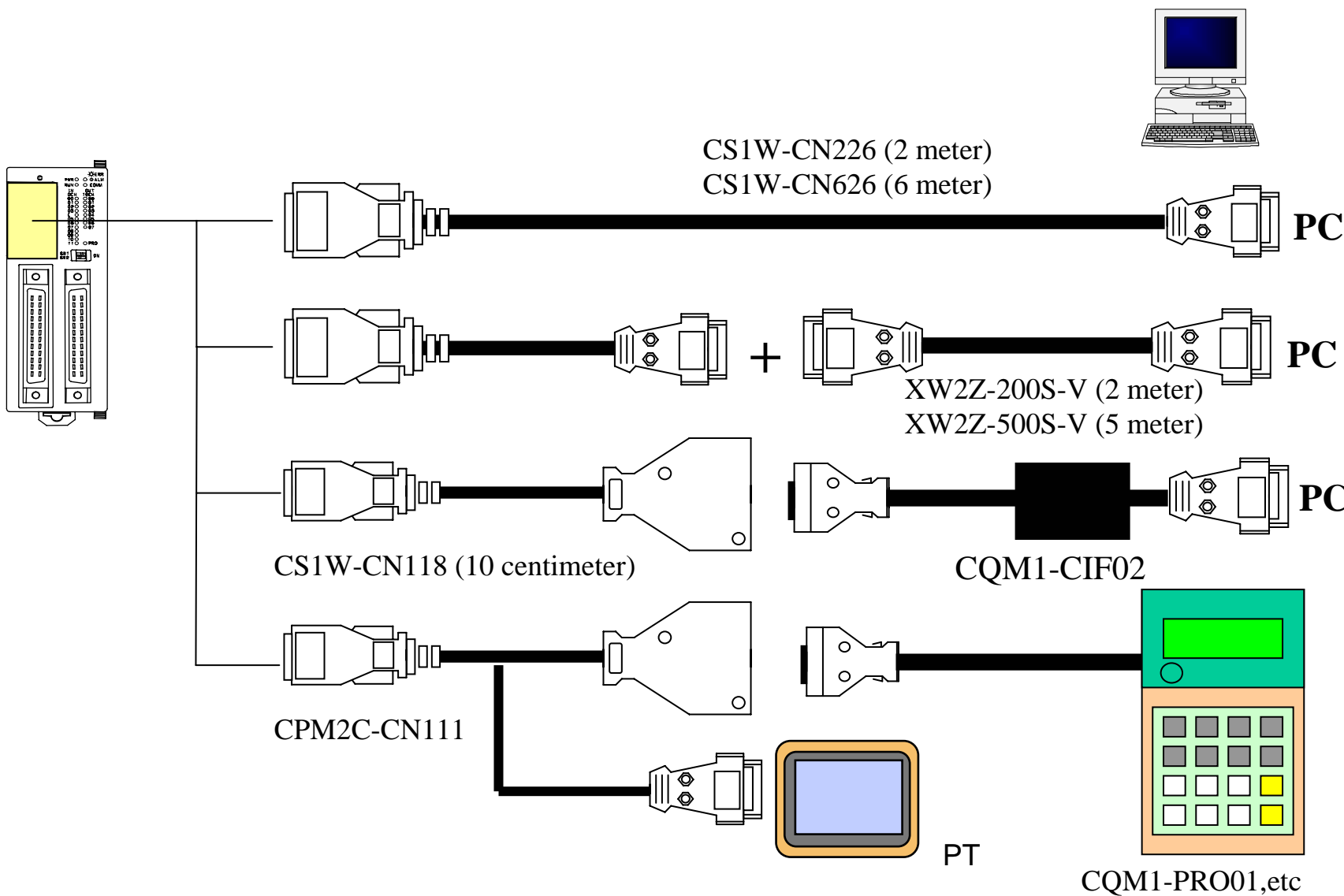
# C200H alpha and PC



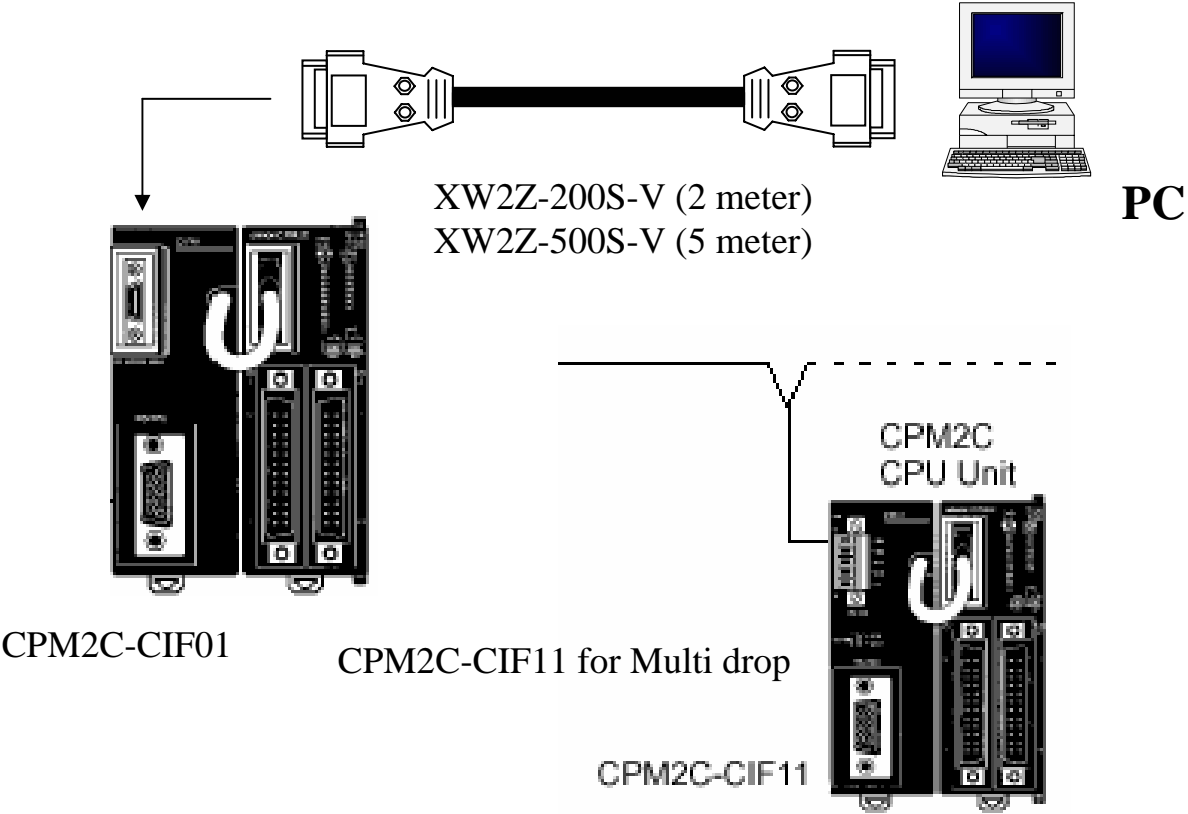
# CS1 and PC



# CPM2C and PC

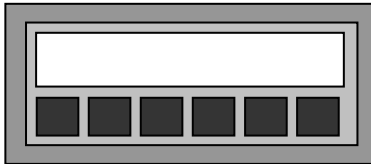


# CPM2C + CIF01 and PC

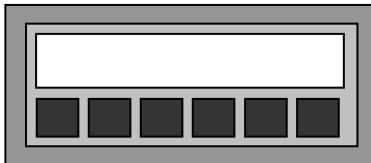


# NT2S and PLC

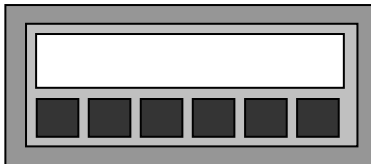
NT2S-SF121



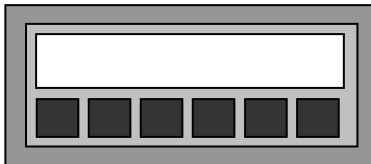
NT2S-SF122/123



NT2S-SF121



NT2S-SF122/123



Peripheral port (Old type : C200H/CQM1...)

NT2S-CN212 (2 meter)  
NT2S-CN215 (5 meter)



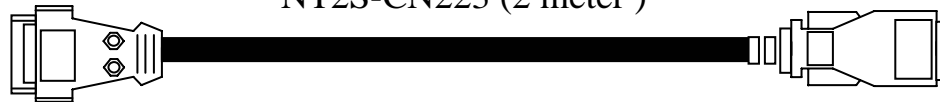
NT2S-CN222 (2 meter)  
NT2S-CN225-V1 (5 meter)



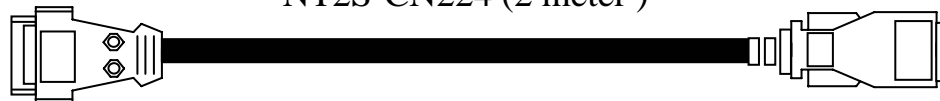
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Peripheral port (New type : CS1/CQM1H/CPM2C ...)

NT2S-CN223 (2 meter )

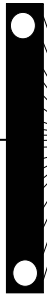
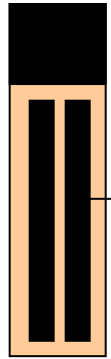


NT2S-CN224 (2 meter )

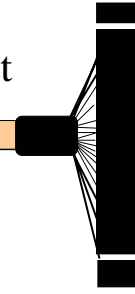


# CS1 48 x 2 points DC IN / OUT + XW2B 60 pins

96 points unit  
(2 x 48 points)

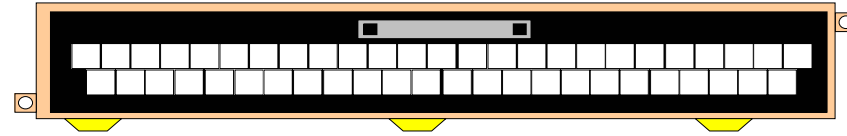


2 cables are required for each unit



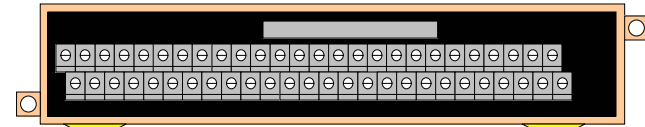
2 terminals required

XW2B-60G5



**OR**

XW2B-60G4



2 terminals required

CS1W-ID291 (2 x 48 inputs)

CS1W-OD291 (2 x 48 NPN outputs)

CS1W-OD292 (2 x 48 PNP outputs)

CS1W-MD291 (1 x 48 Inputs)  
(1 x 48 NPN outputs)

CS1W-MD292 (1 x 48 Inputs)  
(1 x 48 PNP outputs)

- XW2Z-050H-1 (0,5m)
- XW2Z-100H-1 (1 m)
- XW2Z-150H-1 (1,5m)
- XW2Z-200H-1 (2 m)
- XW2Z-300H-1 (3 m)
- XW2Z-500H-1 (5 m)
- XW2Z-700H-1 (7 m)
- XW2Z-010H-1 (10 m)
- XW2Z-100H-1G (1 m)
- XW2Z-150H-1G (1,5m)
- XW2Z-200H-1G (2 m)
- XW2Z-300H-1G (3 m)
- XW2Z-500H-1G (5 m)

# CS1 48 x 2 points DC IN/OUT + XW2B 40 pins

96 points unit  
(2 x 48 points)

1 - 1,5 - 2 - 3 - 5 - 10 m (1 - 1,5 - 2 - 3,5 - 5 for H-2G cables)

0,75 - 1,25 - 1,75 - 2,75 - 4,75 - 9,75 m

0,75 - 1,25 - 1,75 - 2,75 - 4,75 for H-2G cables

2 cables are required for each unit

CS1W-ID291 (2 x 48 inputs)

CS1W-OD291 (2 x 48 NPN outputs)

CS1W-OD292 (2 x 48 PNP outputs)

CS1W-MD291 (1 x 48 Inputs)  
(1 x 48 NPN outputs)

CS1W-MD292 (1 x 48 Inputs)  
(1 x 48 PNP outputs)

- XW2Z-100H-2
- XW2Z-150H-2
- XW2Z-200H-2
- XW2Z-300H-2
- XW2Z-500H-2
- XW2Z-010H-2
- XW2Z-100H-2G
- XW2Z-150H-2G
- XW2Z-200H-2G
- XW2Z-300H-2G
- XW2Z-500H-2G

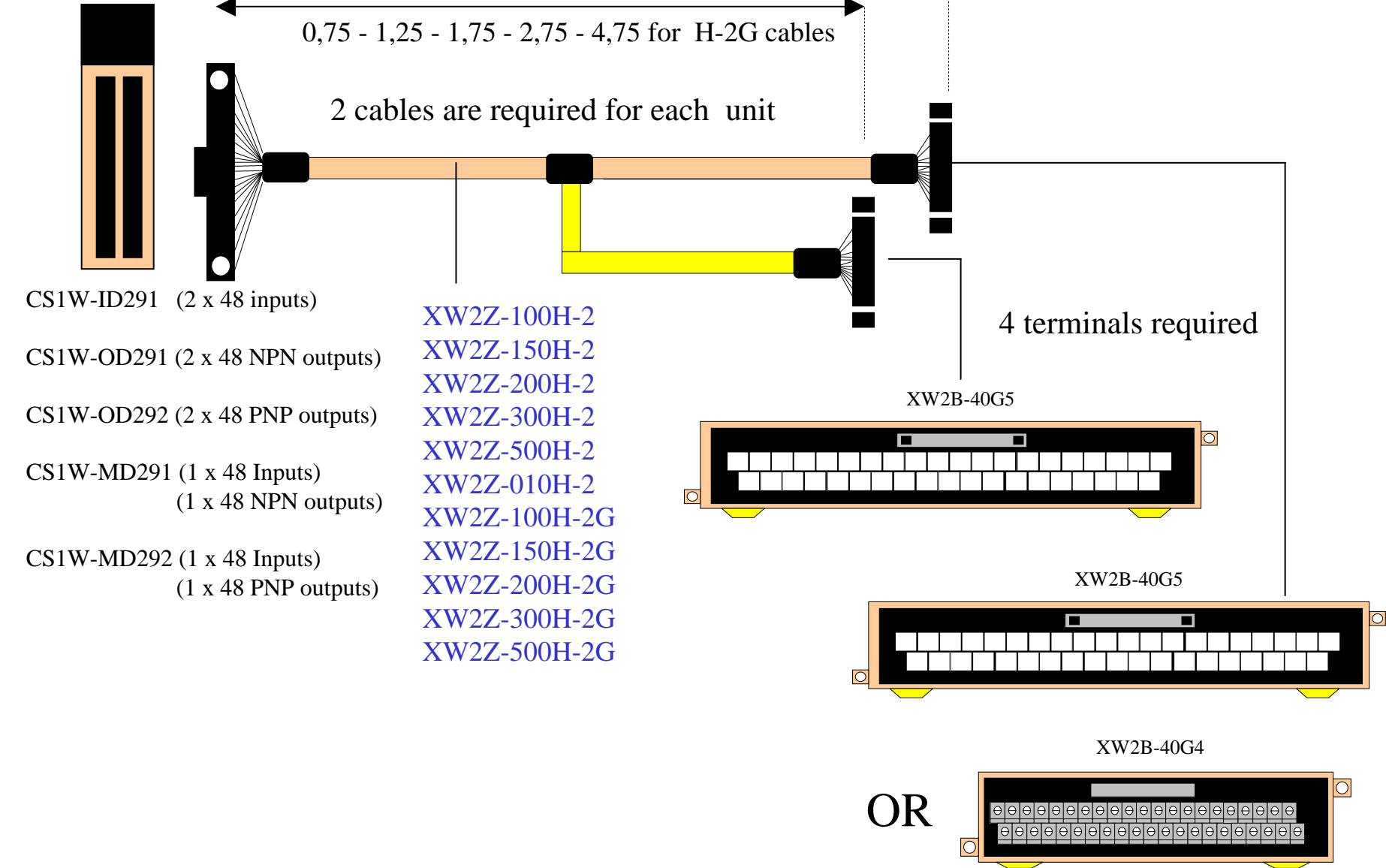
4 terminals required

XW2B-40G5

XW2B-40G5

XW2B-40G4

OR





# CS1 48 (x2) points DC OUT + XW2B-20G5, G4 20 pins

96 pts unit  
(2 x 48 points)

1 - 1,5 - 2 - 3 - 5 - 10 m

0,75 - 1,25 - 1,75 - 2,75 - 4,75 - 9,75 m

1 - 1,5 - 2 - 3 - 5 - 10 m

2 cables are required for each unit

6 terminals required

XW2B-20G5

XW2B-20G5

XW2B-20G5

OR

XW2B-20G4

CS1W-ID291 (2 x 48 inputs)

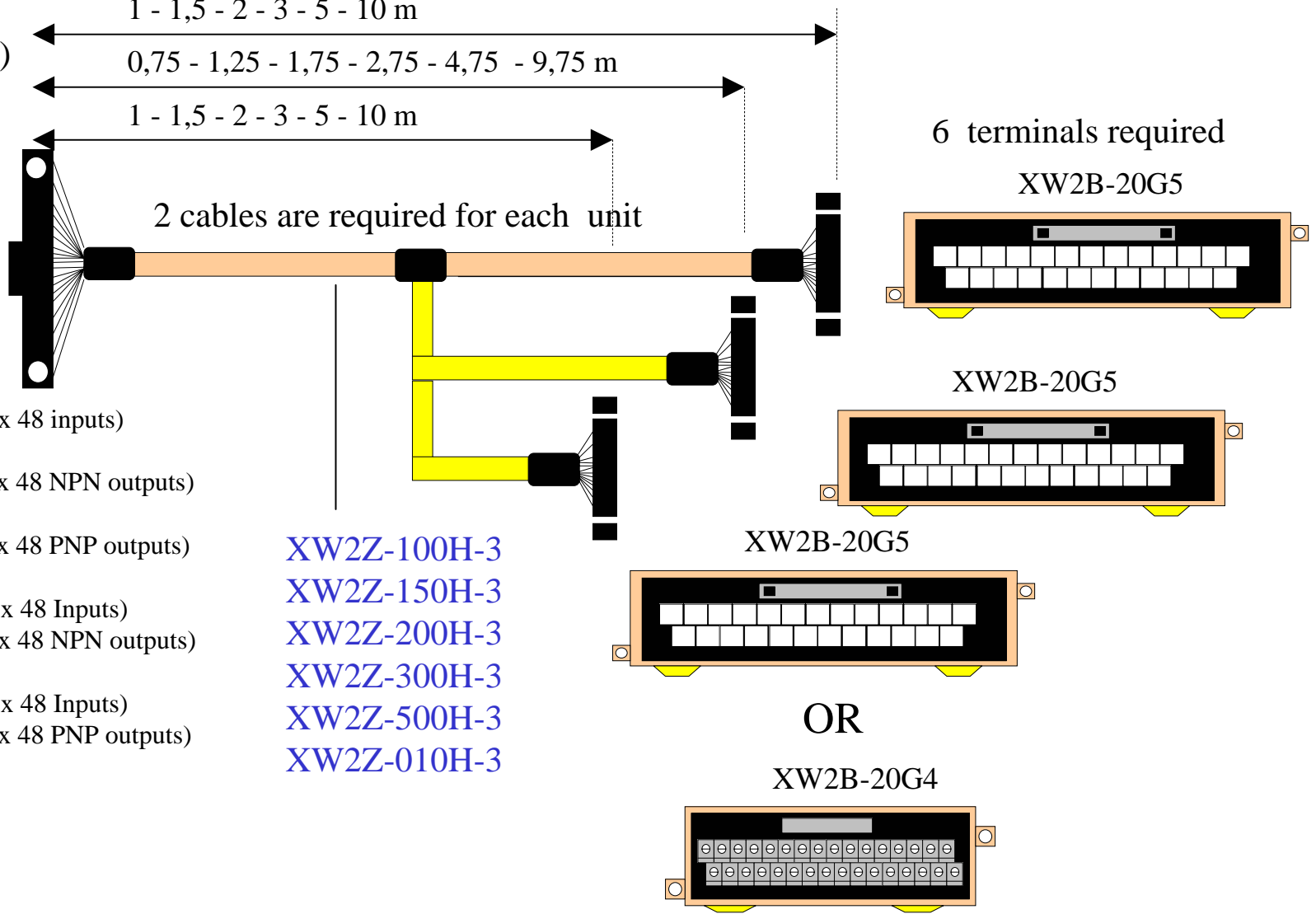
CS1W-OD291 (2 x 48 NPN outputs)

CS1W-OD292 (2 x 48 PNP outputs)

CS1W-MD291 (1 x 48 Inputs)  
(1 x 48 NPN outputs)

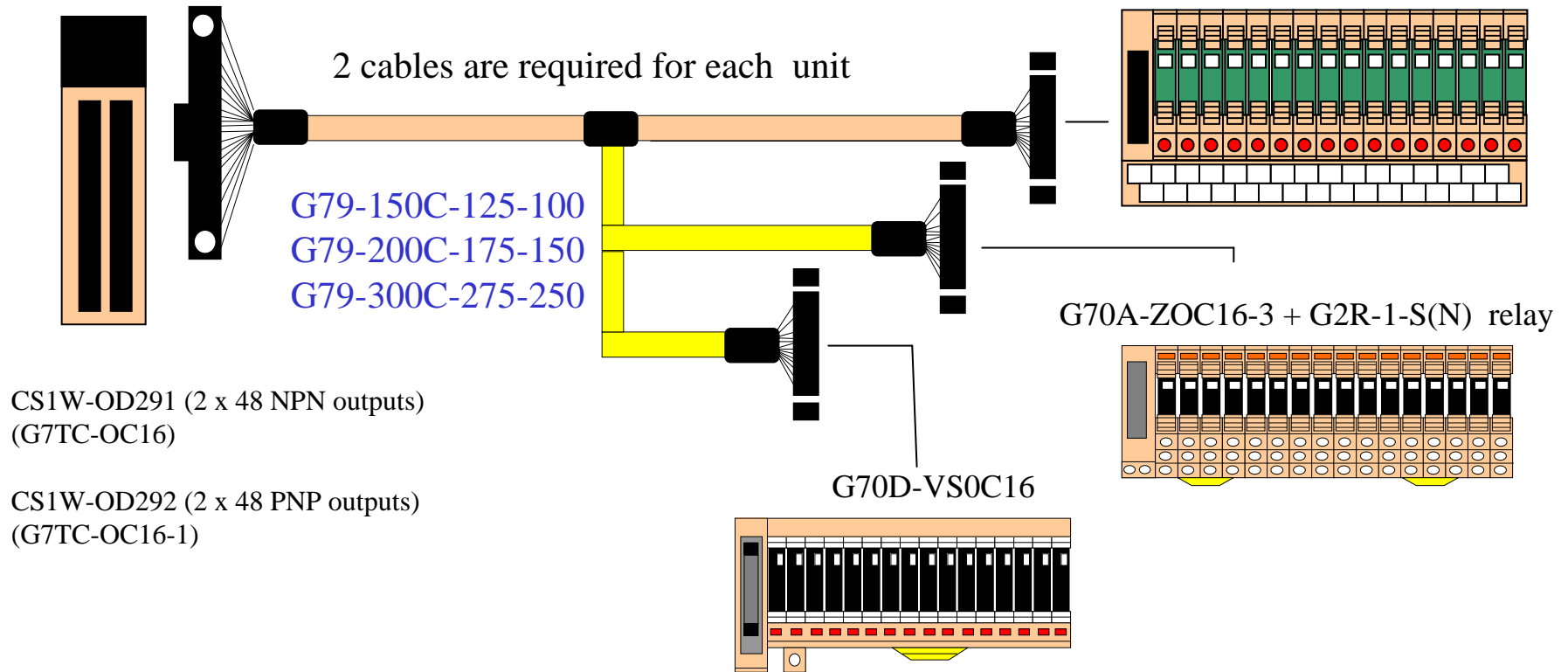
CS1W-MD292 (1 x 48 Inputs)  
(1 x 48 PNP outputs)

XW2Z-100H-3  
XW2Z-150H-3  
XW2Z-200H-3  
XW2Z-300H-3  
XW2Z-500H-3  
XW2Z-010H-3



# CS1 48 x 2 points DC OUT + G7TC-OC16, G70D-ZOC16-3, G70A-ZOC16-3 (16pts x 3)

96 points unit  
(2 x 48 points)



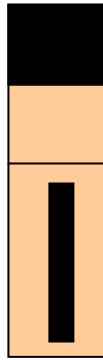
# C200H/CS1 32 (x2) points DC IN/OUT + XW2B-40G5,G4 40 pts

32-points unit  
1 x 32 I/O

C200H-ID216  
(32 Inputs)

C200H-OD218  
CS1W-OD231  
(32 NPN outputs)

C200H-OD21B  
CS1W-OD232  
(32 PNP outputs)

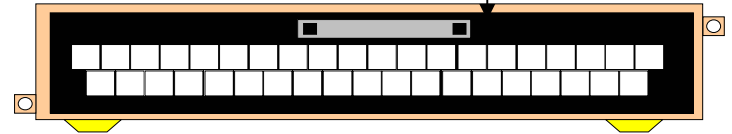


1 cable required for each unit

- XW2Z-50B (0,5 m)
- XW2Z-100B (1m)
- XW2Z-150B (1,5 m)
- XW2Z-200B (2 m)
- XW2Z-300B (3 m)
- XW2Z-500B (5 m)



XW2B-40G5



64 -points unit  
2 x 32 I/O

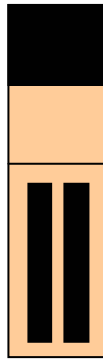
C200H-ID217  
(2 x 32 Inputs)

C200H-OD219  
CS1W-OD261  
(2 x 32 NPN outputs)

CS1W-OD262  
(2 x 32 PNP outputs)

CS1W-MD261  
(32 IN + 32 NPN OUT)

CS1W-MD262  
(32 IN + 32 PNP OUT)

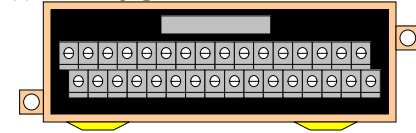


2 cables are required for each unit

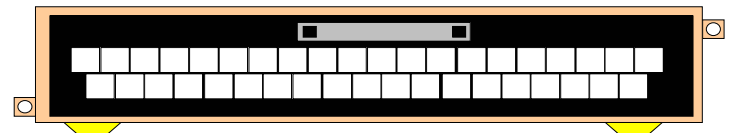
- XW2Z-50B (0,5 m)
- XW2Z-100B (1m)
- XW2Z-150B (1,5 m)
- XW2Z-200B (2 m)
- XW2Z-300B (3 m)
- XW2Z-500B (5 m)

1 terminal required

or XW2B-40G4



XW2B-40G5



2 terminals required

or XW2B-40G4

# C200H 32 (x2) points DC OUT + G70A, G70D, G70D, G7TC

64 -points unit  
(2 x 32 outputs)

C200H-OD218  
CS1W-OD231  
(32 NPN outputs)

C200H-OD219  
CS1W-OD261  
(2 x 32 NPN out)

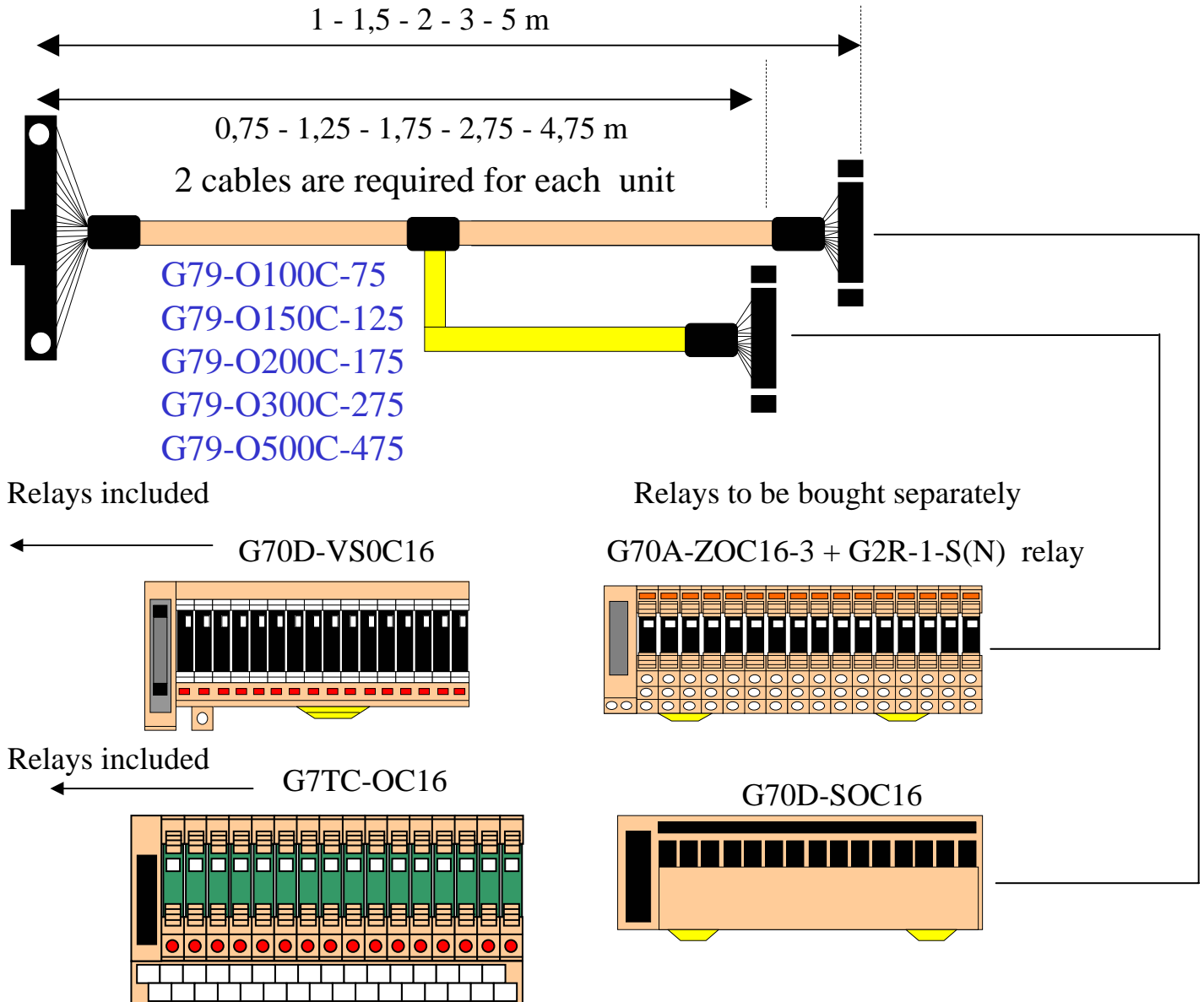
CS1W-MD261  
(32 NPN OUT part)

C200H-OD21B  
CS1W-OD232  
CS1W-OD262  
(32 **PNP** outputs)  
CS1W-MD262  
(32 **PNP** OUT part)

With :  
(G70D-SOC16-1)  
(G7TC-OC16-1)  
(G70A-ZOC16-4)  
(G70D-VSOC16-1)

**PNP**

Note : CQM1-OD216  
(PNP) can not be used  
because of Alarm bit.



# C200H 32 (x2) points DC IN + XW2C-20G5-IN16 20 pins x 2

64 -points unit  
(1/2 x 32 inputs)

1 - 1,5 - 2 - 3 - 5 m

0,75 - 1,25 - 1,75 - 2,75 - 4,75 m

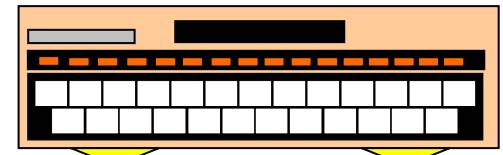
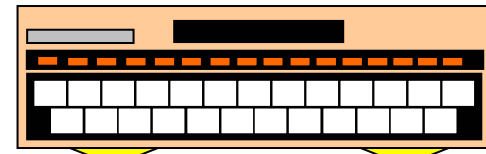
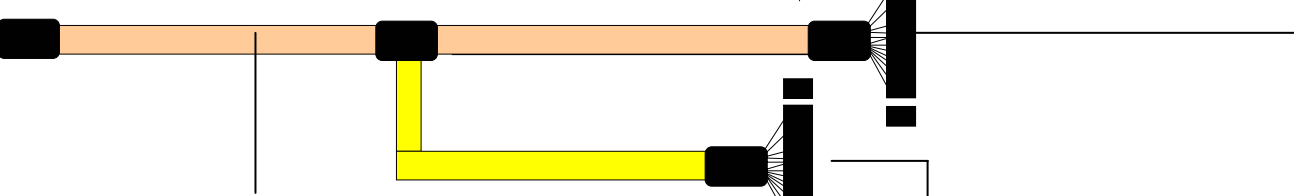
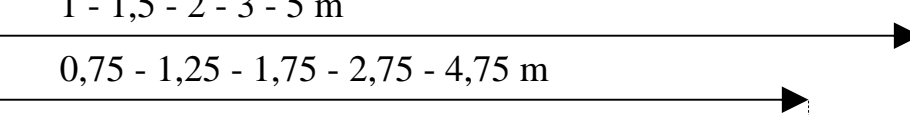
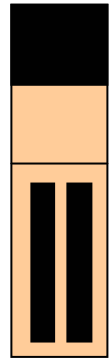
2 cables are required for each unit

C200H-ID216 ( 1 set)  
C200H-ID217 ( 2 sets)

XW2Z-100D  
XW2Z-150D  
XW2Z-200D  
XW2Z-300D  
XW2Z-500D

XW2C-20G5-IN16

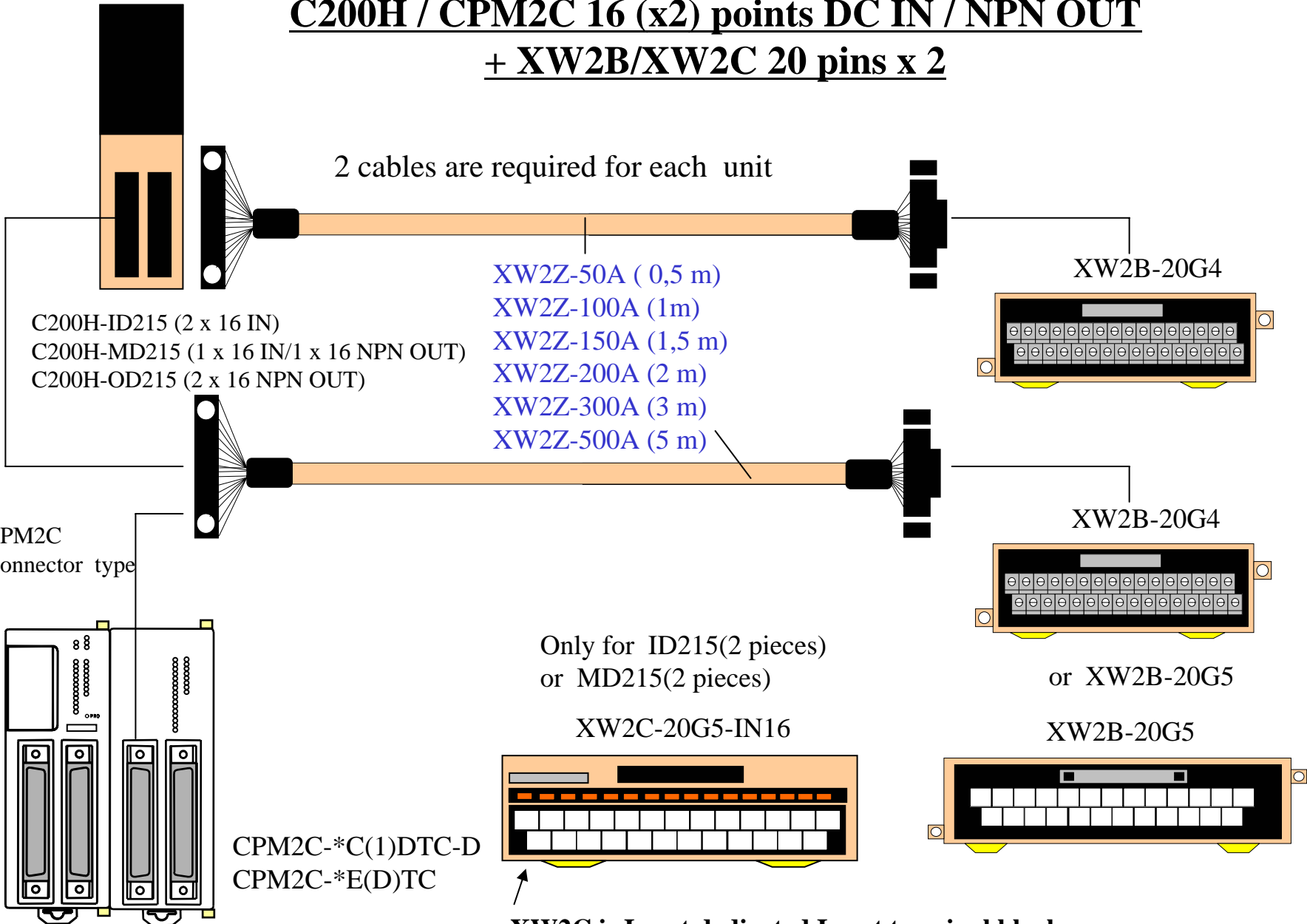
XW2C-20G5-IN16



# C200H / CPM2C 16 (x2) points DC IN / NPN OUT + XW2B/XW2C 20 pins x 2

2 cables are required for each unit

- XW2Z-50A ( 0,5 m)
- XW2Z-100A (1m)
- XW2Z-150A (1,5 m)
- XW2Z-200A (2 m)
- XW2Z-300A (3 m)
- XW2Z-500A (5 m)



**XW2C is Input dedicated Input terminal block**

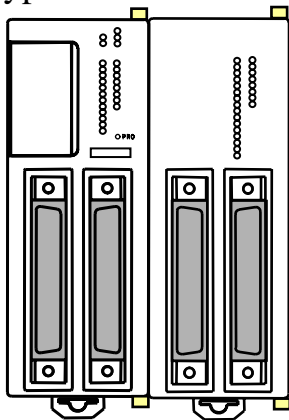
# C200H/CPM2C 16 (x2) points DC IN / NPN OUT + G70D, G70A 16 pins x 2

C200H-MD215 (16 NPN outputs)  
 C200H-OD215 (2 x 16 NPN outputs)

G79-100C (1 m)  
 G79-150C (1,5 m)  
 G79-200C (2 m)  
 G79-300C (3 m)  
 G79-500C 5 m

2 cables are required for each unit

CPM2C  
 Connector type

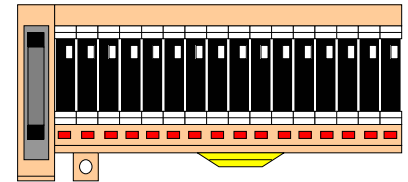


G79-O50C or G79-O25C

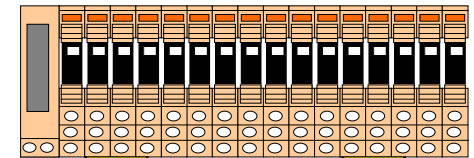
+

CPM2C-\*C(1)DTC-D  
 CPM2C-\*E(D)TC

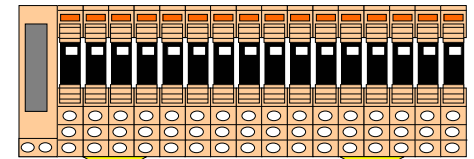
G70D-VS0C16



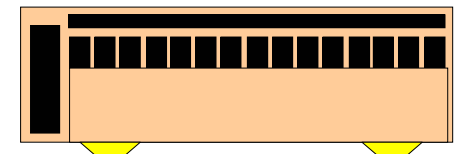
G70A-ZOC16-3 + G2R-1-S(N) relay



G70A-ZOC16-3 + G2R-1-S(N) relay

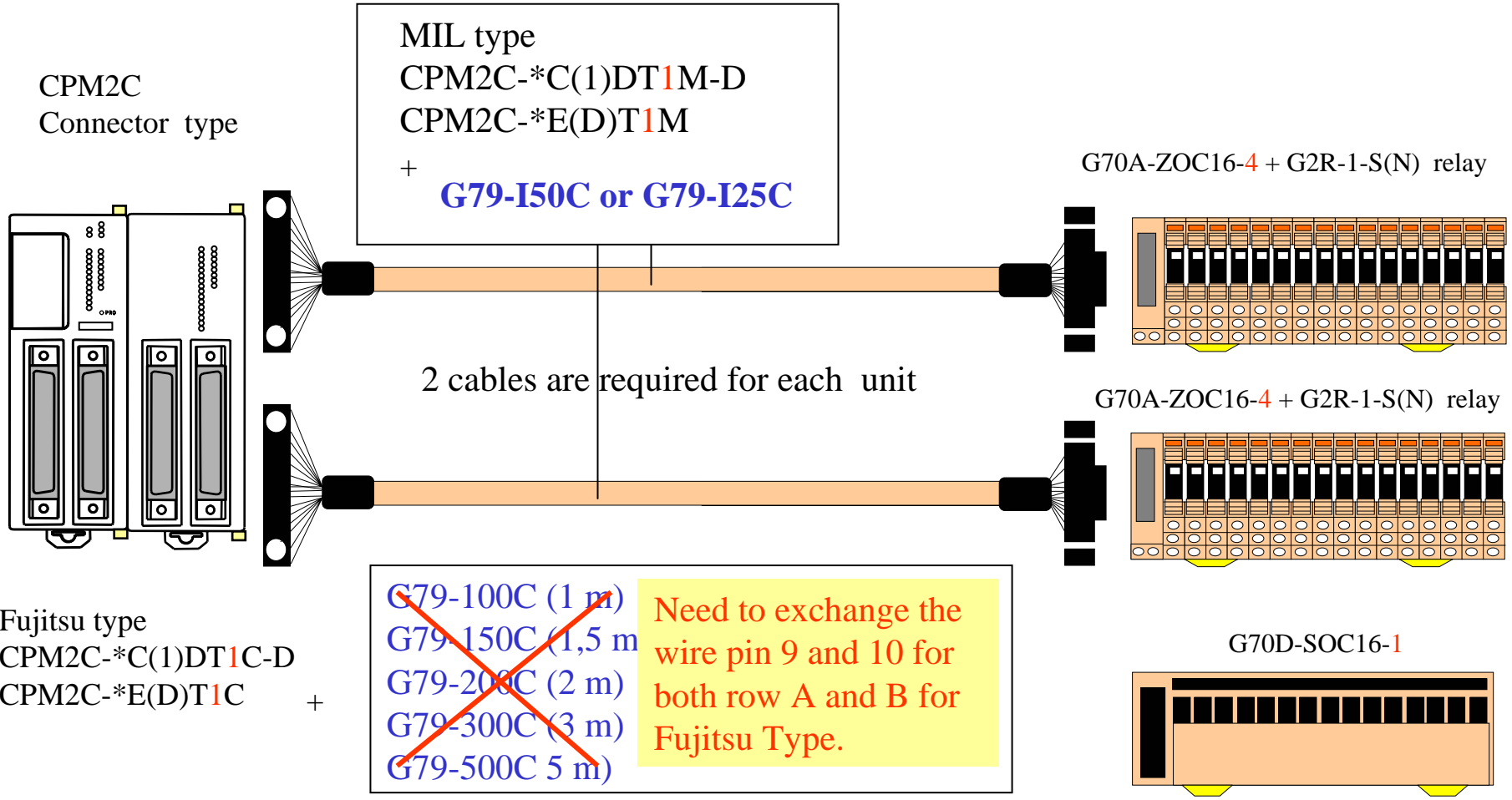


G70D-SOC16



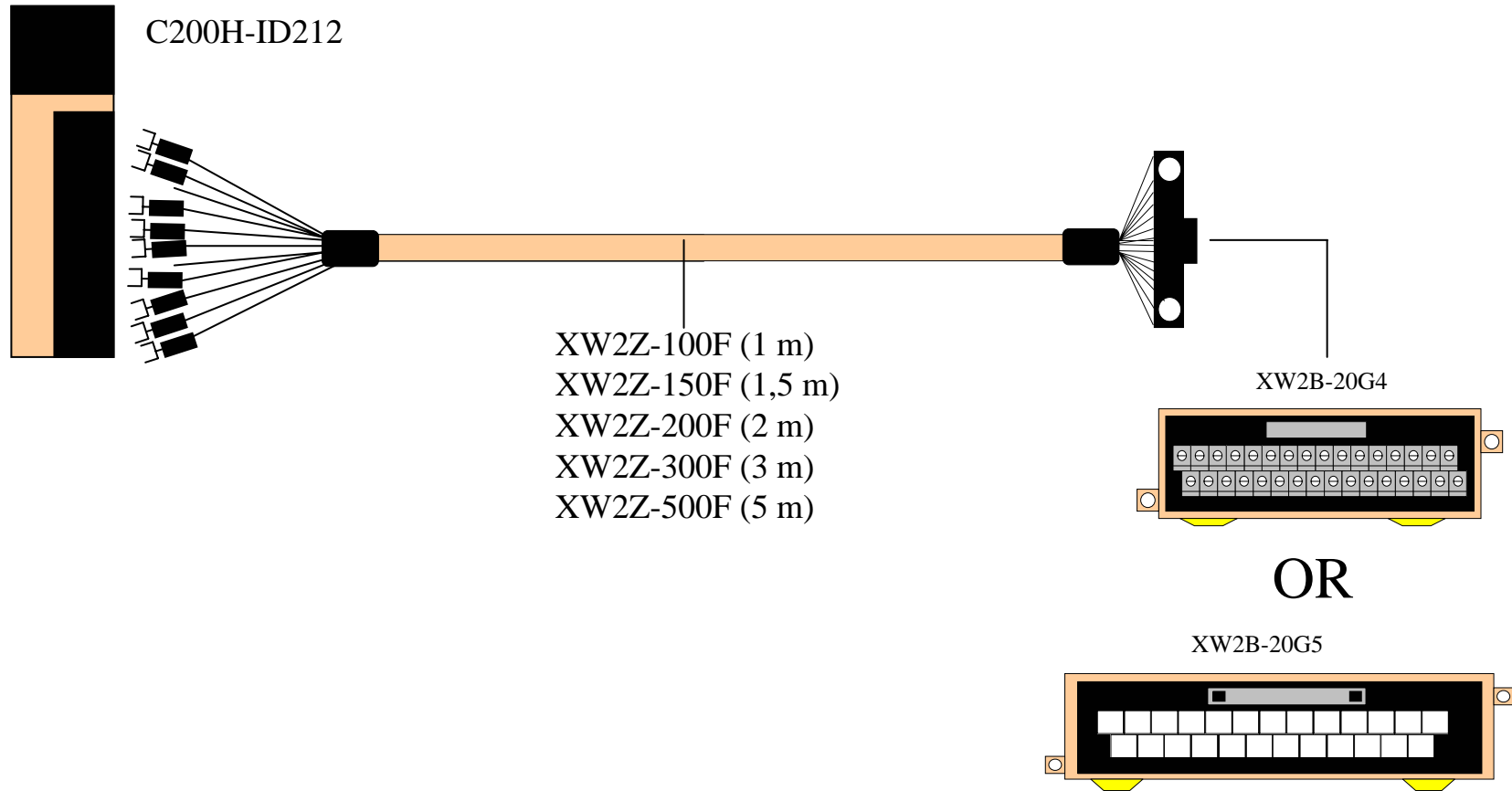
# CPM2C 16 (x2) points DC IN / PNP OUT + G70D, G70A 16 pins x 2

16 x 2 DC PNP outputs

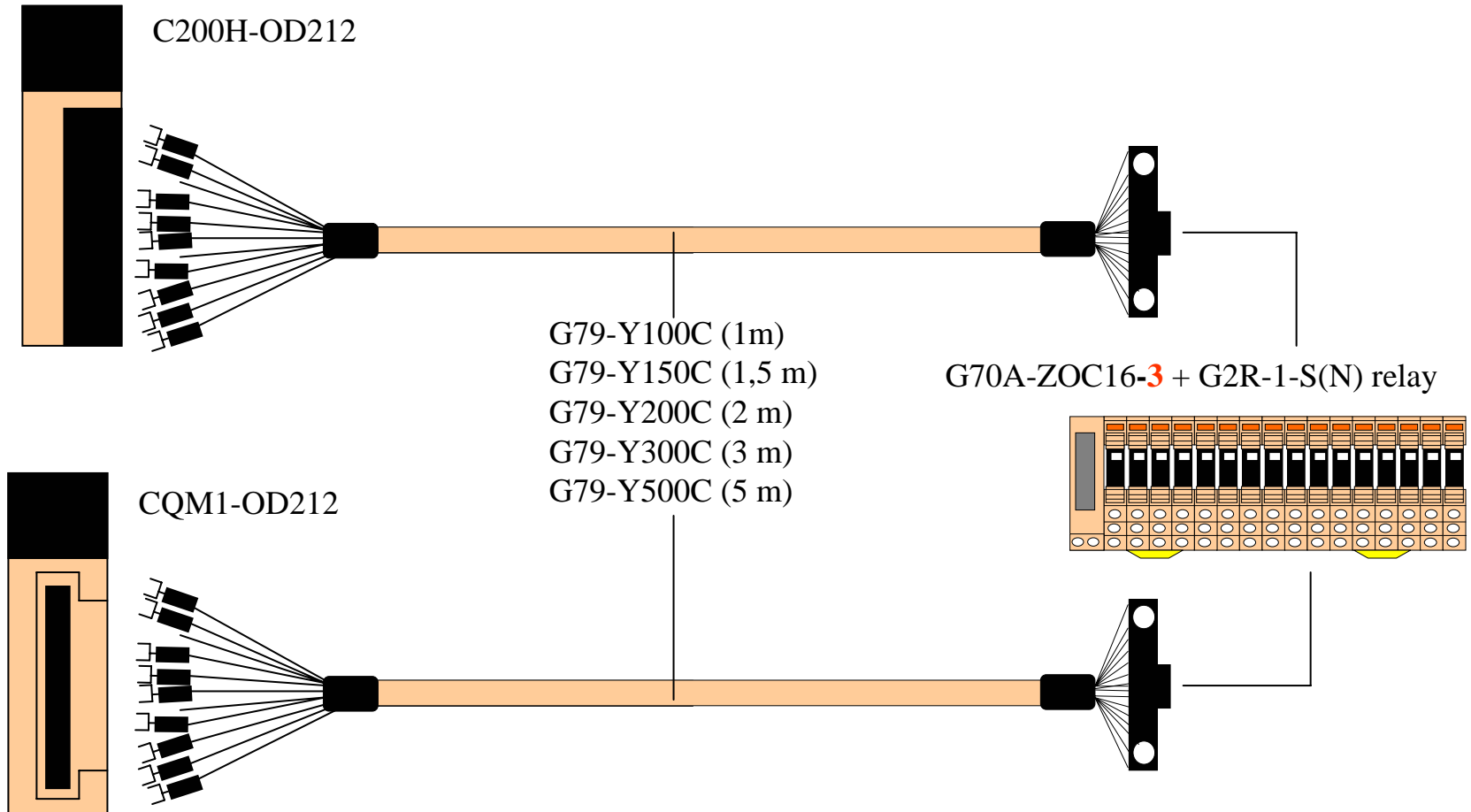




# C200H 16 points DC IN + XW2B 20 pins

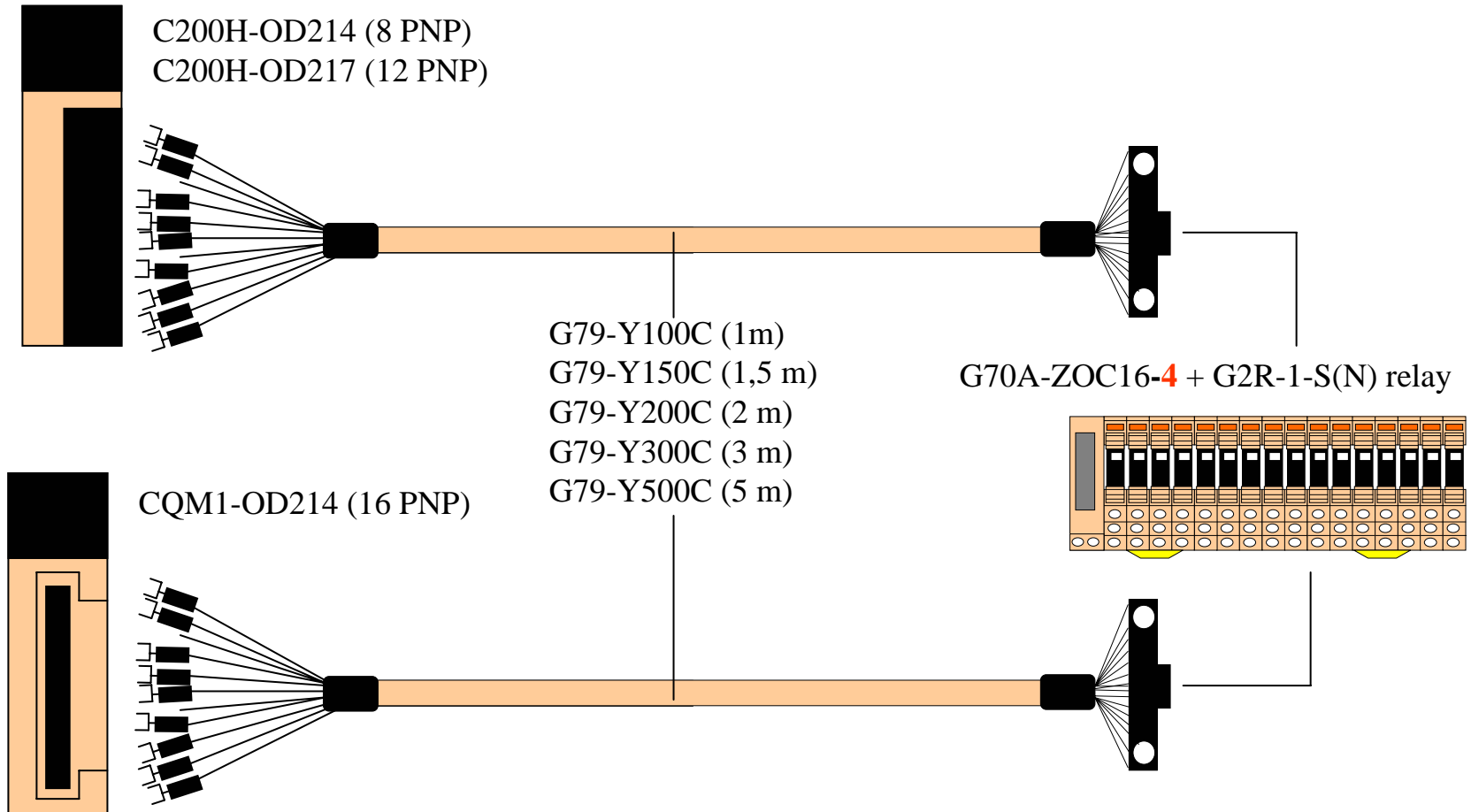


# C200H 16 points NPN DC OUT + G70A 16 pins



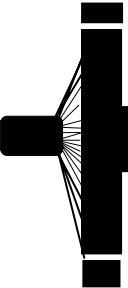
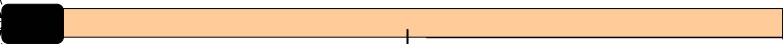
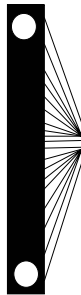
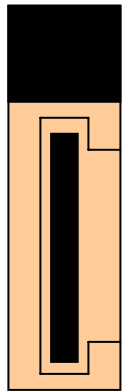
# C200H/CQM1 16 points **PNP** DC OUT + G70A 16 pins

16 points unit

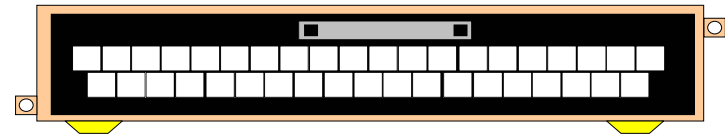


# C200H/CQM1 16 points DC + G70A 16 pins

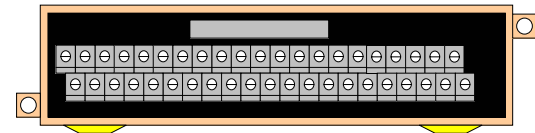
CQM1



XW2B-40G5



XW2B-40G4



- CQM1-ID213 (32 x NPN IN)
- CQM1-ID214 (32 x NPN IN)
- CQM1-OD213 (32 x NPN output)
- CQM1-OD216 (32 x PNP output)

- XW2Z-50B ( 0,5 m)
- XW2Z-100B (1m)
- XW2Z-150B (1,5 m)
- XW2Z-200B (2 m)
- XW2Z-300B (3 m)
- XW2Z-500B (5 m)

# CQM1 16 points DC IN + XW2C 20 pins

CQM1

1 - 1,5 - 2 - 3 - 5 m

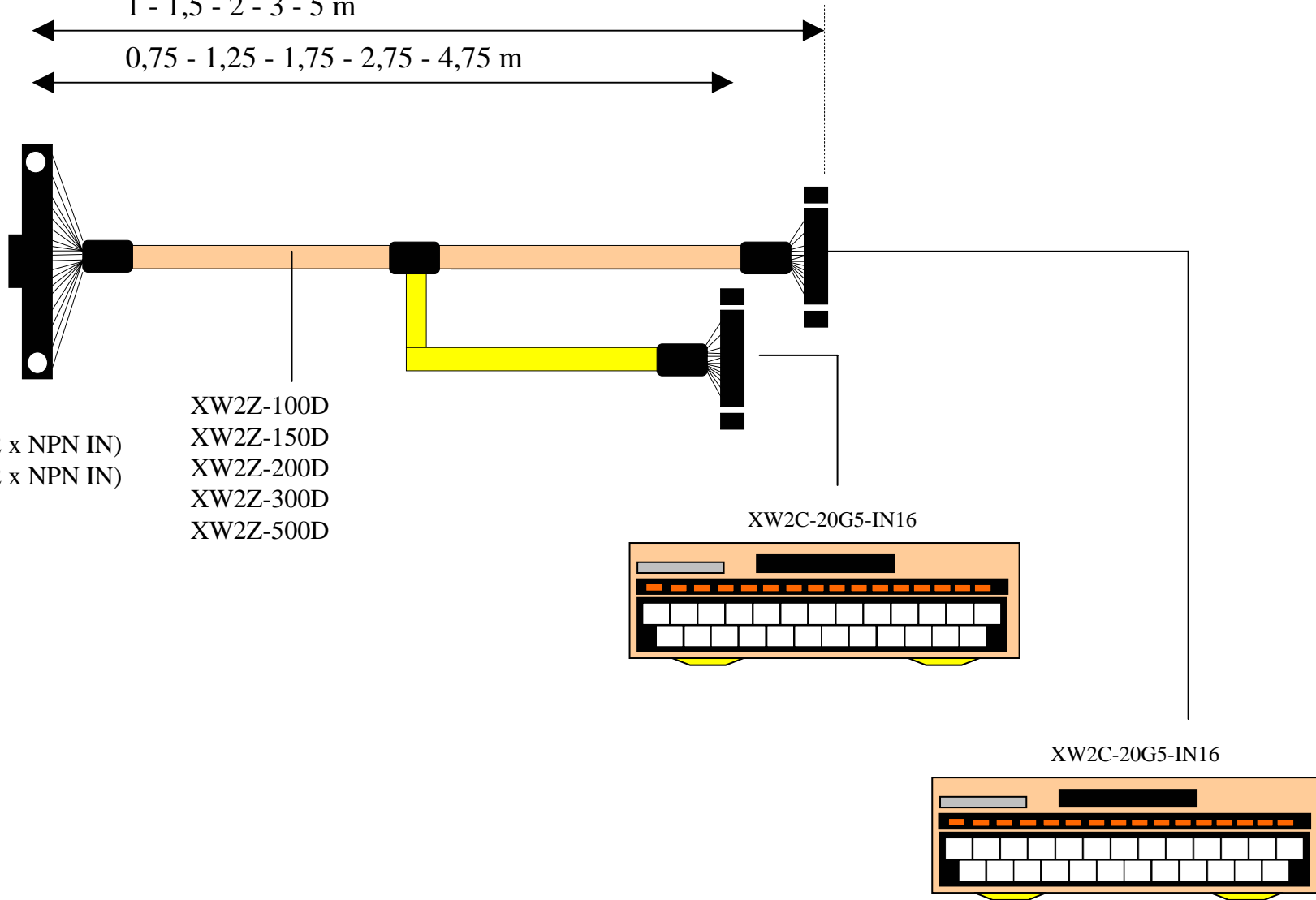
0,75 - 1,25 - 1,75 - 2,75 - 4,75 m

CQM1-ID213 (32 x NPN IN)  
CQM1-ID214 (32 x NPN IN)

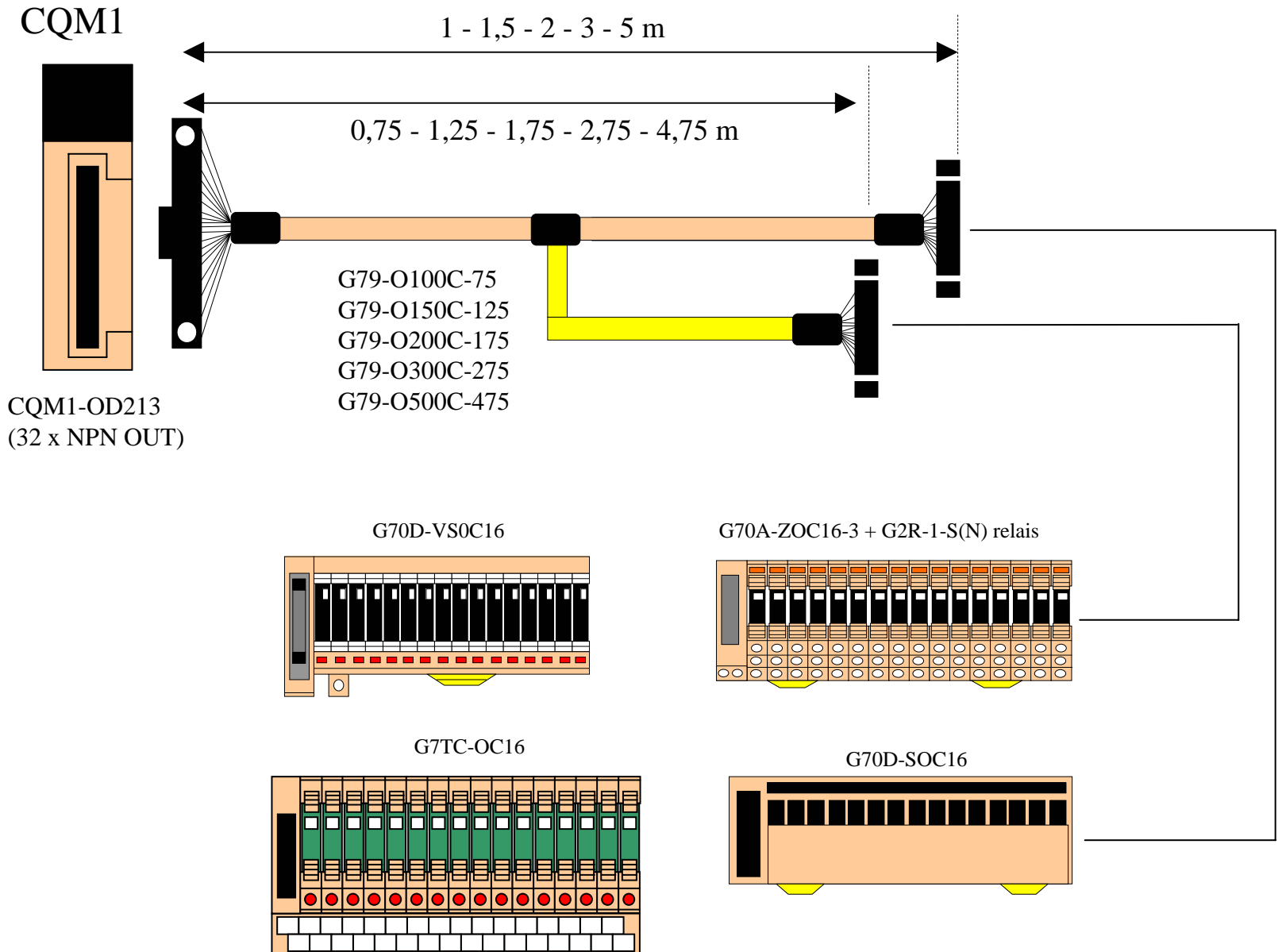
XW2Z-100D  
XW2Z-150D  
XW2Z-200D  
XW2Z-300D  
XW2Z-500D

XW2C-20G5-IN16

XW2C-20G5-IN16



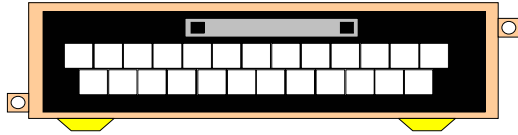
# CQM1 16 points DC NPN OUT + G70A, G7TC 20 pins



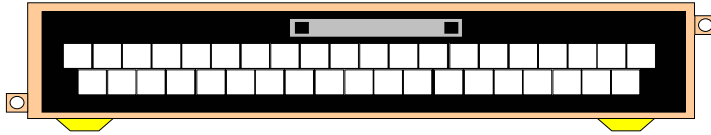
**END**

# Material

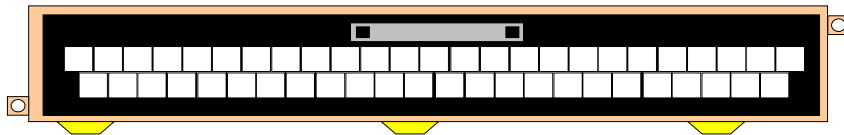
XW2B-20G5



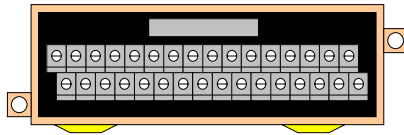
XW2B-40G5



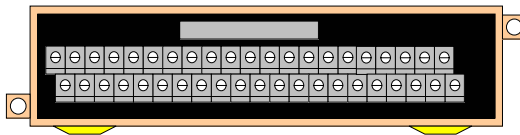
XW2B-60G5



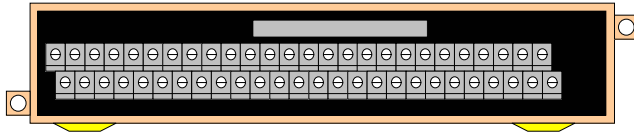
XW2B-20G4



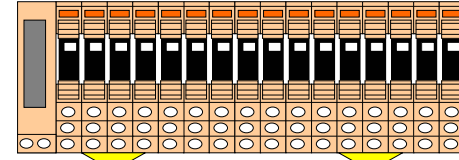
XW2B-40G4



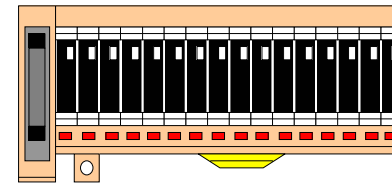
XW2B-60G4



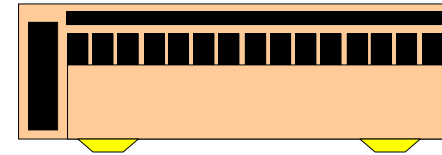
G70A-ZOC16-3 + G2R-1-S(N) relais



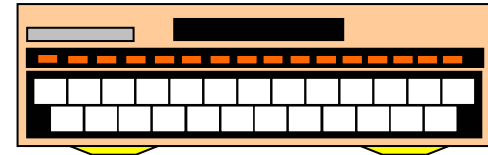
G70D-VS0C16



G70D-SOC16



XW2C-20G5-IN16



G7TC-OC16

