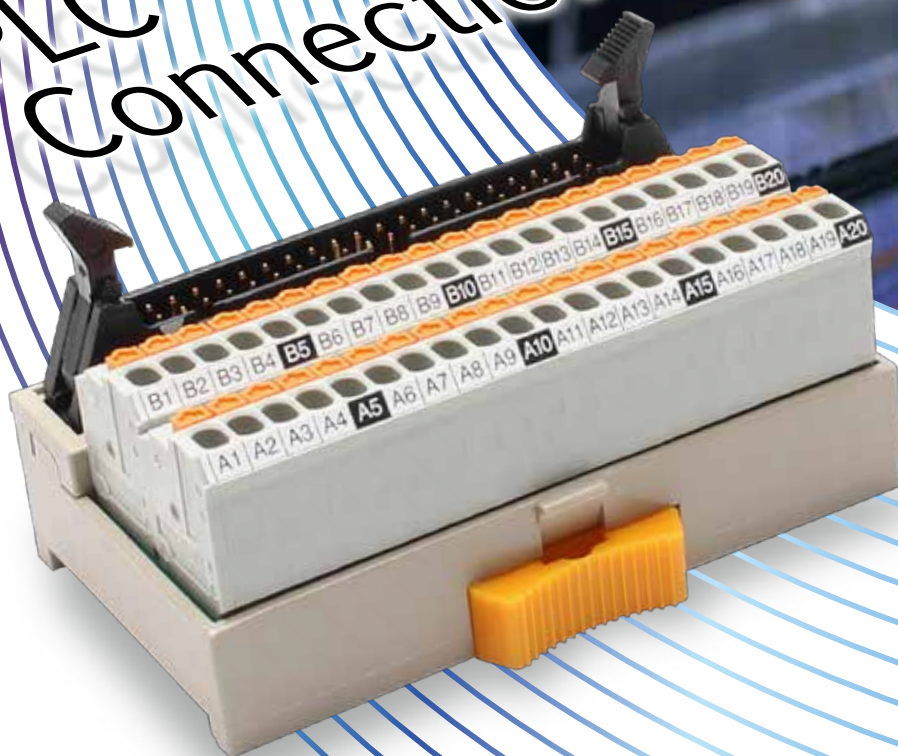


INTERFACE TERMINALS

1:1 connection type

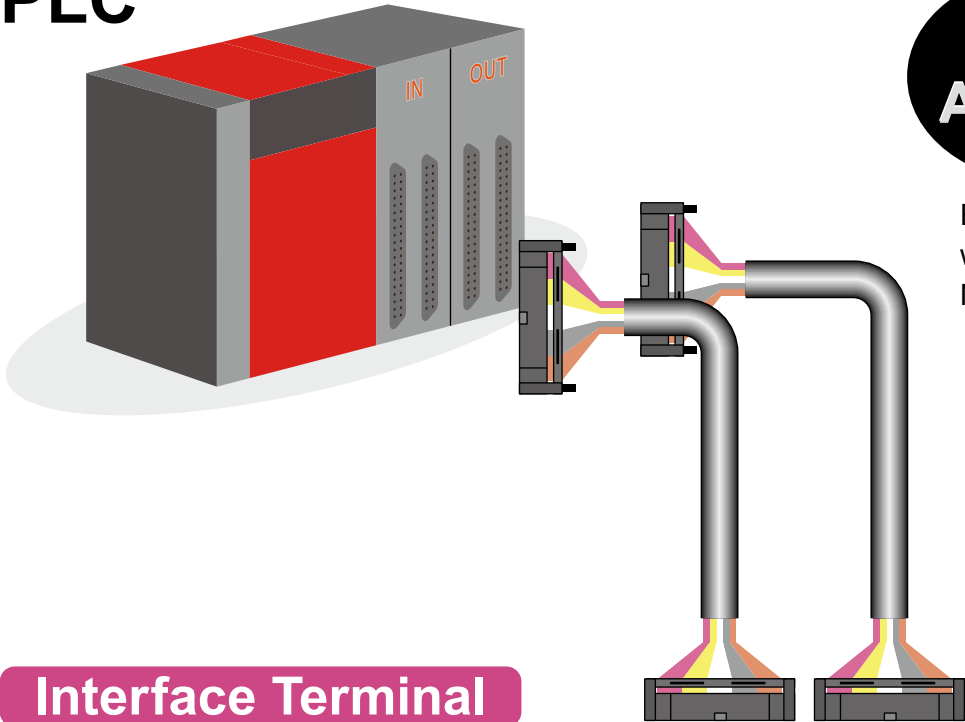
Simplify
PLC
Connection



TOGI TOYOGIKEN CO.,LTD.

What is Interface Terminals?

PLC



ONE ACTION

Easy connection by I/O cable with harness.
No need to wire one by one.

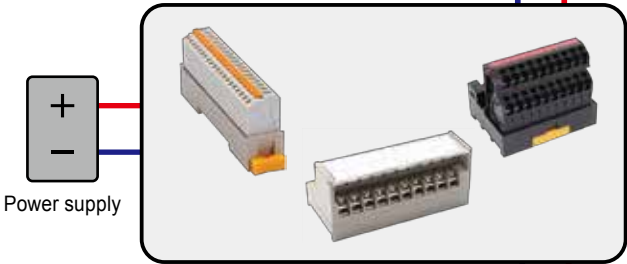
I/O cable



Interface Terminal



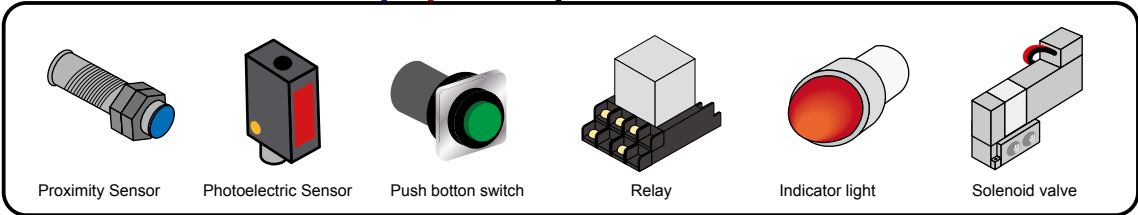
COMMON Terminal



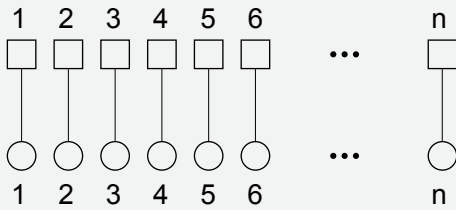
Organize appearance

Available with common terminal modules of the same size as interface terminals to organize the inside of the board.

I/O Device



1:1 Connection Interface Terminal



Multi-purpose interface terminal blocks designed for one-to-one connection of connectors and terminals.

1:1 interface can be wired as you like with various manufacturers' PLCs.

Compare with general screw type terminal blocks

40poles

Terminal blocks

302mm

Screw type

166mm

Spring-lock type

75mm

Spring-lock type
&
Vertical type

43mm

SPACE SAVING

These make room for your board.

Using vertical type saves about **85%** of space.

Extensive lineup of mounted connectors

MIL

FCN

MR

D-sub

Centronics

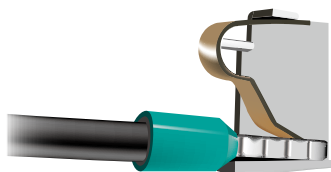
MDR

Six types of connectors and nine patterns of poles are stocked as standard.

Support for a variety of PLCs, CNCs, Drive products, HMIs and measuring machines.

Product Lineup

Spring-lock type terminals



- ✓ Simple wiring
- ✓ Vibration resistance
- ✓ Space-saving
- ✓ Reduce maintenance work

	PCX Series	PCXV Series	PCV5 Series	PCW Series
				
Terminal Pitch	3.5mm		5mm	
Applicable wire	0.08–1.5mm ² / AWG28–16		0.08–1.25mm ² / AWG26–16	0.08–2.5mm ² / AWG28–14
Stranded	ϕ 0.3– ϕ 1.3mm		ϕ 0.5– ϕ 1.6mm	ϕ 0.3– ϕ 1.6mm
Solid	0.14–0.75mm ² / AWG26–18		0.25–1mm ² / AWG26–18	0.14–2.5mm ² / AWG26–18
Ferrule				(TWIN Ferrule) 2x0.5mm ² / 2xAWG20
Direct mount	—		•	•
Stopper	No needed		HDV-1, SDV-1	HDV-1, SDV-1

2.5mm²
available

Screw type terminals

	PCN Series	PCN7 Series	PCA7 Series
			
Terminal Pitch	7.62mm	7mm	
Screw	M3 : Sems screw		M3 : Up-screw
Applicable wire	1.25mm ² / MAX		
Crimp terminal	Spade(Y)		Spade(Y) / Circular(R)
Direct mount	•		•
Stopper	HDV-1, SDV-1		No needed

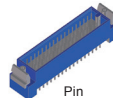
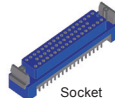
Product Selection Guide

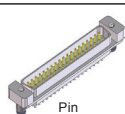
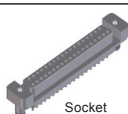
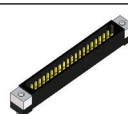
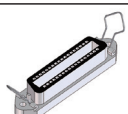
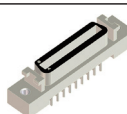
Series	Connector Type	No. of poles	20	24	25	26	34	36	37	40	50	Pages
PCX 	MIL	1H·1T·1J	●			●	●			●	●	P. 6
	MR		●				●				●	P. 7
	D-sub				●				●			P. 8
	FCN									●		P. 9
	Centronics			●				●			●	P.10
	MDR		●			●		●		●	●	P.11
PCXV  Vertical type	MIL	1H·1T	●							●		P.12
	FCN									●		P.13
PCW 	MIL	1H·1T	●				●			●	●	P.14
	FCN									●		P.15
PCV5 	MIL	1H·1T·1J	●				●			●	●	P.16
	MR		●				●				●	P.17
	FCN									●		P.18
	Centronics										●	P.19
	MDR										●	P.20
PCN7 	MIL	1H·1T·1J	●			●	●			●	●	P.21
	MR		●				●				●	P.22
	D-sub				●				●			P.23
	FCN									●		P.24
	Centronics			●				●			●	P.25
PCN 	MIL	1H·1T·1J	●			●	●			●	●	P.26
	MR		●				●				●	P.27
	D-sub				●							P.28
	FCN									●		P.29
	Centronics			●							●	P.30
PCA7 	MDR		●			●	●			●	●	P.31
	MIL	1H·1T	●			●	●			●	●	P.32
	MR		●				●				●	P.33
	D-sub				●				●			P.34
	FCN									●		P.35
	Centronics			●				●			●	P.36
	MDR		●			●		●		●	●	P.37

COMMON terminals

PCX  P.40
PCXV  Vertical type P.40, P.41
PCW  P.41
PCV5  P.41
PCN7  P.42
PCN  P.42
PCA7  P.42

Mounted Connector Information & Printed Circuit Board Ratings

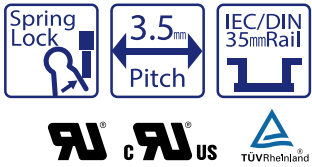
Connector Type	MIL						MR		
Appearance							 Pin  Socket		
Connector type name	1H		1T		1J		2M		
Connector Manufacturer	HIROSE ELECTRIC		OMRON		Japan Aviation Electronics Industry		HONDA TSUSHIN KOGYO		
Rating	125V / 1A								
Connector poles and Part No.	20	HIF3BA-20PA-2.54DSA(63)		20	PS-20PE-D4T1-LP1		20	Pin	MR-20RMD2+
	26	HIF3BA-26PA-2.54DSA(63)		26	PS-26PE-D4T1-LP1		26	Socket	MR-20RFD2+
	34	HIF3BA-34PA-2.54DSA(63)		34	PS-34PE-D4T1-LP1		34	Pin	MR-34RMD2+
	40	HIF3BA-40PA-2.54DSA(63)		40	PS-40PE-D4T1-LP1		40	Socket	MR-34RFD2+
	50	HIF3BA-50PA-2.54DSA(63)		50	PS-50PE-D4T1-LP1		50	Pin	MR-50RMD2+
	50(1)	HIF3BB-50PA-2.54DSA(63)					50	Socket	MR-50RFD2+

Connector Type	D-sub			FCN		Centronics		MDR	
Appearance	 Pin  Socket								
Connector type name	3H			4F		9D		10S	
Connector Manufacturer	HIROSE ELECTRIC			TE Connectivity		DDK		3M	
Rating	125V / 1A							50V* / 0.5A	
Connector poles and Part No.	25	Pin	SDBB-25P(55)	40	1747053-01	24	57GE-40240-751-FA	20	10220-6202PL
	25	Socket	SDBB-25S(55)			36	57GE-40360-751-FA	26	10226-6202PL
	37	Pin	SDCB-37P(55)			50	57GE-40500-751-FA	36	10236-6202PL
	37	Socket	SDCB-37S(55)					40	10240-6202PL
								50	10250-6202PL

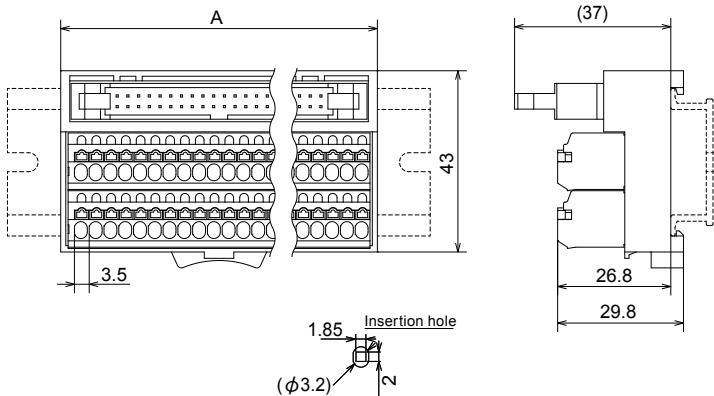
*PCA7: 125V (UL:50V)

Connector: **MIL**

125V / 1A / 0.08–1.5mm²



Dimension



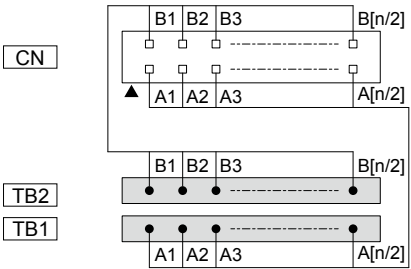
Model name	Poles	Width A(mm)	Weight (g)
PCX-1H20	20	49.5	50
PCX-1T20			
PCX-1J20			
PCX-1H26	26	57	60
PCX-1T26			
PCX-1J26			
PCX-1H34	34	67.5	73
PCX-1T34			
PCX-1J34			
PCX-1H40	40	75	83
PCX-1T40			
PCX-1J40			
PCX-1H50	50	92.5	100
PCX-1T50			
PCX-1J50			
PCX-1H50(1)			

*Same for "M" type

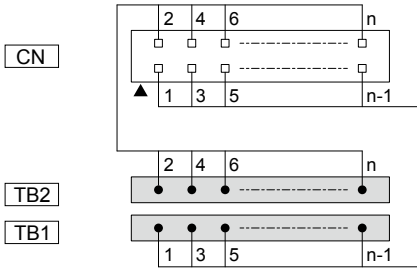
Connection diagram

• PCX-1□□

20 poles: n = 20
26 poles: n = 26
34 poles: n = 34
40 poles: n = 40
50 poles: n = 50



• PCX-1□□-M

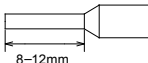


Applicable ferrule and wire

• Ferrule

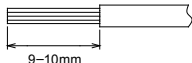
*DIN46228-4

0.14–0.75mm²
AWG26–18



• Stranded

0.08–1.5mm²
AWG28–16



• Solid

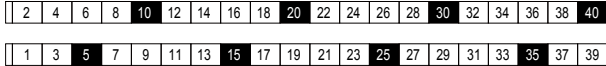
φ 0.3–φ 1.3mm



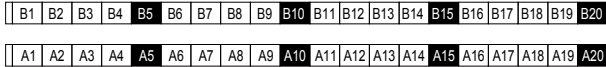
Name plate

Example of 40 poles

• PCX-1□40



• PCX-1□40-M



Specification

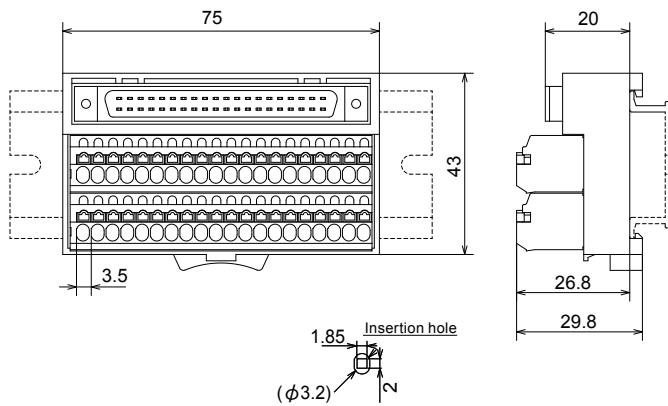
Rated voltage	AC, DC 125V	
Rated current	1A	
Insulation resistance	100MΩ or more (DC500V)	
Withstand voltage	AC500V/min	
Ambient temperature	-15°C to +60°C *No freezing and condensations	
Relative humidity	45% to 85%	
Materials	Terminal blocks	PA66 (Gray) UL94V-0
	Release button	PA66 (Orange) UL94V-0
	Case	PBT (Ivory) UL94V-0
Approval	UL • cUL	1H, 1T E113585
	TÜV	1H, 1T, 1J R2050884

*Stranded and Solid: Insulation Outer Diameter ≤ φ3.2mm

Connector: **FCN**
125V / 1A / 0.08–1.5mm²



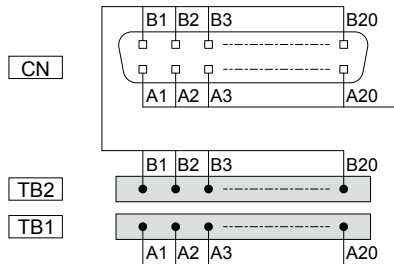
■ Dimension



Model name	Poles	Width (mm)	Weight (g)
PCX-4F40	40	75	85

■ Connection diagram

• PCX-4F40



■ Name plate

• PCX-4F40

B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	B14	B15	B16	B17	B18	B19	B20
A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	A16	A17	A18	A19	A20

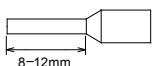
■ Specification

Rated voltage	AC, DC 125V		
Rated current	1A		
Insulation resistance	100MΩ or more (DC500V)		
Withstand voltage	AC500V/min		
Ambient temperature	-15°C to +60°C *No freezing and condensations		
Relative humidity	45% to 85%		
Materials	Terminal blocks	PA66 (Gray)	UL94V-0
	Release button	PA66 (Orange)	UL94V-0
	Case	PBT (Ivory)	UL94V-0
Approval	TÜV R2050884		

■ Applicable ferrule and wire

• Ferrule

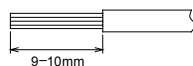
0.14–0.75mm²
AWG26–18



*DIN46228-4

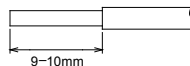
• Stranded

0.08–1.5mm²
AWG28–16



• Solid

φ0.3–φ1.3mm



*Stranded and Solid: Insulation Outer Diameter ≤ φ3.2mm

Connector: **MR**

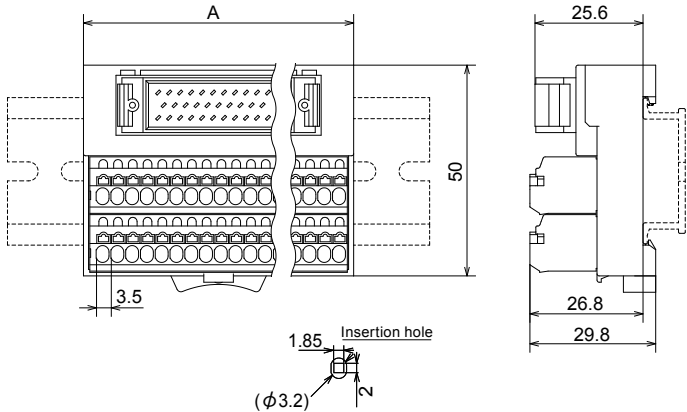
125V / 1A / 0.08–1.5mm²



PCX-2M34A
(Pin type)

PCX-2M34B
(Socket type)

Dimension

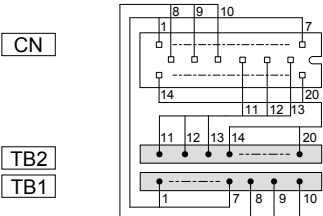


Model name	Poles	Width A(mm)	Weight (g)
PCX-2M20A	20	40	51
PCX-2M20B			53
PCX-2M34A	34	64	78
PCX-2M34B			80
PCX-2M50A	50	92.5	110
PCX-2M50B			115

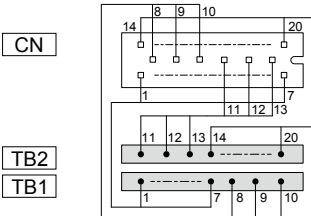
A: Pin type
B: Socket type

Connection diagram

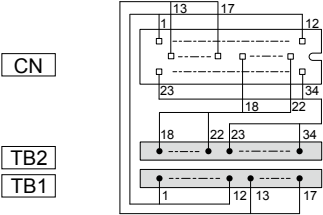
PCX-2M20A



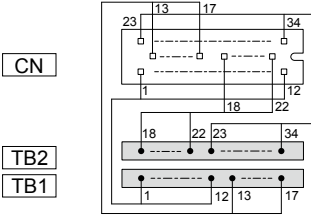
PCX-2M20B



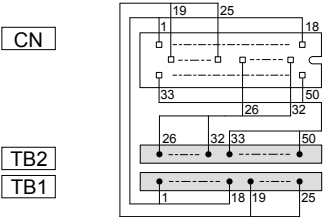
PCX-2M34A



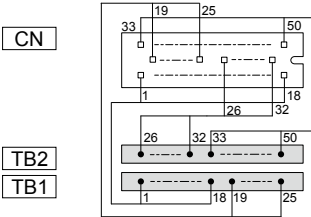
PCX-2M34B



PCX-2M50A



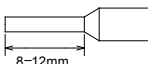
PCX-2M50B



Applicable ferrule and wire

Ferrule

0.14–0.75mm²
AWG26–18



*DIN46228-4

Stranded

0.08–1.5mm²
AWG28–16



Solid

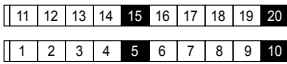
φ0.3–φ1.3mm



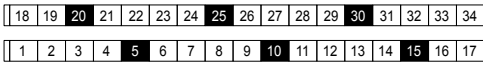
*Stranded and Solid: Insulation Outer Diameter ≤ φ3.2mm

Name plate

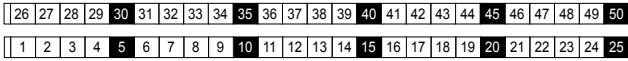
PCX-2M20□



PCX-2M34□



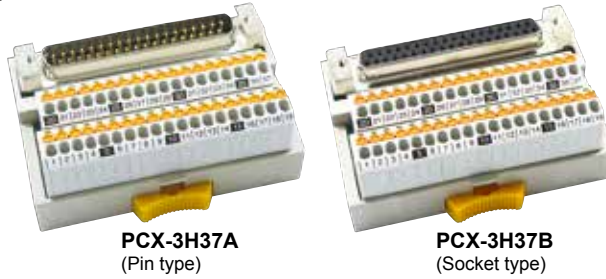
PCX-2M50□



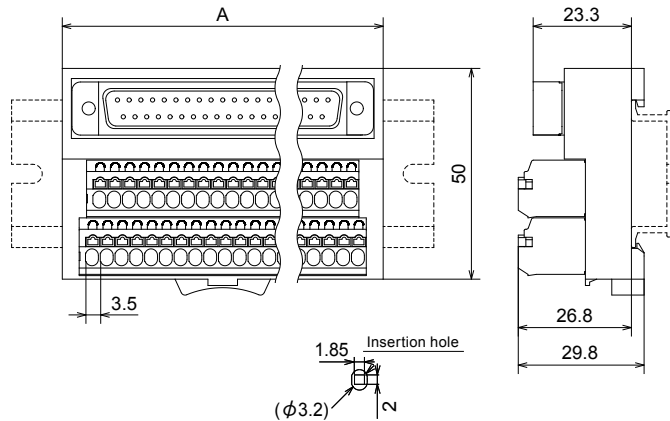
Specification

Rated voltage	AC, DC 125V	
Rated current	1A	
Insulation resistance	100MΩ or more (DC500V)	
Withstand voltage	AC500V/min	
Ambient temperature	-15℃ to +60℃ *No freezing and condensations	
Relative humidity	45% to 85%	
Materials	Terminal blocks	PA66 (Gray) UL94V-0
	Release button	PA66 (Orange) UL94V-0
	Case	PBT (Ivory) UL94V-0
Approval	TÜV R2050884	

Connector: **D-sub**
125V / 1A / 0.08–1.5mm²



Dimension

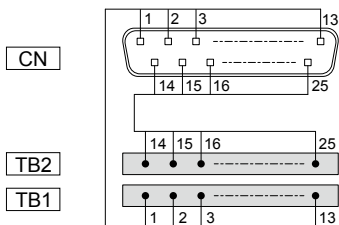


Model name	Poles	Width A(mm)	Weight (g)
PCX-3H25A	25	64	74
PCX-3H25B			75
PCX-3H37A	37	76	96
PCX-3H37B			98

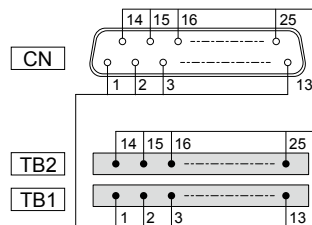
A: Pin type
B: Socket type

Connection diagram

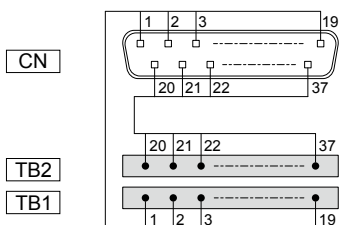
PCX-3H25A



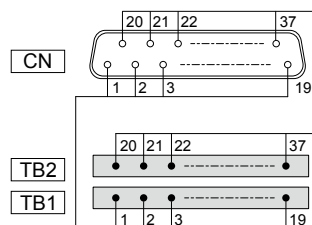
PCX-3H25B



PCX-3H37A



PCX-3H37B



Name plate

PCX-3H25□

14	15	16	17	18	19	20	21	22	23	24	25	
1	2	3	4	5	6	7	8	9	10	11	12	13

PCX-3H37□

20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19

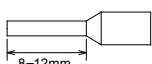
Specification

Rated voltage	AC, DC 125V		
Rated current	1A		
Insulation resistance	100MΩ or more (DC500V)		
Withstand voltage	AC500V/min		
Ambient temperature	-15°C to +60°C *No freezing and condensations		
Relative humidity	45% to 85%		
Materials	Terminal blocks	PA66 (Gray)	UL94V-0
	Release button	PA66 (Orange)	UL94V-0
	Case	PBT (Ivory)	UL94V-0
Approval	TÜV R2050884		

Applicable ferrule and wire

Ferrule

0.14–0.75mm²
AWG26–18



*DIN46228-4

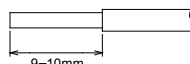
Stranded

0.08–1.5mm²
AWG28–16



Solid

φ0.3–φ1.3mm

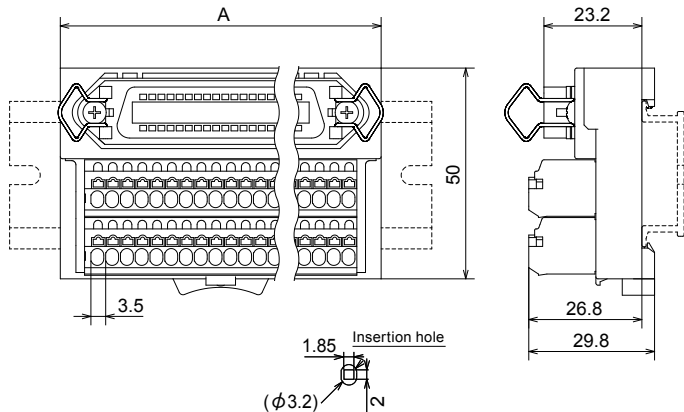


*Stranded and Solid: Insulation Outer Diameter ≤ φ3.2mm

Connector: **Centronics**
125V / 1A / 0.08–1.5mm²



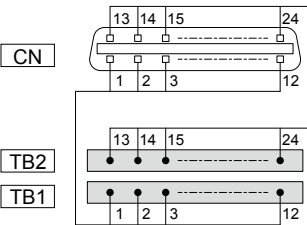
■ Dimension



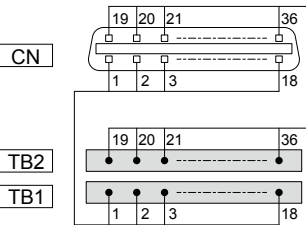
Model name	Poles	Width A(mm)	Weight (g)
PCX-9D24	24	64	71
PCX-9D36	36	76	92
PCX-9D50	50	92.5	120

■ Connection diagram

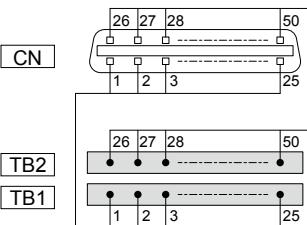
• PCX-9D24



• PCX-9D36



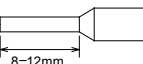
• PCX-9D50



■ Applicable ferrule and wire

• Ferrule

0.14–0.75mm²
AWG26–18



*DIN46228-4

• Stranded

0.08–1.5mm²
AWG28–16



• Solid

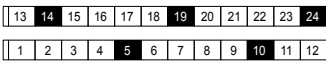
φ0.3–φ1.3mm



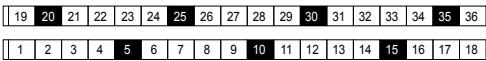
*Stranded and Solid: Insulation Outer Diameter ≤ φ3.2mm

■ Name plate

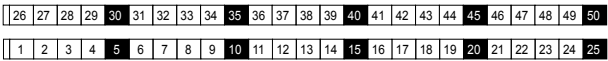
• PCX-9D24



• PCX-9D36



• PCX-9D50



■ Specification

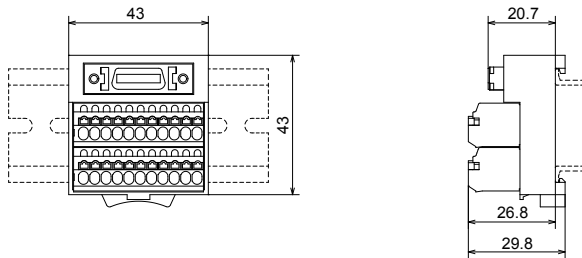
Rated voltage	AC, DC 125V	
Rated current	1A	
Insulation resistance	100MΩ or more (DC500V)	
Withstand voltage	AC500V/min	
Ambient temperature	-15℃ to +60℃ *No freezing and condensations	
Relative humidity	45% to 85%	
Materials	Terminal blocks	PA66 (Gray) UL94V-0
	Release button	PA66 (Orange) UL94V-0
	Case	PBT (Ivory) UL94V-0
Approval	TÜV R2050884	

Connector: **MDR**
125V / 1A / 0.08–1.5mm²



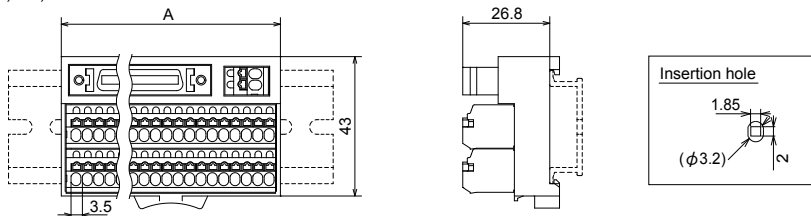
Dimension

PCX-10S20



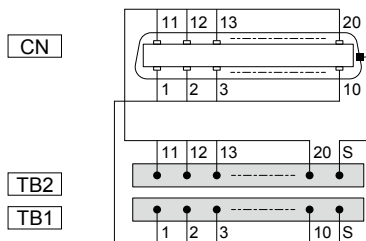
Model name	Poles	Width A(mm)	Weight (g)
PCX-10S20	20	43	51
PCX-10S26	26	57	64
PCX-10S36	36	67.5	79
PCX-10S40	40	75	86
PCX-10S50	50	92.5	104

PCX-10S26, 36, 40, 50



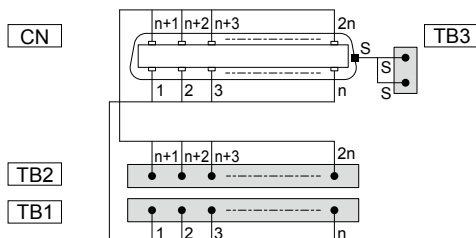
Connection diagram

PCX-10S20



PCX-10S26, 36, 40, 50

26 poles: n = 13
36 poles: n = 18
40 poles: n = 20
50 poles: n = 25



Name plate

PCX-10S20

11	12	13	14	15	16	17	18	19	20	S
1	2	3	4	5	6	7	8	9	10	S

PCX-10S26

14	15	16	17	18	19	20	21	22	23	24	25	26
1	2	3	4	5	6	7	8	9	10	11	12	13

PCX-10S36

19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18

PCX-10S40

21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

PCX-10S50

26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25

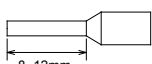
Specification

Rated voltage	AC, DC 50V	
Rated current	0.5A	
Insulation resistance	100MΩ or more (DC500V)	
Withstand voltage	AC500V/min	
Ambient temperature	-15°C to +60°C *No freezing and condensations	
Relative humidity	45% to 85%	
Materials	Terminal blocks	PA66 (Gray) UL94V-0
	Release button	PA66 (Orange) UL94V-0
	Case	PBT (Ivory) UL94V-0
Approval	UL · cUL	E113585
	TÜV	R2050884

Applicable ferrule and wire

Ferrule

0.14–0.75mm²
AWG26–18



*DIN46228-4

Stranded

0.08–1.5mm²
AWG28–16



Solid

φ0.3–φ1.3mm



*Stranded and Solid: Insulation Outer Diameter ≤ φ3.2mm

Connector: **MIL**

125V / 1A / 0.08–1.5mm²



Vertical type

Dimension

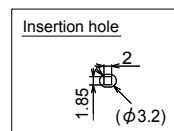
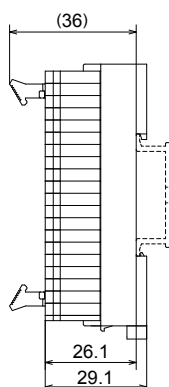
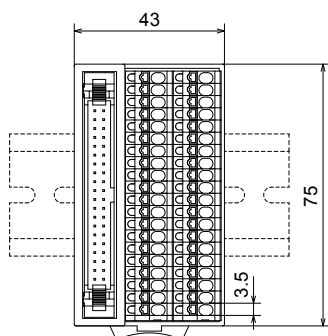
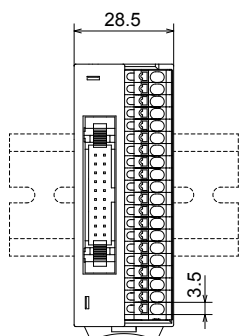


PCXV-1H20

PCXV-1H40

• 20poles

• 40poles

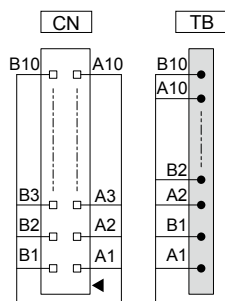


Model name	Poles	Width (mm)	Weight (g)
PCXV-1H20	20	28.5	50
PCXV-1T20			
PCXV-1H40	40	43	83
PCXV-1T40			

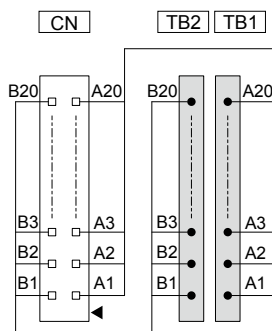
*Same for "M" type

Connection diagram

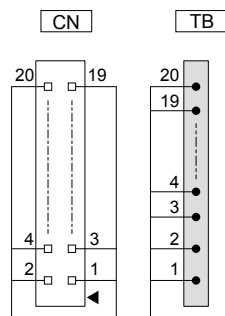
• PCXV-1□20



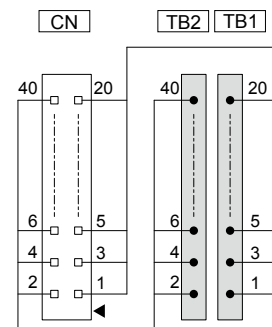
• PCXV-1□40



• PCXV-1□20-M

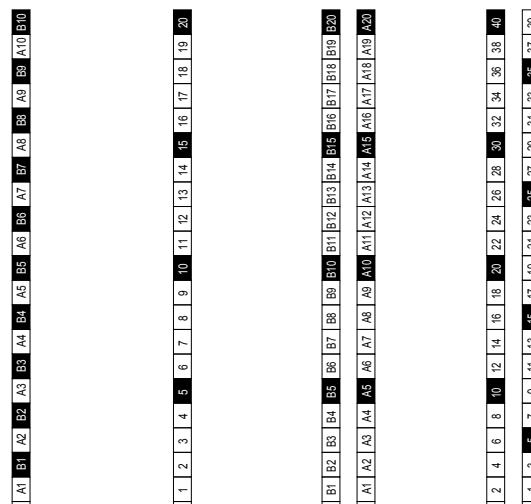


• PCXV-1□40-M



Name plate

• PCXV-1□20 • PCXV-1□20-M • PCXV-1□40 • PCXV-1□40-M



Specification

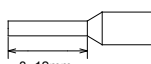
Rated voltage	AC, DC 125V	
Rated current	1A	
Insulation resistance	100MΩ or more (DC500V)	
Withstand voltage	AC500V/min	
Ambient temperature	-15°C to +60°C *No freezing and condensations	
Relative humidity	45% to 85%	
Materials	Terminal blocks	PA66 (Gray) UL94V-0
	Release button	PA66 (Orange) UL94V-0
	Case	PBT (Ivory) UL94V-0
Approval	UL·cUL	1H, 1T E113585
	TÜV	1H, 1T, 1J R2050884

Applicable ferrule and wire

• Ferrule

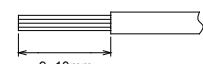
*DIN46228-4

0.14–0.75mm²
AWG26–18



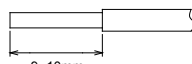
• Stranded

0.08–1.5mm²
AWG28–16



• Solid

φ0.3–φ1.3mm



*Stranded and Solid: Insulation Outer Diameter ≤ φ3.2mm

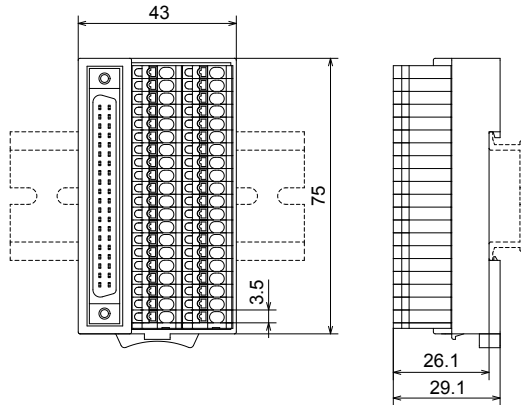
Connector: **FCN**
125V / 1A / 0.08–1.5mm²



Vertical type



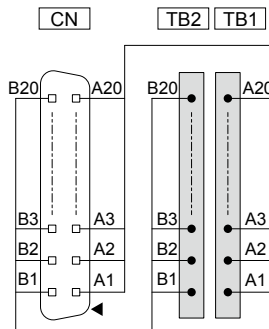
Dimension



Model name	Poles	Width (mm)	Weight (g)
PCXV-4F40	40	43	85

Connection diagram

PCXV-4F40



Name plate

PCXV-4F40

B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	B14	B15	B16	B17	B18	B19	B20
A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	A16	A17	A18	A19	A20

Specification

Rated voltage	AC, DC 125V	
Rated current	1A	
Insulation resistance	100MΩ or more (DC500V)	
Withstand voltage	AC500V/min	
Ambient temperature	-15°C to +60°C *No freezing and condensations	
Relative humidity	45% to 85%	
Materials	Terminal blocks	PA66 (Gray) UL94V-0
	Release button	PA66 (Orange) UL94V-0
	Case	PBT (Ivory) UL94V-0
Approval	TÜV R2050884	

Applicable ferrule and wire

Ferrule 0.14–0.75mm ² AWG26–18 	Stranded 0.08–1.5mm ² AWG28–16 	Solid φ0.3–φ1.3mm
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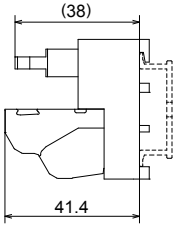
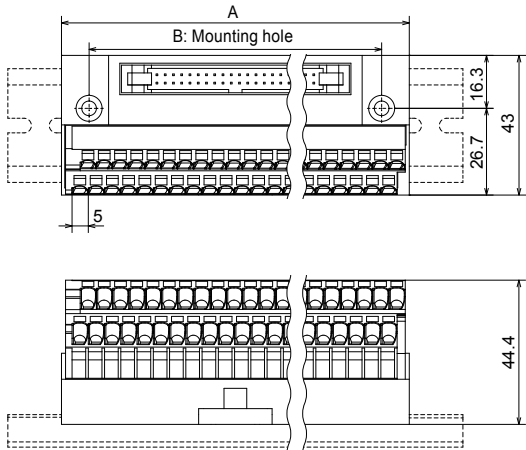
*Stranded and Solid: Insulation Outer Diameter ≤ φ3.2mm

Connector: **MIL**

125V / 1A / 0.08–2.5mm²



Dimension

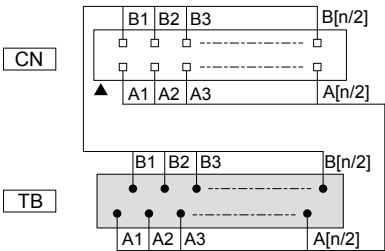


Model name	Poles	Width A (mm)	Direct mount B (mm)	Weight (g)
PCW-1H20	20	57	49	57
PCW-1T20				
PCW-1H34	34	92	76	93
PCW-1T34				
PCW-1H40	40	107	90	106
PCW-1T40				
PCW-1H50	50	132	108	129
PCW-1T50				

Connection diagram

PCW-1□□

20 poles: n = 20
34 poles: n = 34
40 poles: n = 40
50 poles: n = 50



Name plate

PCW-1□20

B1	B2	B3	B4	B5	B6	B7	B8	B9	B10
A1	A2	A3	A4	A5	A6	A7	A8	A9	A10

PCW-1□34

B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	B14	B15	B16	B17
A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	A16	A17

PCW-1□40

B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	B14	B15	B16	B17	B18	B19	B20
A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	A16	A17	A18	A19	A20

PCW-1□50

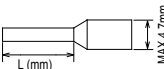
B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	B14	B15	B16	B17	B18	B19	B20	B21	B22	B23	B24	B25
A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	A16	A17	A18	A19	A20	A21	A22	A23	A24	A25

Specification

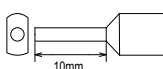
Rated voltage	AC, DC 125V		
Rated current	1A		
Insulation resistance	100MΩ or more (DC500V)		
Withstand voltage	AC500V/min		
Ambient temperature	-15℃ to +60℃ *No freezing and condensations		
Relative humidity	45% to 85%		
Materials	Terminal blocks	PA66 (Black)	UL94V-0
	Case	PPE (Black)	UL94V-0

Applicable ferrule and wire

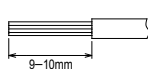
• Ferrule *DIN46228-4
0.14–0.34mm/AWG26–22 L=12
0.5–2.5mm/AWG20–14 L=10
(GB type: 0.5–1.5mm)



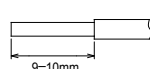
• Ferrule(TWIN)
0.5 mm



• Stranded
0.08–2.5 mm²
AWG28–14



• Solid
φ0.3–φ1.6mm

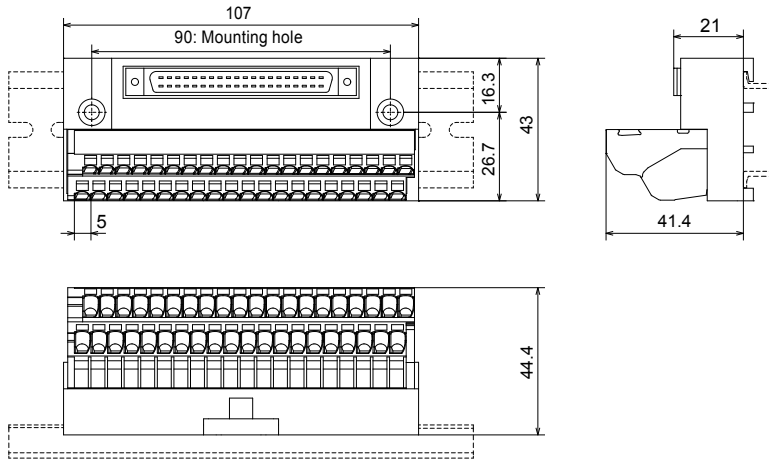


*Stranded and Solid: Insulation Outer Diameter ≤ φ4.7mm

Connector: **FCN**
125V / 1A / 0.08–2.5mm²



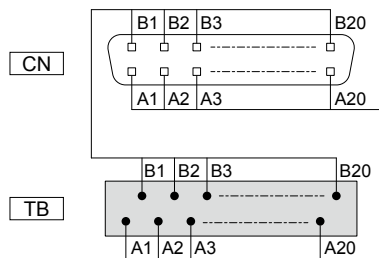
Dimension



Model name	Poles	Width (mm)	Direct mount (mm)	Weight (g)
PCW-4F40	40	107	90	107

Connection diagram

• PCW-4F40



Name plate

• PCW-4F40

B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	B14	B15	B16	B17	B18	B19	B20
A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	A16	A17	A18	A19	A20

Specification

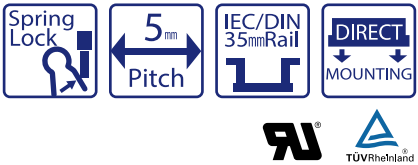
Rated voltage	AC, DC 125V		
Rated current	1A		
Insulation resistance	100MΩ or more (DC500V)		
Withstand voltage	AC500V/min		
Ambient temperature	-15°C to +60°C *No freezing and condensations		
Relative humidity	45% to 85%		
Materials	Terminal blocks	PA66 (Black)	UL94V-0
	Case	PPE (Black)	UL94V-0

Applicable ferrule and wire

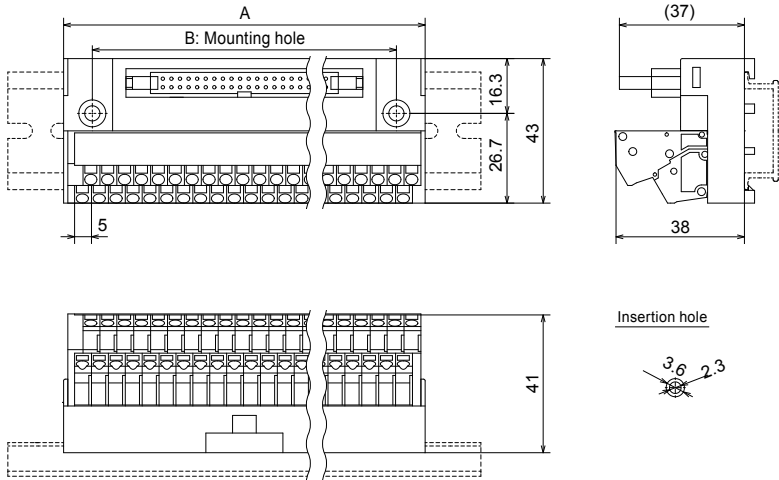
• Ferrule *DIN46228-4 0.14–0.34mm/AWG26–22 L=12 0.5–2.5mm/AWG20–14 L=10 (GB type: 0.5–1.5mm) 	• Ferrule(TWIN) 0.5mm 	• Stranded 0.08–2.5mm ² AWG28–14 	• Solid φ0.3–φ1.6mm
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*Stranded and Solid: Insulation Outer Diameter ≤ φ4.7mm

Connector: **MIL**
125V / 1A / 0.08–1.25mm²



Dimension

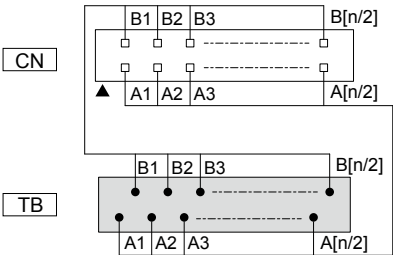


Model name	Poles	Width A(mm)	Direct mount B(mm)	Weight (g)
PCV5-1H202	20	57	49	56
PCV5-1T202				
PCV5-1J202				
PCV5-1H342	34	92	76	92
PCV5-1T342				
PCV5-1J342				
PCV5-1H402	40	107	90	105
PCV5-1T402				
PCV5-1J402				
PCV5-1H502	50	132	108	128
PCV5-1T502				
PCV5-1J502				

Connection diagram

• PCW-1□□

20 poles: n = 20
34 poles: n = 34
40 poles: n = 40
50 poles: n = 50



Name plate

• PCV5-1□202

B1	B2	B3	B4	B5	B6	B7	B8	B9	B10
A1	A2	A3	A4	A5	A6	A7	A8	A9	A10

• PCV5-1□342

B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	B14	B15	B16	B17
A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	A16	A17

• PCV5-1□402

B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	B14	B15	B16	B17	B18	B19	B20
A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	A16	A17	A18	A19	A20

• PCV5-1□502

B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	B14	B15	B16	B17	B18	B19	B20	B21	B22	B23	B24	B25
A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	A16	A17	A18	A19	A20	A21	A22	A23	A24	A25

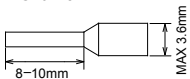
Specification

Rated voltage	AC, DC 125V		
Rated current	1A		
Insulation resistance	100MΩ or more (DC500V)		
Withstand voltage	AC600V/min		
Ambient temperature	-15℃ to +60℃ *No freezing and condensations		
Relative humidity	45% to 85%		
Materials	Terminal blocks	PA66 (Gray)	UL94V-0
	Case	PPE (Gray)	UL94V-0
Approval	UL	1H, 1T	E113585
	TÜV	1H, 1T, 1J	R2050884

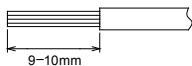
Applicable ferrule and wire

• Ferrule
0.25–1mm²
AWG26–18

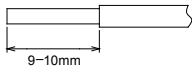
*DIN46228-4



• Stranded
0.08–1.25mm²
AWG28–16



• Solid
φ0.5–φ1.6mm

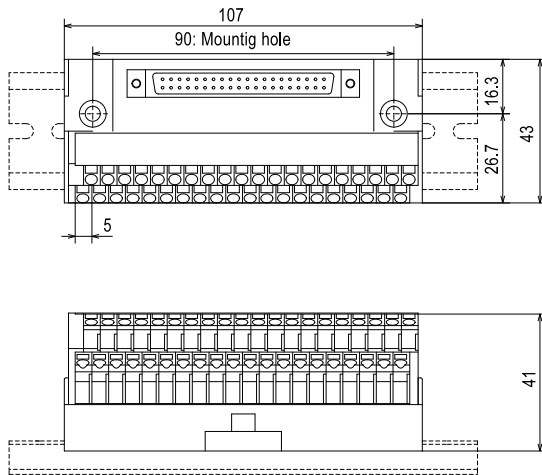


*Stranded and Solid: Insulation Outer Diameter ≤ φ3.6mm

Connector: **FCN**
125V / 1A / 0.08–1.25mm²



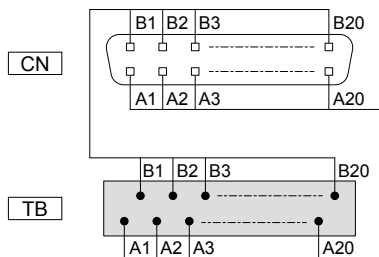
Dimension



Model name	Poles	Width (mm)	Direct mount (mm)	Weight (g)
PCV5-4F402	40	107	90	106

Connection diagram

• PCV5-4F402



Name plate

• PCV5-4F402

B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	B14	B15	B16	B17	B18	B19	B20
A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	A16	A17	A18	A19	A20

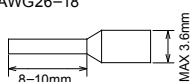
Specification

Rated voltage	AC, DC 125V		
Rated current	1A		
Insulation resistance	100MΩ or more (DC500V)		
Withstand voltage	AC600V/min		
Ambient temperature	-15°C to +60°C *No freezing and condensations		
Relative humidity	45% to 85%		
Materials	Terminal blocks	PA66 (Gray)	UL94V-0
	Case	PPE (Gray)	UL94V-0
Approval	TÜV R2050884		

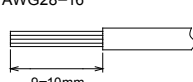
Applicable ferrule and wire

• Ferrule
0.25–1mm²
AWG26–18

*DIN46228-4



• Stranded
0.08–1.25mm²
AWG28–16



• Solid
φ0.5–φ1.6mm



*Stranded and Solid: Insulation Outer Diameter ≤ φ3.6mm

Connector: **MR**

125V / 1A / 0.08–1.25mm²

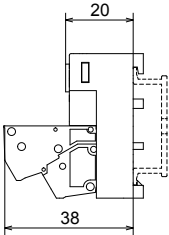
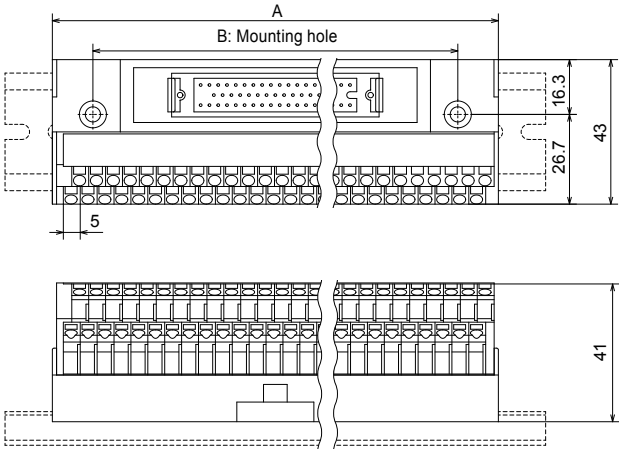


Pin type



Socket type

Dimension



Insertion hole

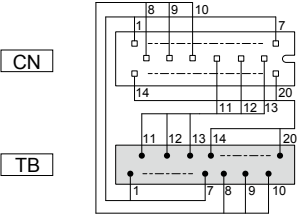


Model name	Poles	Width A (mm)	Direct mount B (mm)	Weight (g)
PCV5-2M202A	20	57	49	60
PCV5-2M202B				62
PCV5-2M342A	34	92	76	95
PCV5-2M342B				98
PCV5-2M502A	50	132	108	130
PCV5-2M502B				133

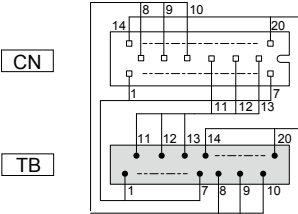
A: Pin type
B: Socket type

Connection diagram

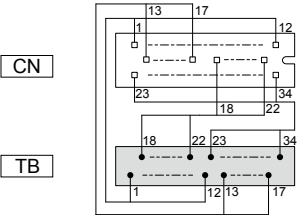
PCV5-2M202A



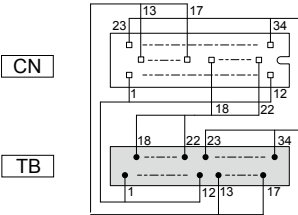
PCV5-2M202B



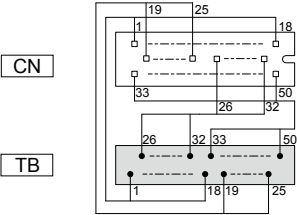
PCV5-2M342A



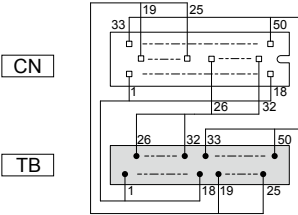
PCV5-2M342B



PCV5-2M502A



PCV5-2M502B

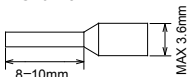


Applicable ferrule and wire

Ferrule

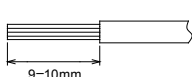
0.25–1mm²
AWG26–18

*DIN46228-4



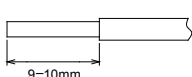
Stranded

0.08–1.25mm²
AWG28–16



Solid

φ0.5–φ1.6mm



*Stranded and Solid: Insulation Outer Diameter ≤ φ3.6mm

Name plate

PCV5-2M202□

11	12	13	14	15	16	17	18	19	20
1	2	3	4	5	6	7	8	9	10

PCV5-2M342□

18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17

PCV5-2M502□

26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25

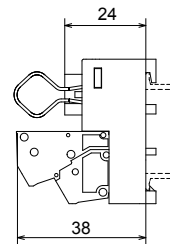
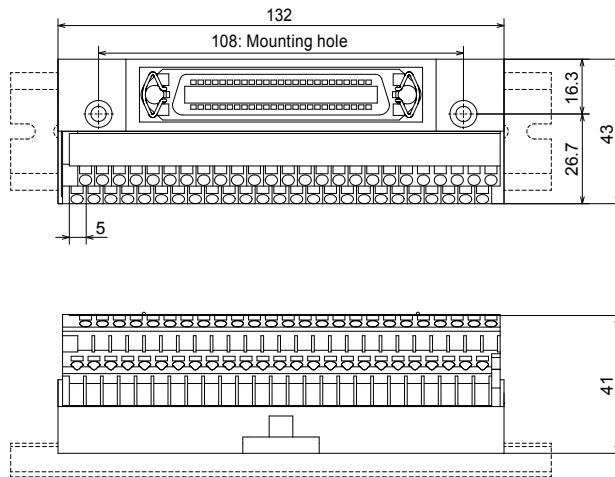
Specification

Rated voltage	AC, DC 125V		
Rated current	1A		
Insulation resistance	100MΩ or more (DC500V)		
Withstand voltage	AC600V/min		
Ambient temperature	-15℃ to +60℃ *No freezing and condensations		
Relative humidity	45% to 85%		
Materials	Terminal blocks	PA66 (Gray)	UL94V-0
	Case	PPE (Gray)	UL94V-0
Approval	TÜV R2050884		

Connector: **Centronics**
125V / 1A / 0.08–1.25mm²



Dimension



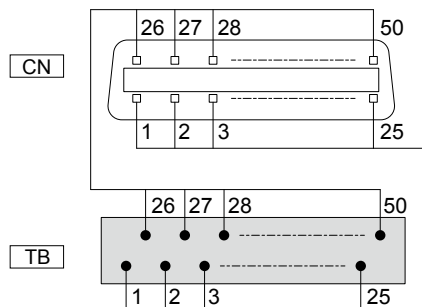
Insertion hole



Model name	Poles	Width (mm)	Direct mount (mm)	Weight (g)
PCV5-9D502	50	132	108	137

Connection diagram

• PCV5-9D502



Name plate

• PCV5-9D502

26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25

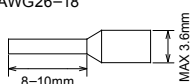
Specification

Rated voltage	AC, DC 125V		
Rated current	1A		
Insulation resistance	100MΩ or more (DC500V)		
Withstand voltage	AC600V/min		
Ambient temperature	-15°C to +60°C *No freezing and condensations		
Relative humidity	45% to 85%		
Materials	Terminal blocks	PA66 (Gray)	UL94V-0
	Case	PPE (Gray)	UL94V-0
Approval	TÜV R2050884		

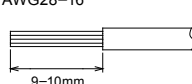
Applicable ferrule and wire

• Ferrule
0.25–1mm²
AWG26–18

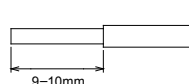
*DIN46228-4



• Stranded
0.08–1.25mm²
AWG28–16

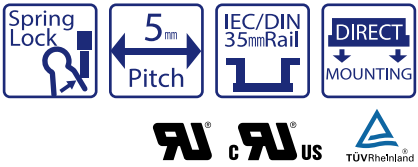


• Solid
φ0.5–φ1.6mm

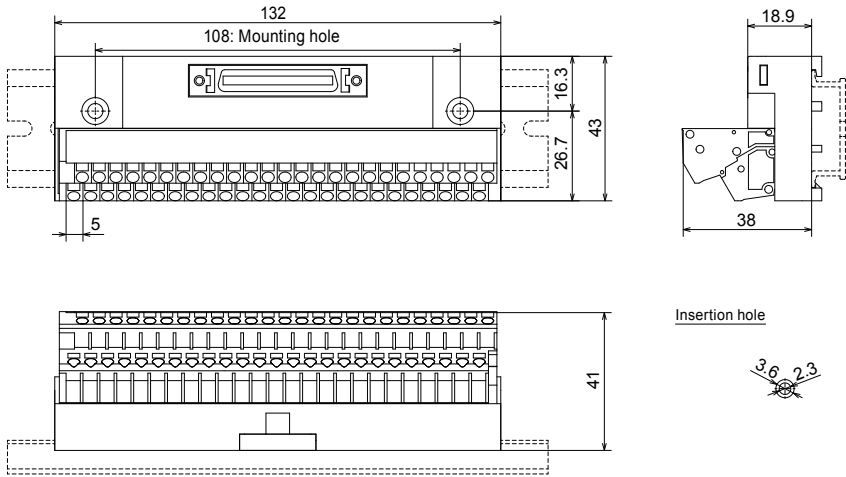


*Stranded and Solid: Insulation Outer Diameter ≤ φ3.6mm

Connector: **MDR**
125V / 1A / 0.08–1.25mm²



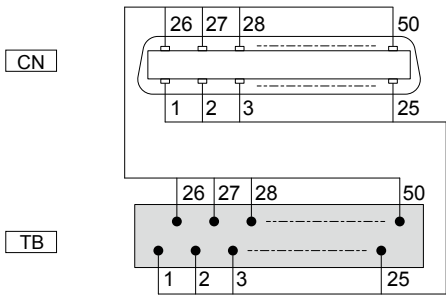
Dimension



Model name	Poles	Width (mm)	Direct mount (mm)	Weight (g)
PCV5-10S502	50	132	108	135

Connection diagram

PCV5-10S502



Name plate

PCV5-10S502

26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25

Applicable ferrule and wire

• Ferrule
0.25–1mm²
AWG26–18

• Stranded
0.08–1.25mm²
AWG28–16

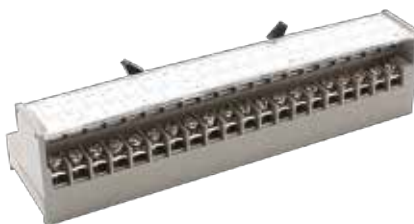
• Solid
φ 0.5–φ 1.6mm

*Stranded and Solid: Insulation Outer Diameter ≤ φ 3.6mm

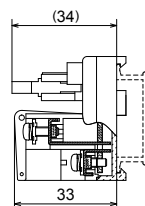
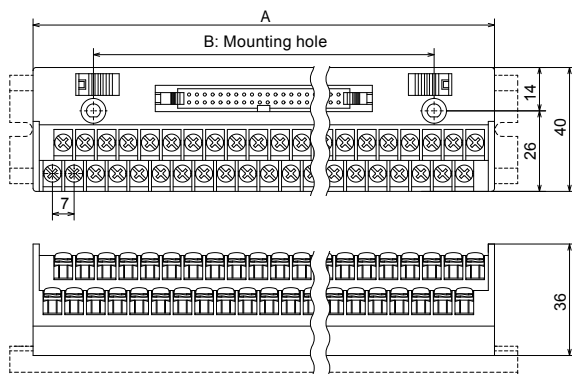
Specification

Rated voltage	AC, DC 50V		
Rated current	0.5A		
Insulation resistance	100MΩ or more (DC500V)		
Withstand voltage	AC500V/min		
Ambient temperature	-15°C to +60°C *No freezing and condensations		
Relative humidity	45% to 85%		
Materials	Terminal blocks	PA66 (Gray)	UL94V-0
	Case	PPE (Gray)	UL94V-0
Approval	UL·cUL		E113585
	TÜV		R2050884

Connector: **MIL**
125V / 1A / 1.25mm² [M3]



Dimension

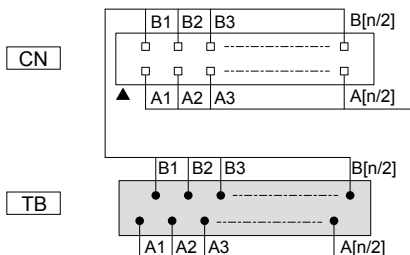


Model name	Poles	Width A(mm)	Direct mount B(mm)	Weight (g)
PCN7-1H20	20	80	62	77
PCN7-1T20				
PCN7-1J20				
PCN7-1H26	26	100	80	95
PCN7-1T26				
PCN7-1J26				
PCN7-1H34	34	128	108	122
PCN7-1T34				
PCN7-1J34				
PCN7-1H40	40	149	110	140
PCN7-1T40				
PCN7-1J40				
PCN7-1H50	50	184	144	175
PCN7-1T50				
PCN7-1J50				

Connection diagram

PCN7-1□□

20 poles: n = 20
26 poles: n = 26
34 poles: n = 34
40 poles: n = 40
50 poles: n = 50



Name plate

PCN7-1□20

B1	B2	B3	B4	B5	B6	B7	B8	B9	B10
A1	A2	A3	A4	A5	A6	A7	A8	A9	A10

PCN7-1□26

B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13
A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13

PCN7-1□34

B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	B14	B15	B16	B17
A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	A16	A17

PCN7-1□40

B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	B14	B15	B16	B17	B18	B19	B20
A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	A16	A17	A18	A19	A20

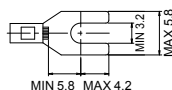
PCN7-1□50

B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	B14	B15	B16	B17	B18	B19	B20	B21	B22	B23	B24	B25
A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	A16	A17	A18	A19	A20	A21	A22	A23	A24	A25

Specification

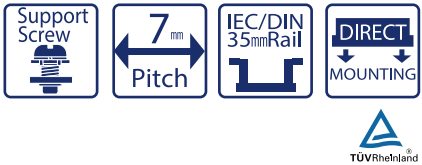
Rated voltage	AC, DC 125V		
Rated current	1A		
Insulation resistance	100MΩ or more (DC500V)		
Withstand voltage	AC600V/min		
Applicable wire	1.25mm ² / MAX		
Terminal screw	M3x9.5L *Tightening torque: 1.2N·m		
Ambient temperature	-15℃ to +60℃ *No freezing and condensations		
Relative humidity	45% to 85%		
Materials	Terminal blocks	PPE (Gray)	UL94V-0
	Case	PPE (Gray)	UL94V-0
Approval	UL·cUL	UL:1H / UL·cUL:1T	E113585
	TÜV	1H, 1T, 1J	R2050884

Applicable crimp terminal

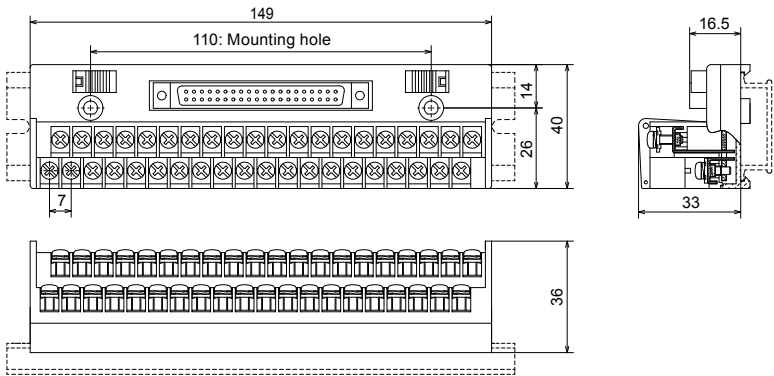


*Please inquire if you require the use of Circular(R) type.

Connector: **FCN**
125V / 1A / 1.25mm² [M3]



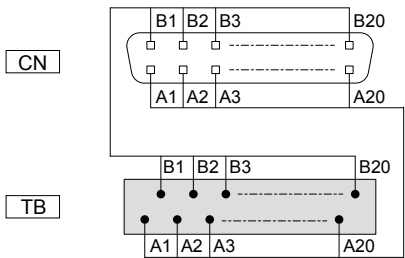
Dimension



Model name	Poles	Width (mm)	Direct mount (mm)	Weight (g)
PCN7-4F40	40	149	110	141

Connection diagram

• PCN7-4F40

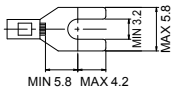


Name plate

• PCN7-4F40

B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	B14	B15	B16	B17	B18	B19	B20
A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	A16	A17	A18	A19	A20

Applicable crimp terminal



*Please inquire if you require the use of Circular(R) type.

Specification

Rated voltage	AC, DC 125V		
Rated current	1A		
Insulation resistance	100MΩ or more (DC500V)		
Withstand voltage	AC600V/min		
Applicable wire	1.25mm ² / MAX		
Terminal screw	M3x9.5L *Tightening torque: 1.2N·m		
Ambient temperature	-15℃ to +60℃ *No freezing and condensations		
Relative humidity	45% to 85%		
Materials	Terminal blocks	PPE (Gray)	UL94V-0
	Case	PPE (Gray)	UL94V-0
Approval	TÜV R2050884		

Connector: **MR**
125V / 1A / 1.25mm² [M3]

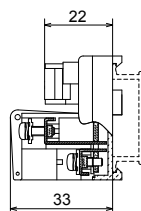
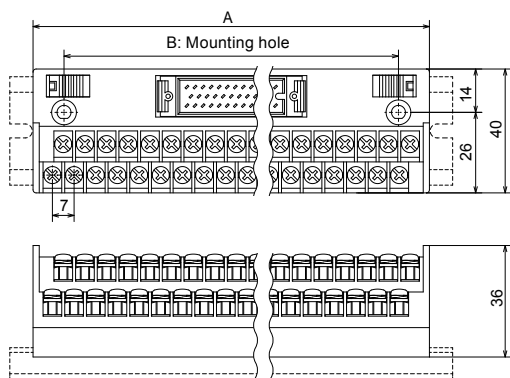


Pin type



Socket type

Dimension

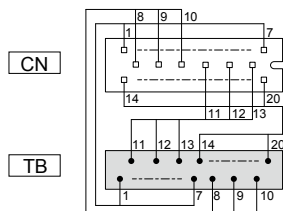


Model name	Poles	Width A(mm)	Direct mount B(mm)	Weight (g)
PCN7-2M20A	20	80	62	78
PCN7-2M20B				80
PCN7-2M34A	34	128	108	124
PCN7-2M34B				127
PCN7-2M50A	50	184	144	178
PCN7-2M50B				182

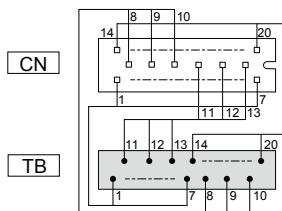
A: Pin type
B: Socket type

Connection diagram

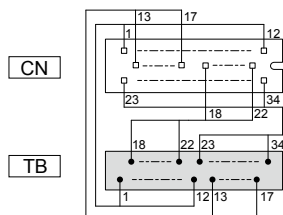
• PCN7-2M20A



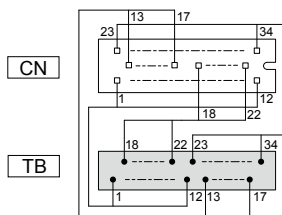
• PCN7-2M20B



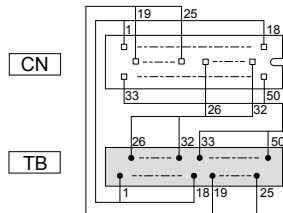
• PCN7-2M34A



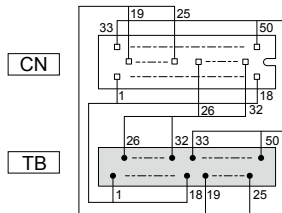
• PCN7-2M34B



• PCN7-2M50A



• PCN7-2M50B



Name plate

• PCN7-2M20□

11	12	13	14	15	16	17	18	19	20
1	2	3	4	5	6	7	8	9	10

• PCN7-2M34□

18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17

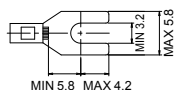
• PCN7-2M50□

26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25

Specification

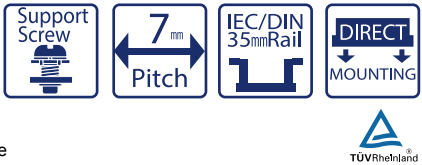
Rated voltage	AC, DC 125V		
Rated current	1A		
Insulation resistance	100MΩ or more (DC500V)		
Withstand voltage	AC600V/min		
Applicable wire	1.25mm ² / MAX		
Terminal screw	M3x9.5L *Tightening torque: 1.2N·m		
Ambient temperature	-15°C to +60°C *No freezing and condensations		
Relative humidity	45% to 85%		
Materials	Terminal blocks	PPE (Gray)	UL94V-0
	Case	PPE (Gray)	UL94V-0
Approval	TÜV R2050884		

Applicable crimp terminal



*Please inquire if you require the use of Circular(R) type.

Connector: **D-sub**
125V / 1A / 1.25mm² [M3]

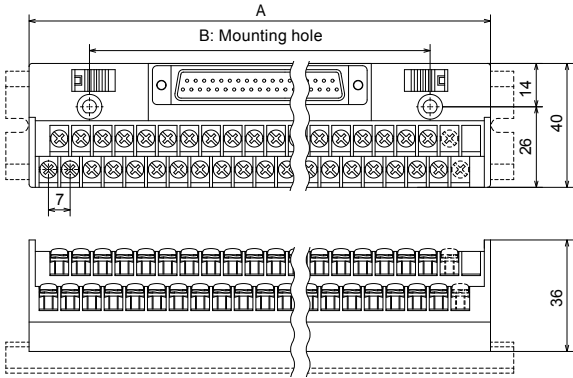


Pin type



Socket type

Dimension

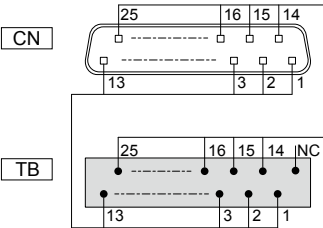


Model name	Poles	Width A(mm)	Direct mount B(mm)	Weight (g)
PCN7-3H25A	25	100	80	102
PCN7-3H25B				104
PCN7-3H37A	37	149	110	146
PCN7-3H37B				148

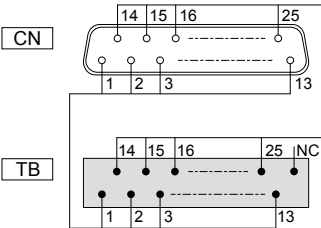
A: Pin type
B: Socket type

Connection diagram

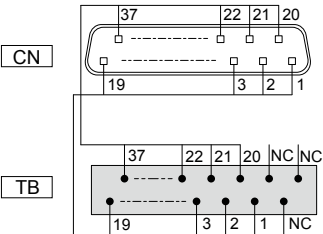
PCN7-3H25A



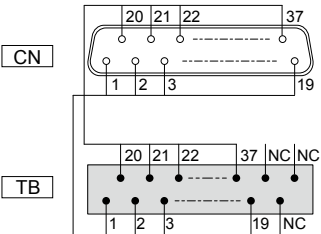
PCN7-3H25B



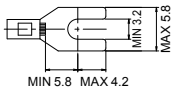
PCN7-3H37A



PCN7-3H37B



Applicable crimp terminal



*Please inquire if you require the use of Circular(R) type.

Name plate

PCN7-3H25A

25	24	23	22	21	20	19	18	17	16	15	14	
13	12	11	10	9	8	7	6	5	4	3	2	1

PCN7-3H25B

14	15	16	17	18	19	20	21	22	23	24	25	
1	2	3	4	5	6	7	8	9	10	11	12	13

PCN7-3H37A

37	36	35	34	33	32	31	30	29	28	27	26	25	24	23	22	21	20	NC	NC	
19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	NC	NC

PCN7-3H37B

20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	NC	NC
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	NC

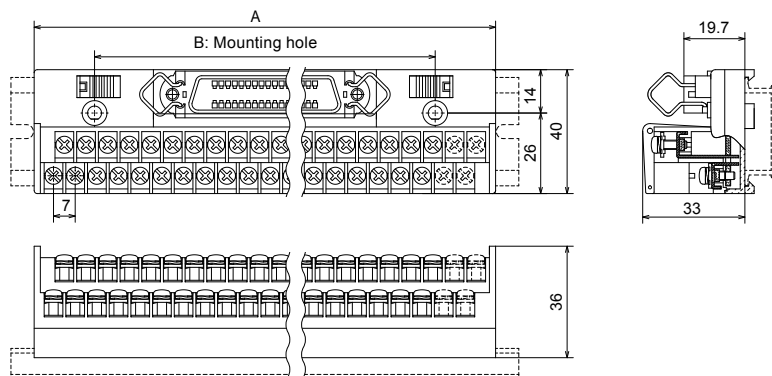
Specification

Rated voltage	AC, DC 125V		
Rated current	1A		
Insulation resistance	100MΩ or more (DC500V)		
Withstand voltage	AC600V/min		
Applicable wire	1.25mm ² / MAX		
Terminal screw	M3x9.5L *Tightening torque: 1.2N·m		
Ambient temperature	-15℃ to +60℃ *No freezing and condensations		
Relative humidity	45% to 85%		
Materials	Terminal blocks	PPE (Gray)	UL94V-0
	Case	PPE (Gray)	UL94V-0
Approval	TÜV		R2050884

Connector: **Centronics**
125V / 1A / 1.25mm² [M3]



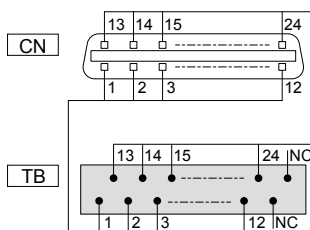
Dimension



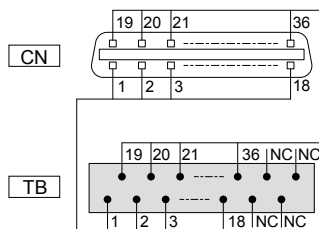
Model name	Poles	Width A(mm)	Direct mount B(mm)	Weight (g)
PCN7-9D24	24	100	80	98
PCN7-9D36	36	149	110	141
PCN7-9D50	50	184	144	182

Connection diagram

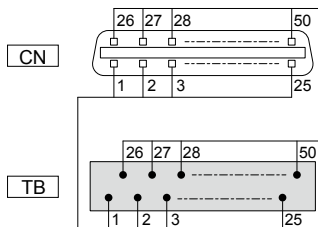
• PCN7-9D24



• PCN7-9D36



• PCN7-9D50



Name plate

• PCN7-9D24

13	14	15	16	17	18	19	20	21	22	23	24
1	2	3	4	5	6	7	8	9	10	11	12

• PCN7-9D36

19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	NC	NC
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	NC	NC

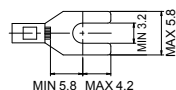
• PCN7-9D50

26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25

Specification

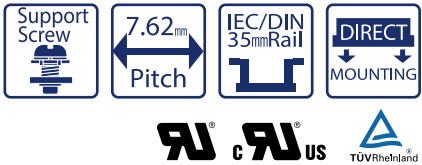
Rated voltage	AC, DC 125V		
Rated current	1A		
Insulation resistance	100MΩ or more (DC500V)		
Withstand voltage	AC600V/min		
Applicable wire	1.25mm ² / MAX		
Terminal screw	M3x9.5L *Tightening torque: 1.2N·m		
Ambient temperature	-15°C to +60°C *No freezing and condensations		
Relative humidity	45% to 85%		
Materials	Terminal blocks	PPE (Gray)	UL94V-0
	Case	PPE (Gray)	UL94V-0
Approval	UL·cUL	24, 50poles	E113585
	TÜV	24, 36, 50poles	R2050884

Applicable crimp terminal

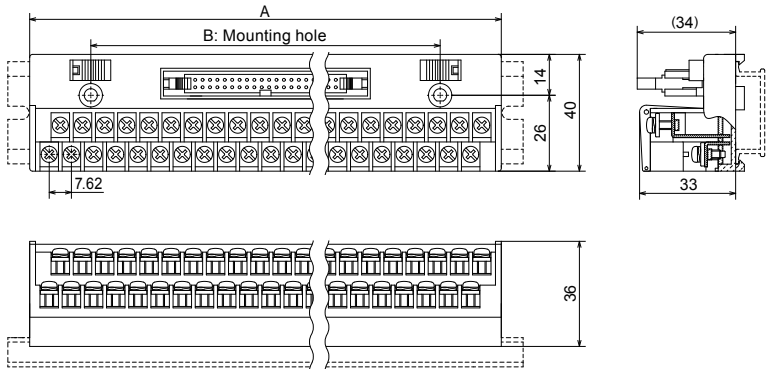


*Please inquire if you require the use of Circular(R) type.

Connector: **MIL**
125V / 1A / 1.25mm² [M3]



Dimension

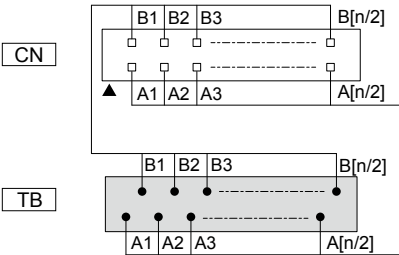


Model name	Poles	Width A(mm)	Direct mount B(mm)	Weight (g)
PCN-1H20	20	86	65	81
PCN-1T20				
PCN-1J20				
PCN-1H26	26	109	85	101
PCN-1T26				
PCN-1J26				
PCN-1H34	34	140	110	128
PCN-1T34				
PCN-1J34				
PCN-1H40	40	162	120	148
PCN-1T40				
PCN-1J40				
PCN-1H50	50	200	160	185
PCN-1T50				
PCN-1J50				

Connection diagram

PCN-1□□

20 poles: n = 20
26 poles: n = 26
34 poles: n = 34
40 poles: n = 40
50 poles: n = 50



Name plate

PCN-1□20

B1	B2	B3	B4	B5	B6	B7	B8	B9	B10
A1	A2	A3	A4	A5	A6	A7	A8	A9	A10

PCN-1□26

B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13
A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13

PCN-1□34

B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	B14	B15	B16	B17
A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	A16	A17

PCN-1□40

B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	B14	B15	B16	B17	B18	B19	B20
A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	A16	A17	A18	A19	A20

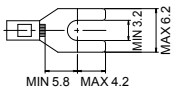
PCN-1□50

B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	B14	B15	B16	B17	B18	B19	B20	B21	B22	B23	B24	B25
A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	A16	A17	A18	A19	A20	A21	A22	A23	A24	A25

Specification

Rated voltage	AC, DC 125V		
Rated current	1A		
Insulation resistance	100MΩ or more (DC500V)		
Withstand voltage	AC600V/min		
Applicable wire	1.25mm ² / MAX		
Terminal screw	M3x9.5L *Tightening torque: 1.2N·m		
Ambient temperature	-15°C to +60°C *No freezing and condensations		
Relative humidity	45% to 85%		
Materials	Terminal blocks	PPE (Gray)	UL94V-0
	Case	PPE (Gray)	UL94V-0
Approval	UL·cUL	UL:1H / UL·cUL:1T	E113585
	TÜV	1H,1T,1J	R2050884

Applicable crimp terminal

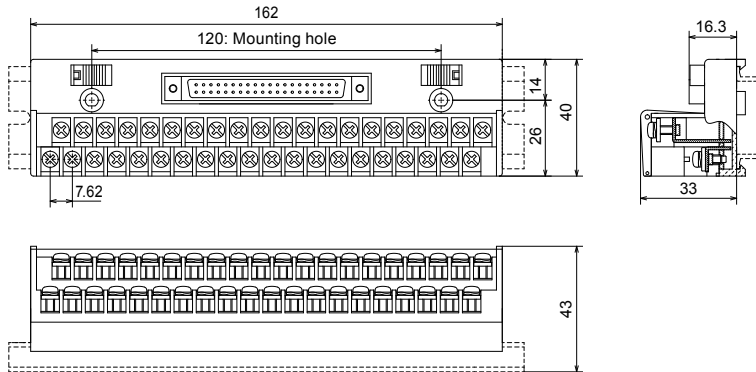


*Please inquire if you require the use of Circular(R) type.

Connector: **FCN**
125V / 1A / 1.25mm² [M3]



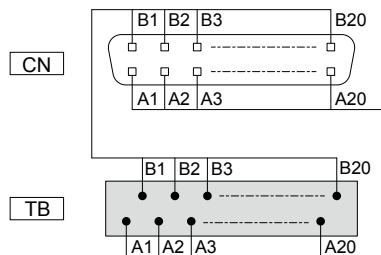
Dimension



Model name	Poles	Width (mm)	Direct mount (mm)	Weight (g)
PCN-4F40	40	162	120	151

Connection diagram

• PCN-4F40



Name plate

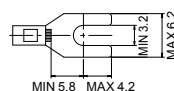
• PCN-4F40

B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	B14	B15	B16	B17	B18	B19	B20
A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	A16	A17	A18	A19	A20

Specification

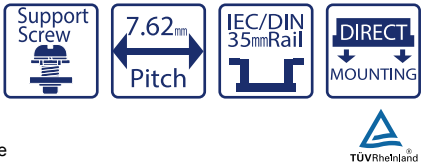
Rated voltage	AC, DC 125V		
Rated current	1A		
Insulation resistance	100MΩ or more (DC500V)		
Withstand voltage	AC600V/min		
Applicable wire	1.25mm ² / MAX		
Terminal screw	M3x9.5L *Tightening torque: 1.2N·m		
Ambient temperature	-15°C to +60°C *No freezing and condensations		
Relative humidity	45% to 85%		
Materials	Terminal blocks	PPE (Gray)	UL94V-0
	Case	PPE (Gray)	UL94V-0
Approval	TÜV R2050884		

Applicable crimp terminal



*Please inquire if you require the use of Circular(R) type.

Connector: **MR**
125V / 1A / 1.25mm² [M3]

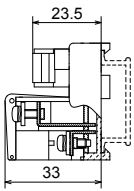
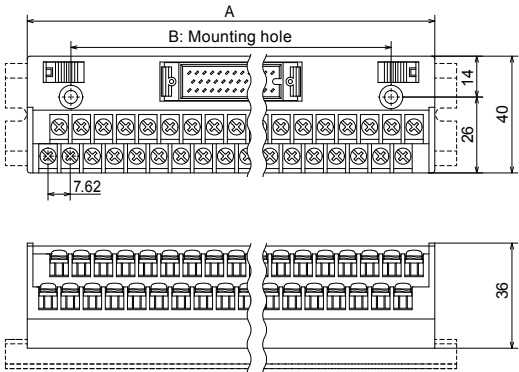


Pin type



Socket type

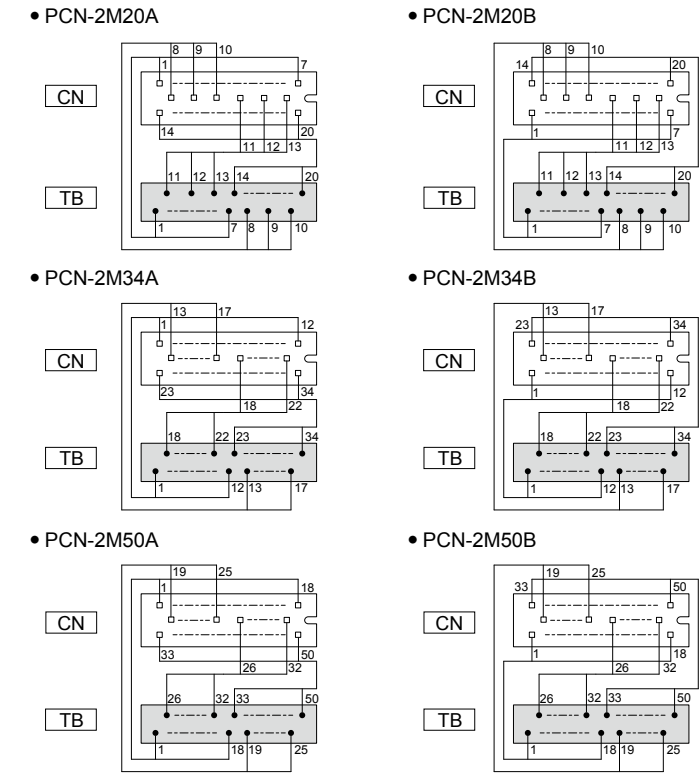
Dimension



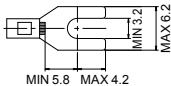
Model name	Poles	Width A(mm)	Direct mount B(mm)	Weight (g)
PCN-2M20A	20	86	65	83
PCN-2M20B				85
PCN-2M34A	34	140	110	130
PCN-2M34B				133
PCN-2M50A	50	200	160	187
PCN-2M50B				192

A: Pin type
B: Socket type

Connection diagram



Applicable crimp terminal



*Please inquire if you require the use of Circular(R) type.

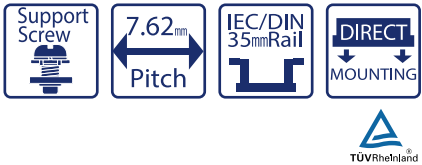
Name plate



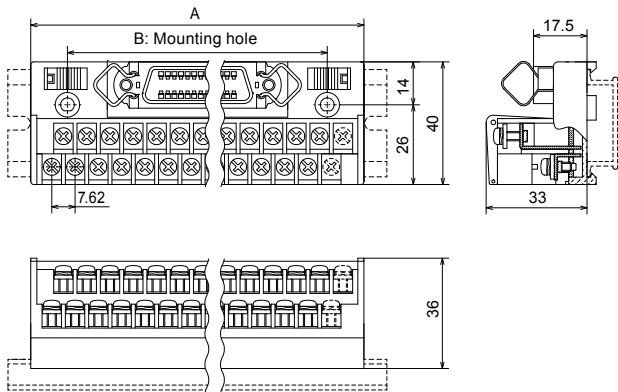
Specification

Rated voltage	AC, DC 125V		
Rated current	1A		
Insulation resistance	100MΩ or more (DC500V)		
Withstand voltage	AC600V/min		
Applicable wire	1.25mm ² / MAX		
Terminal screw	M3x9.5L *Tightening torque: 1.2N·m		
Ambient temperature	-15℃ to +60℃ *No freezing and condensations		
Relative humidity	45% to 85%		
Materials	Terminal blocks	PPE (Gray)	UL94V-0
	Case	PPE (Gray)	UL94V-0
Approval	TÜV		R2050884

Connector: **Centronics**
125V / 1A / 1.25mm² [M3]



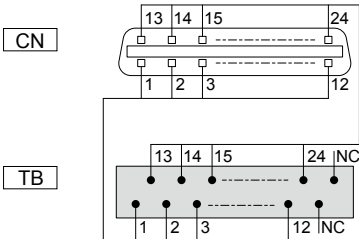
Dimension



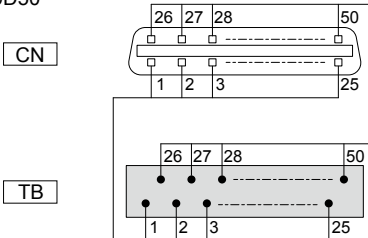
Model name	Poles	Width A(mm)	Direct mount B(mm)	Weight (g)
PCN-9D24	24	109	85	105
PCN-9D50	50	200	160	192

Connection diagram

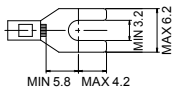
PCN-9D24



PCN-9D50



Applicable crimp terminal



*Please inquire if you require the use of Circular(R) type.

Name plate

PCN-9D24

13	14	15	16	17	18	19	20	21	22	23	24
1	2	3	4	5	6	7	8	9	10	11	12

PCN-9D50

26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25

Specification

Rated voltage	AC, DC 125V		
Rated current	1A		
Insulation resistance	100MΩ or more (DC500V)		
Withstand voltage	AC600V/min		
Applicable wire	1.25mm ² / MAX		
Terminal screw	M3x9.5L *Tightening torque: 1.2N·m		
Ambient temperature	-15℃ to +60℃ *No freezing and condensations		
Relative humidity	45% to 85%		
Materials	Terminal blocks	PPE (Gray)	UL94V-0
	Case	PPE (Gray)	UL94V-0
Approval	TÜV R2050884		

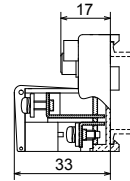
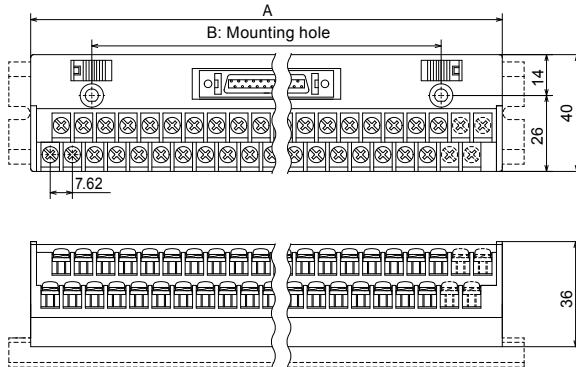
Connector: **MDR**
125V / 0.5A / 1.25mm² [M3]



PCN-10S36

PCN-10S40

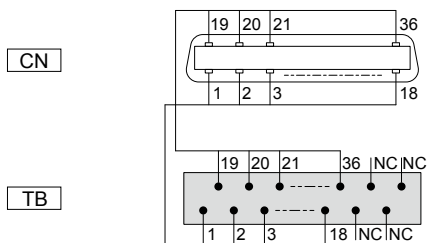
Dimension



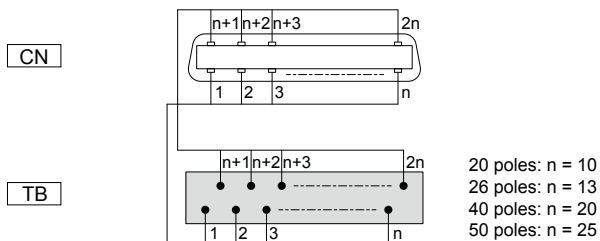
Model name	Poles	Width A(mm)	Direct mount B(mm)	Weight (g)
PCN-10S20	20	86	65	82
PCN-10S26	26	109	85	102
PCN-10S36	36	162	120	143
PCN-10S40	40	162	120	148
PCN-10S50	50	200	160	184

Connection diagram

PCN-10S36



PCN-10S20, 26, 40, 50



Name plate

PCN-10S20

11	12	13	14	15	16	17	18	19	20
1	2	3	4	5	6	7	8	9	10

PCN-10S26

14	15	16	17	18	19	20	21	22	23	24	25	26
1	2	3	4	5	6	7	8	9	10	11	12	13

PCN-10S36

19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18

PCN-10S40

21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

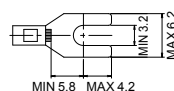
PCN-10S50

26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25

Specification

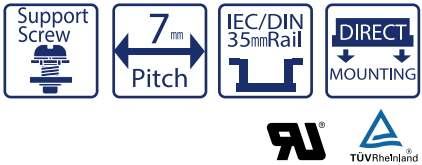
Rated voltage	AC, DC 50V		
Rated current	0.5A		
Insulation resistance	100MΩ or more (DC500V)		
Withstand voltage	AC500V/min		
Applicable wire	1.25mm ² / MAX		
Terminal screw	M3x9.5L *Tightening torque: 1.2N·m		
Ambient temperature	-15°C to +60°C *No freezing and condensations		
Relative humidity	45% to 85%		
Materials	Terminal blocks	PPE (Gray)	UL94V-0
	Case	PPE (Gray)	UL94V-0
Approval	UL	E327766	
	TÜV	R2050884	

Applicable crimp terminal

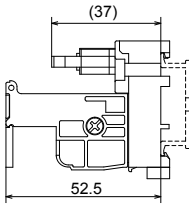
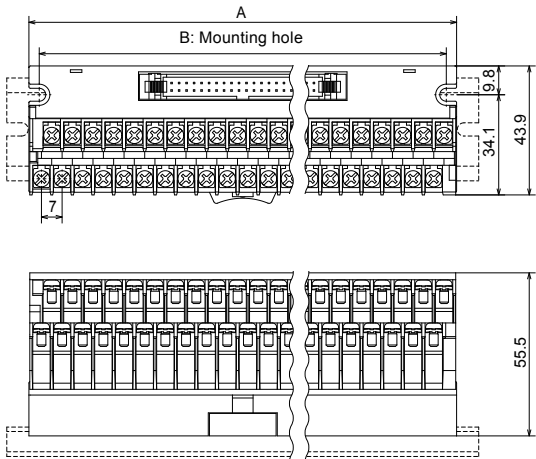


*Please inquire if you require the use of Circular(R) type.

Connector: **MIL**
125V / 1A / 1.25mm² [M3]



Dimension



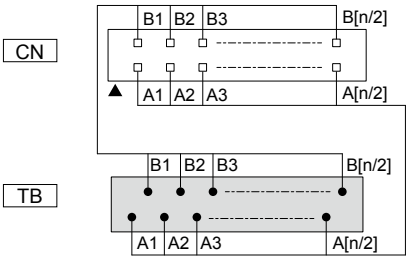
Model name	Poles	Width A(mm)	Direct mount B(mm)	Weight (g)
PCA7-1H20	20	75	68	110
PCA7-1T20				
PCA7-1H26				
PCA7-1T26	26	96	89	138
PCA7-1H34				
PCA7-1T34				
PCA7-1H40	40	145	138	207
PCA7-1T40				
PCA7-1H50				
PCA7-1T50	50	180	173	256

*Same for "M" type

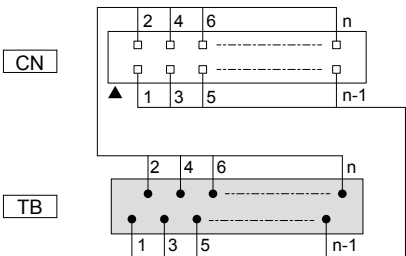
Connection diagram

PCA7-1□□

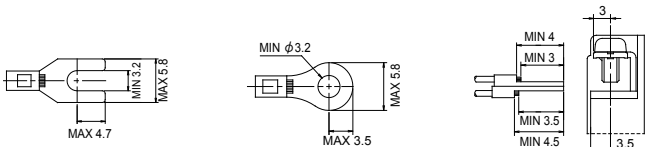
- 20 poles: n = 20
- 26 poles: n = 26
- 34 poles: n = 34
- 40 poles: n = 40
- 50 poles: n = 50



PCA7-1□□-M



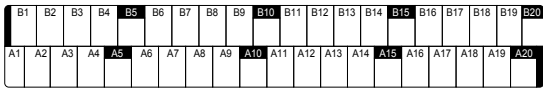
Applicable crimp terminal



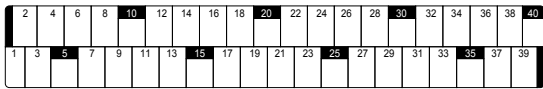
Name plate

Example of 40 poles

PCA7-1□40



PCA7-1□40-M



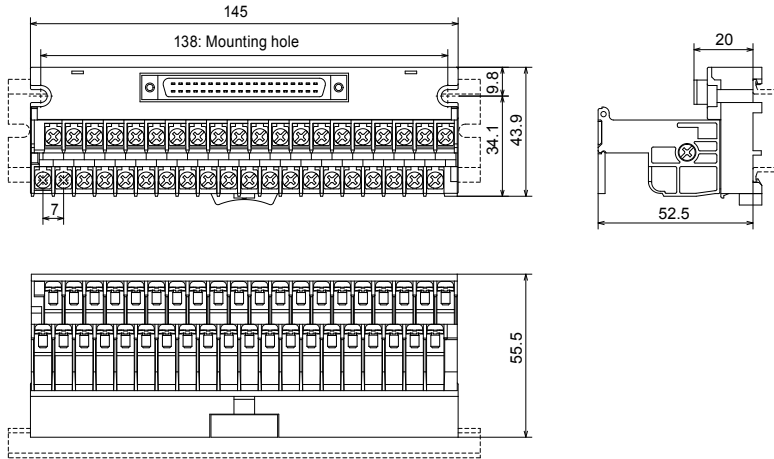
Specification

Rated voltage	AC, DC 125V	
Rated current	1A	
Insulation resistance	100MΩ or more (DC500V)	
Withstand voltage	AC500V/min	
Applicable wire	1.25mm ² / MAX	
Terminal screw	M3x6L *Tightening torque: 0.8N·m	
Ambient temperature	-15℃ to +60℃ *No freezing and condensations	
Relative humidity	45% to 85%	
Materials	Terminal blocks	PPE (Black) UL94V-0
	Case	PPE (Black) UL94V-0
Approval	UL	E327766
	TÜV	R2050884

Connector: **FCN**
125V / 1A / 1.25mm² [M3]



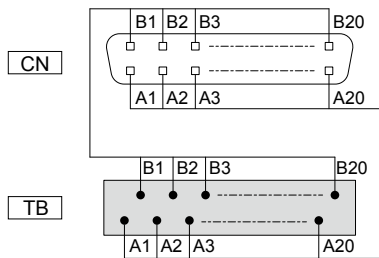
Dimension



Model name	Poles	Width (mm)	Direct mount (mm)	Weight (g)
PCA7-4F40	40	145	138	208

Connection diagram

• PCA7-4F40



Name plate

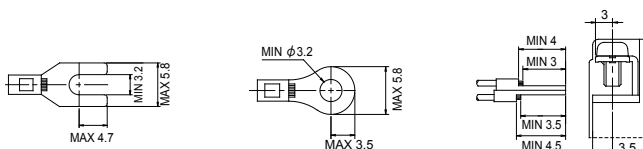
• PCA7-4F40

B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	B14	B15	B16	B17	B18	B19	B20
A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	A16	A17	A18	A19	A20

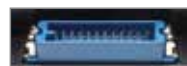
Specification

Rated voltage	AC, DC 125V		
Rated current	1A		
Insulation resistance	100MΩ or more (DC500V)		
Withstand voltage	AC500V/min		
Applicable wire	1.25mm ² / MAX		
Terminal screw	M3x6L *Tightening torque: 0.8N·m		
Ambient temperature	-15°C to +60°C *No freezing and condensations		
Relative humidity	45% to 85%		
Materials	Terminal blocks	PPE (Black)	UL94V-0
	Case	PPE (Black)	UL94V-0
Approval	TÜV R2050884		

Applicable crimp terminal



Connector: **MR**
125V / 1A / 1.25mm² [M3]



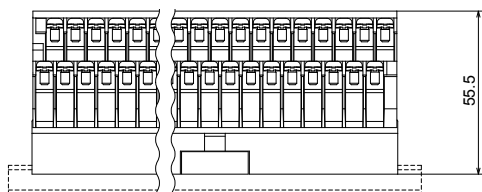
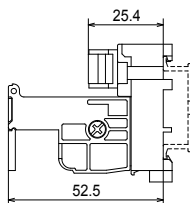
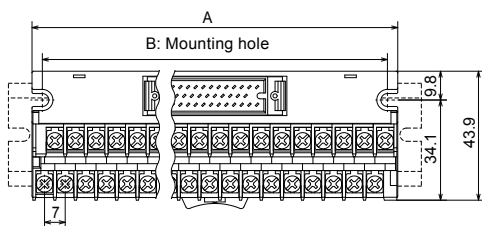
Pin type



Socket type



Dimension

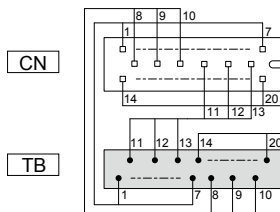


Model name	Poles	Width A(mm)	Direct mount B(mm)	Weight (g)
PCA7-2M20A	20	75	68	112
PCA7-2M20B				114
PCA7-2M34A	34	124	117	181
PCA7-2M34B				183
PCA7-2M50A	50	144	138.4	260
PCA7-2M50B				260

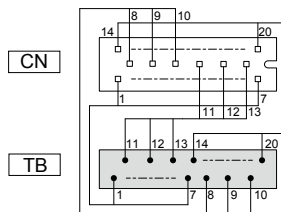
A: Pin type
B: Socket type

Connection diagram

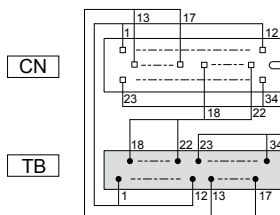
PCA7-2M20A



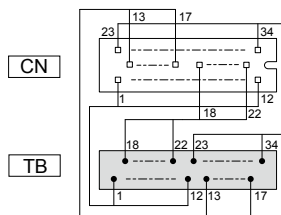
PCA7-2M20B



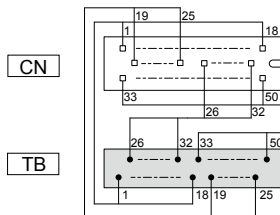
PCA7-2M34A



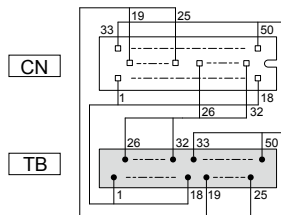
PCA7-2M34B



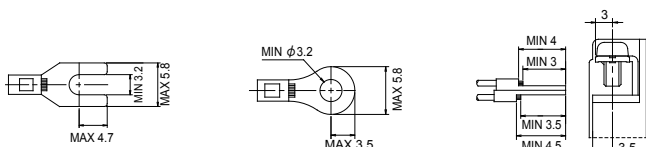
PCA7-2M50A



PCA7-2M50B

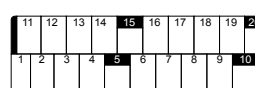


Applicable crimp terminal

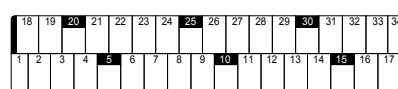


Name plate

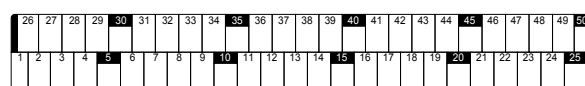
PCA7-2M20□



PCA7-2M34□



PCA7-2M50□



Specification

Rated voltage	AC, DC 125V	
Rated current	1A	
Insulation resistance	100MΩ or more (DC500V)	
Withstand voltage	AC500V/min	
Applicable wire	1.25mm ² / MAX	
Terminal screw	M3x6L *Tightening torque: 0.8N·m	
Ambient temperature	-15°C to +60°C *No freezing and condensations	
Relative humidity	45% to 85%	
Materials	Terminal blocks	PPE (Black) UL94V-0
	Case	PPE (Black) UL94V-0
Approval	TÜV R2050884	

Connector: **D-sub**
125V / 1A / 1.25mm² [M3]

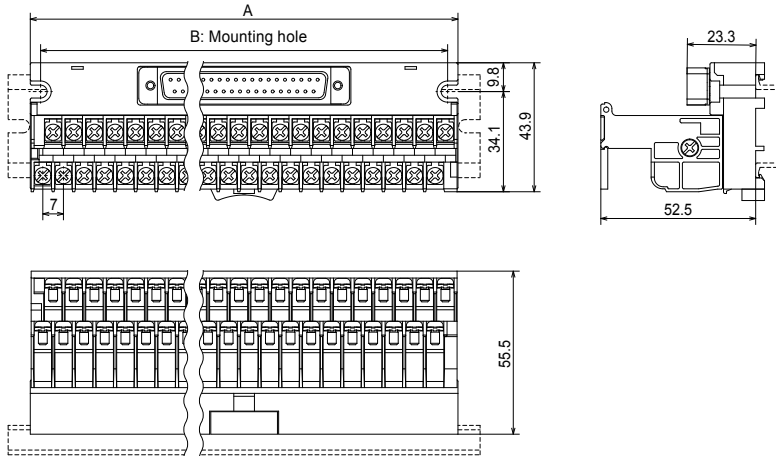


Pin type

Socket type



Dimension



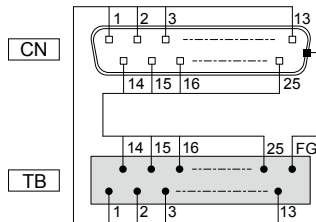
Model name	Poles	Width A(mm)	Direct mount B(mm)	Weight (g)
PCA7-3H25A	25	96	89	148
PCA7-3H25B				149
PCA7-3H37A	37	145	138	220
PCA7-3H37B				221

A: Pin type

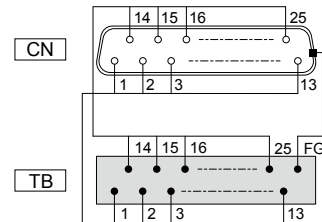
B: Socket type

Connection diagram

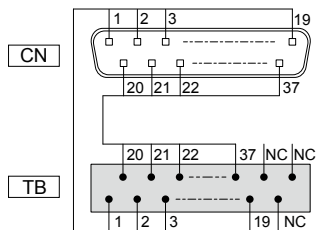
PCA7-3H25A



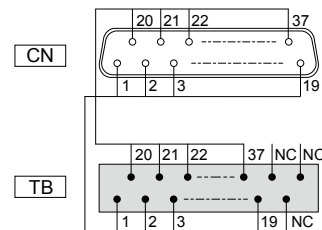
PCA7-3H25B



PCA7-3H37A

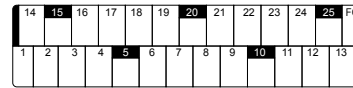


PCA7-3H37B



Name plate

PCA7-3H25□



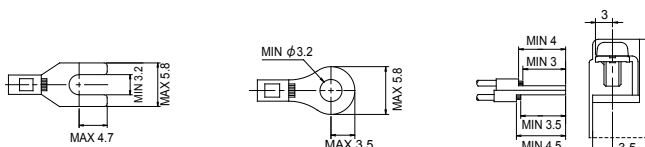
PCA7-3H37□



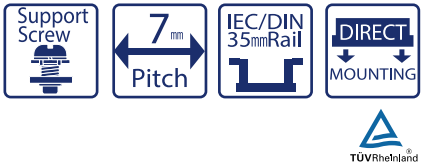
Specification

Rated voltage	AC, DC 125V	
Rated current	1A	
Insulation resistance	100MΩ or more (DC500V)	
Withstand voltage	AC500V/min	
Applicable wire	1.25mm ² / MAX	
Terminal screw	M3x6L *Tightening torque: 0.8N·m	
Ambient temperature	-15°C to +60°C *No freezing and condensations	
Relative humidity	45% to 85%	
Materials	Terminal blocks	PPE (Black) UL94V-0
	Case	PPE (Black) UL94V-0
Approval	TÜV R2050884	

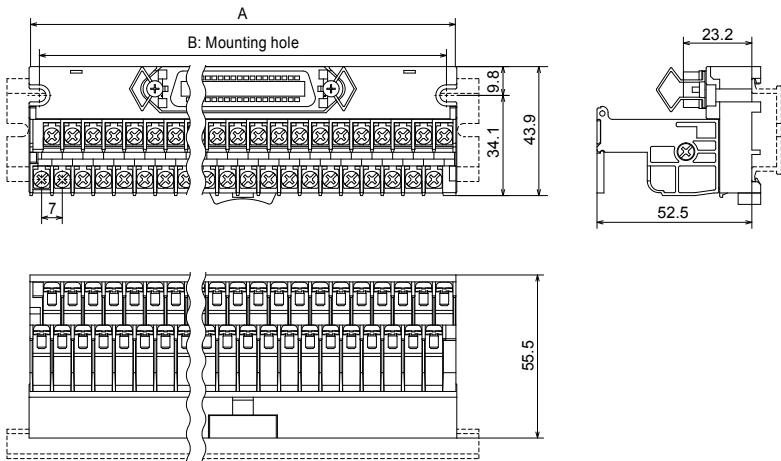
Applicable crimp terminal



Connector: **Centronics**
125V / 1A / 1.25mm² [M3]



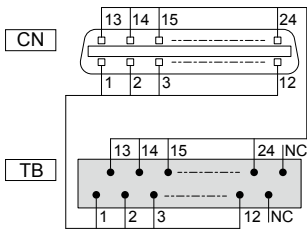
■ Dimension



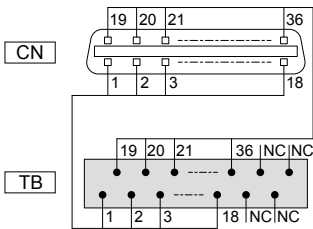
Model name	Poles	Width A(mm)	Direct mount B(mm)	Weight (g)
PCA7-9D24	24	96	89	146
PCA7-9D36	36	145	138	216
PCA7-9D50	50	180	173	265

■ Connection diagram

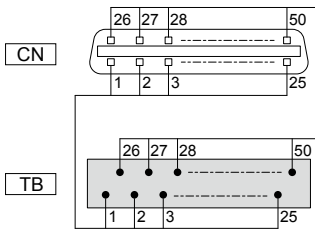
• PCA7-9D24



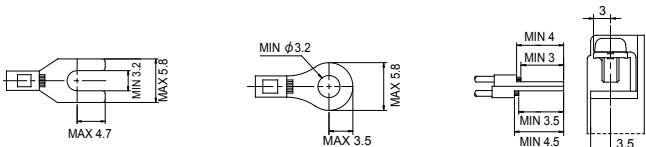
• PCA7-9D36



• PCA7-9D50

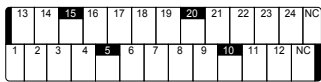


■ Applicable crimp terminal



■ Name plate

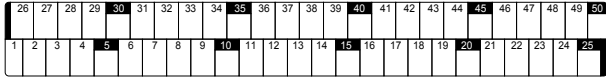
• PCA7-9D24



• PCA7-9D36



• PCA7-9D50



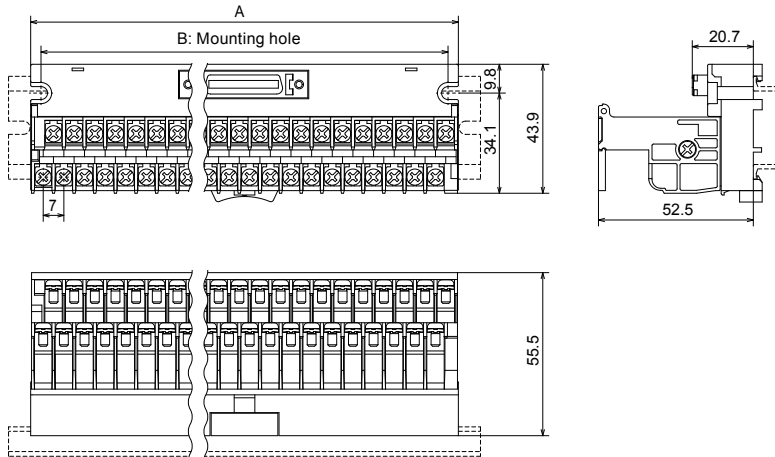
■ Specification

Rated voltage	AC, DC 125V	
Rated current	1A	
Insulation resistance	100MΩ or more (DC500V)	
Withstand voltage	AC500V/min	
Applicable wire	1.25mm ² / MAX	
Terminal screw	M3x6L *Tightening torque: 0.8N·m	
Ambient temperature	-15°C to +60°C *No freezing and condensations	
Relative humidity	45% to 85%	
Materials	Terminal blocks	PPE (Black) UL94V-0
	Case	PPE (Black) UL94V-0
Approval	TÜV R2050884	

Connector: **MDR**
125V / 0.5A / 1.25mm² [M3]



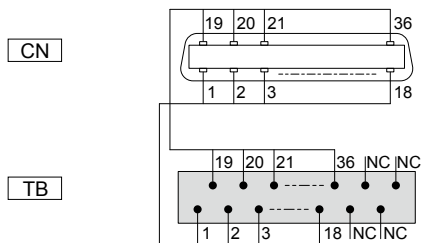
Dimension



Model name	Poles	Width A(mm)	Direct mount B(mm)	Weight (g)
PCA7-10S20	20	75	68	111
PCA7-10S26	26	96	89	140
PCA7-10S36	36	145	138	206
PCA7-10S40	40	145	138	207
PCA7-10S50	50	180	173	256

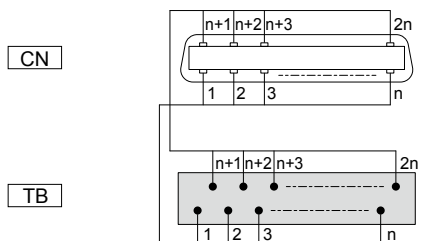
Connection diagram

PCA7-10S36



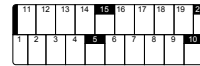
PCA7-10S20, 26, 40, 50

20 poles: n = 10
26 poles: n = 13
40 poles: n = 20
50 poles: n = 25

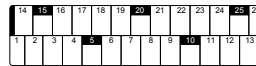


Name plate

PCA7-10S20



PCA7-10S26



PCA7-10S36



PCA7-10S40



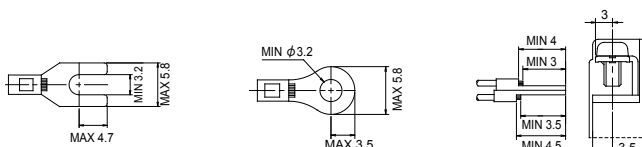
PCA7-10S50



Specification

Rated voltage	AC, DC 125V (UL:50V)	
Rated current	0.5A	
Insulation resistance	100MΩ or more (DC500V)	
Withstand voltage	AC500V/min	
Applicable wire	1.25mm ² / MAX	
Terminal screw	M3x6L *Tightening torque: 0.8N·m	
Ambient temperature	-15°C to +60°C *No freezing and condensations	
Relative humidity	45% to 85%	
Materials	Terminal blocks	PPE (Black) UL94V-0
	Case	PPE (Black) UL94V-0
Approval	UL	E327766
	TÜV	R2050884

Applicable crimp terminal





- ◆ 1:1 connection type
- ◆ Organized wiring
- ◆ Shielded types and customization requests are available.



No. of poles	20	26	34	40	50
Construction(No. / mm)	7/0.127(AWG28) Material: Tin-plated soft copper wire				
Insulation outer diameter(mm)	0.88				
Outer diameter(mm)	unshielded	7.5	8	8.9	9.5
	shielded	8.1	8.6	9.5	10.1
Insulation / sheath materials	Lead free heat resistant PVC				
Conductor resistance(Ω/m)	Max. 0.232				
Insulation resistance	100MΩ·km or more				
Withstand voltage	AC 500V / min.				
UL standard(cable part)	UL STYLE 2464 80°C 300V				

Unshielded

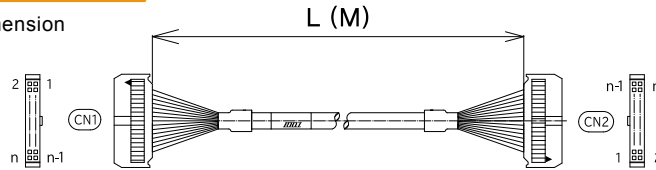
•MIL↔MIL

Model name structure

KB40N-1H1H-1MB

No. of connector poles	Connector Manufacturer	Cable Length(L)
20 : 20 poles	1H1H : HIROSE ELECTRIC	0.5 : 0.5m
26 : 26 poles		1 : 1m
34 : 34 poles	1T1T : OMRON	1.5 : 1.5m
40 : 40 poles	*only 20, 34, 40 and 50 poles	2 : 2m
50 : 50 poles		3 : 3m
		5 : 5m

■ Dimension



Connecting diagram

CN1	CN2
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
·	·
·	·
·	·
·	·
n	n

20 poles: n = 20
26 poles: n = 26
34 poles: n = 34
40 poles: n = 40
50 poles: n = 50

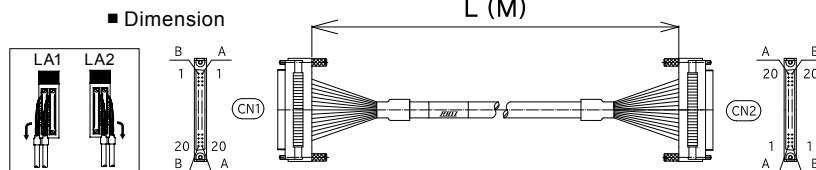
•FCN↔FCN

Model name structure

KB40N-4F4F-LA1-1MB

No. of connector poles	CN1 angled type	Cable Length(L)
40 : 40 poles	N/A (blank): Straight	0.5 : 0.5m
	LA1: Row B side	1 : 1m
Connector Manufacturer	LA2: Row A side	1.5 : 1.5m
4F4F : TE Connectivity		2 : 2m
		3 : 3m
		5 : 5m

■ Dimension



Connecting diagram

CN1	CN2
A1	A1
B1	B1
A2	A2
B2	B2
A3	A3
B3	B3
A4	A4
B4	B4
A5	A5
B5	B5
A6	A6
B6	B6
·	·
·	·
·	·
·	·
A18	A18
B18	B18
A19	A19
B19	B19
A20	A20
B20	B20

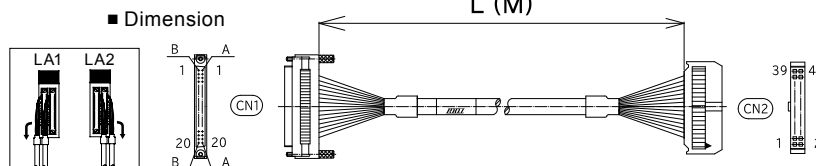
•FCN↔MIL

Model name structure

KB40N-4F1H-LA1-1MB

No. of connector poles	CN1 angled type	Cable Length(L)
40 : 40 poles	N/A (blank): Straight	0.5 : 0.5m
	LA1: Row B side	1 : 1m
Connector Manufacturer	LA2: Row A side	1.5 : 1.5m
4F1H : [CN1] TE Connectivity		2 : 2m
[CN2] HIROSE ELECTRIC		3 : 3m
		5 : 5m

■ Dimension



Connecting diagram

CN1	CN2
A1	1
B1	2
A2	3
B2	4
A3	5
B3	6
A4	7
B4	8
A5	9
B5	10
A6	11
B6	12
·	·
·	·
·	·
·	·
A18	35
B18	36
A19	37
B19	38
A20	39
B20	40

Shielded

•MR↔MR

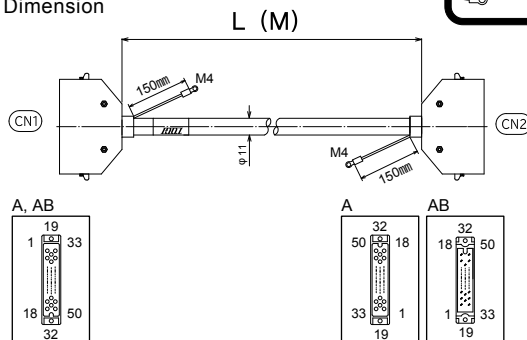
Model name structure

KBS-2M50A-1MB

No. of connector poles 50 : 50 poles	Type of connector A: Socket AB: [CN1]Socket [CN2]Plug	Cable Length(L)
		0.5 : 0.5m
		1 : 1m
		1.5 : 1.5m
		2 : 2m
		3 : 3m
		5 : 5m



■ Dimension



Connecting diagram

CN1	CN2
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12
13	13
14	14
15	15
16	16
17	17
18	18
19	19
20	20
21	21
22	22
23	23
24	24
25	25
26	26
27	27
28	28
29	29
30	30
31	31
32	32
33	33
34	34
35	35
36	36
37	37
38	38
39	39
40	40
41	41
42	42
43	43
44	44
45	45
46	46
47	47
48	48
49	49
50	50

Connector Manufacturer : HONDA TSUSHIN KOGYO

•D-sub↔D-sub

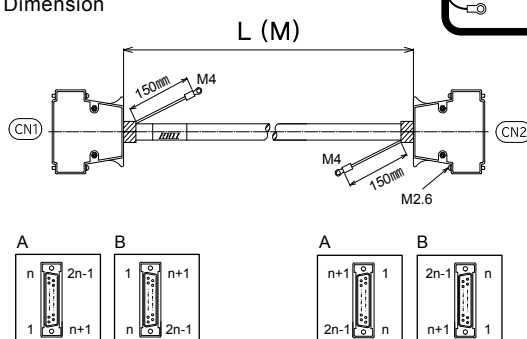
Model name structure

KBS-3H25A-1MB

No. of connector poles 25 : 25 poles 37 : 37 poles	Type of connector A: Plug B: Socket	Cable Length(L)
		0.5 : 0.5m
		1 : 1m
		1.5 : 1.5m
		2 : 2m
		3 : 3m
		5 : 5m



■ Dimension



Connecting diagram

CN1	CN2
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12
13	13
14	14
15	15
16	16
17	17
18	18
19	19
20	20
21	21
22	22
23	23
24	24
25	25
26	26
27	27
28	28
29	29
30	30
31	31
32	32
33	33
34	34
35	35
36	36
37	37
38	38
39	39
40	40
41	41
42	42
43	43
44	44
45	45
46	46
47	47
48	48
49	49
50	50

25 poles.....n = 13
37 poles.....n = 19

Connector Manufacturer : HIROSE ELECTRIC

•Centronics↔Centronics

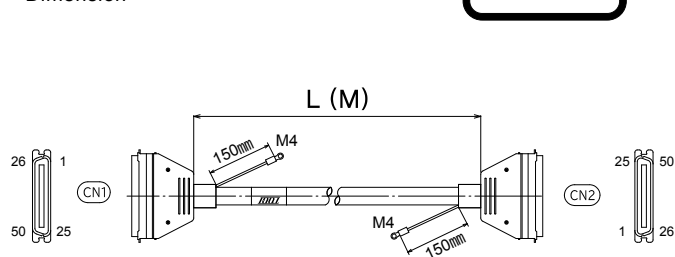
Model name structure

KBS-9D50-1MB

No. of connector poles 50 : 50 poles	Cable Length(L)
	0.5 : 0.5m
	1 : 1m
	1.5 : 1.5m
	2 : 2m
	3 : 3m
	5 : 5m



■ Dimension



Connecting diagram

CN1	CN2
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12
13	13
14	14
15	15
16	16
17	17
18	18
19	19
20	20
21	21
22	22
23	23
24	24
25	25
26	26
27	27
28	28
29	29
30	30
31	31
32	32
33	33
34	34
35	35
36	36
37	37
38	38
39	39
40	40
41	41
42	42
43	43
44	44
45	45
46	46
47	47
48	48
49	49
50	50

Connector Manufacturer : DDK

•MDR↔MDR

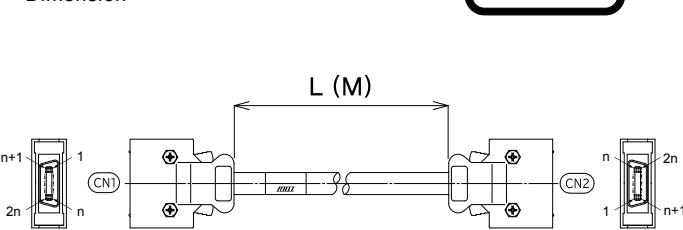
Model name structure

KBS-10S20-F-1MB

No. of connector poles 20 : 20 poles 26 : 26 poles 36 : 36 poles 50 : 50 poles	Cable Length(L)
	0.5 : 0.5m
	1 : 1m
	1.5 : 1.5m
	2 : 2m
	3 : 3m
	5 : 5m



■ Dimension



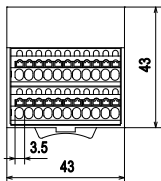
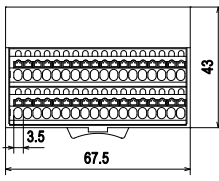
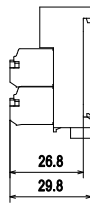
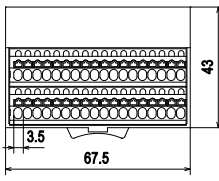
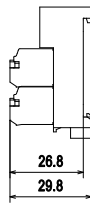
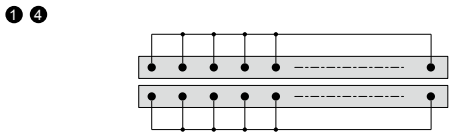
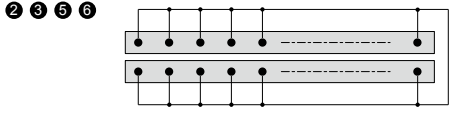
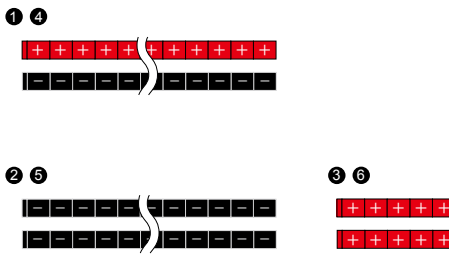
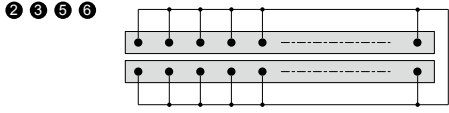
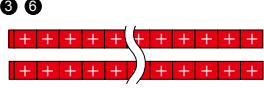
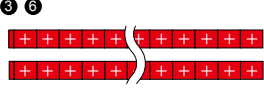
Connecting diagram

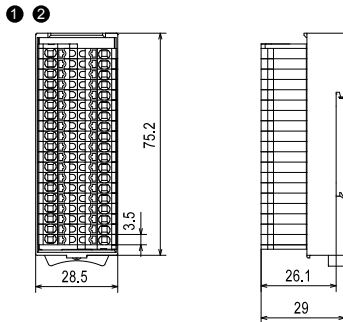
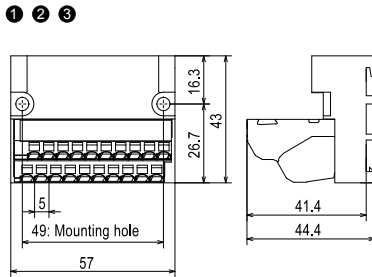
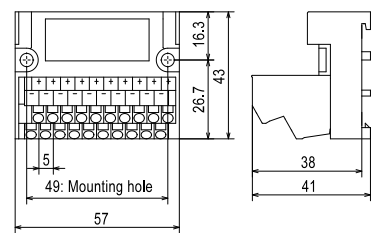
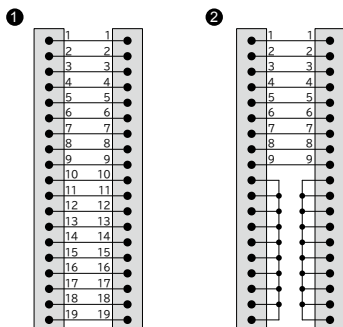
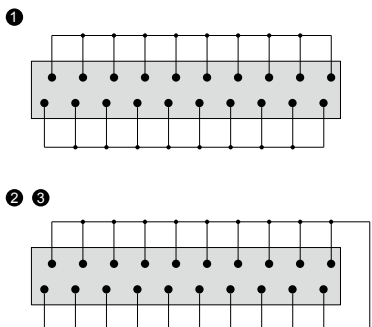
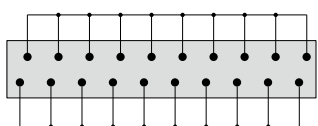
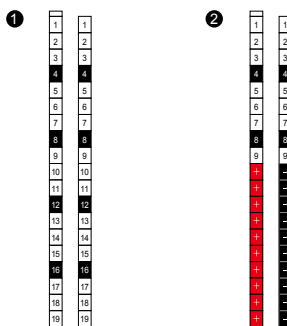
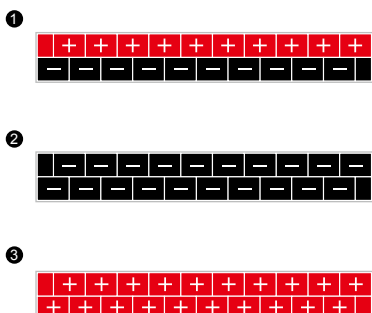
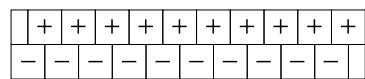
CN1	CN2
1	1
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11	11
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40	40
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42	42
43	43
44	44
45	45
46	46
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49	49
50	50

20 poles: n = 10
26 poles: n = 13
36 poles: n = 18
50 poles: n = 25

Connector Manufacturer : 3M

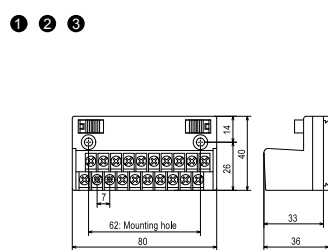
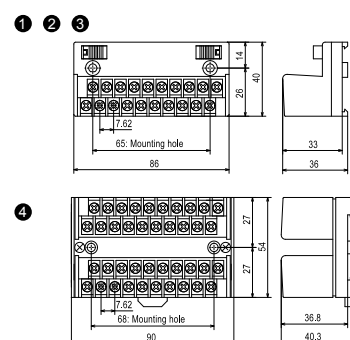
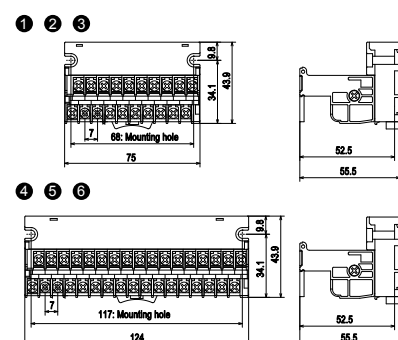
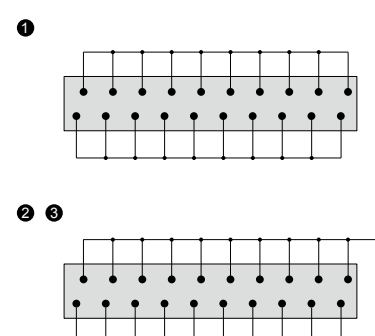
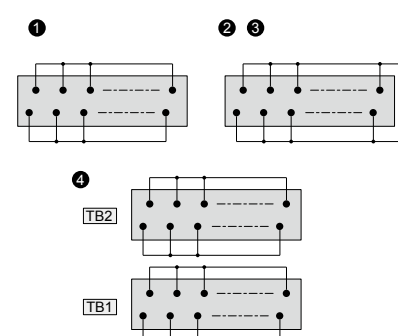
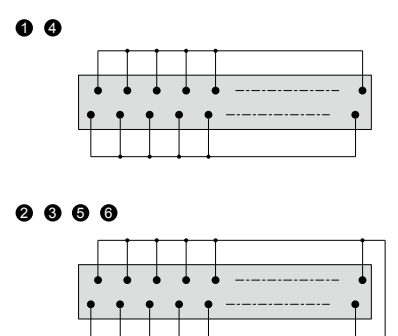
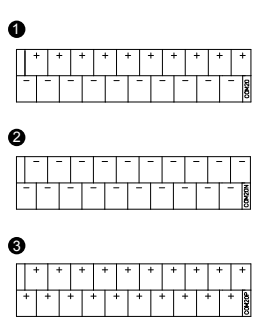
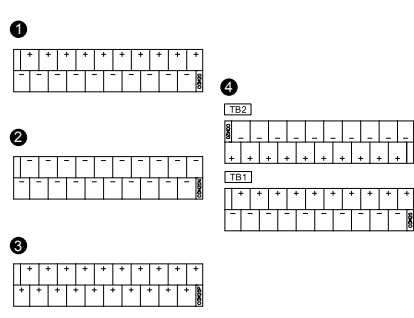
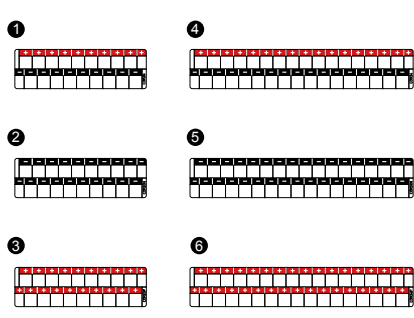
COMMON Terminals

Series	PCX-COM			PCXV-COM			Vertical type	
								
								
Description	Model name		No. of Poles	Weight	Model name		No. of Poles	Weight
	① PCX-COM22		11(+), 11(-)	45g	① PCXV-COM20		10(+), 10(-)	34g
	② PCX-COM22N		22(-)	45g	② PCXV-COM20N		20(-)	34g
	③ PCX-COM22P		22(+)	45g	③ PCXV-COM20P		20(+)	34g
	④ PCX-COM36		18(+), 18(-)	69g	④ PCXV-COM40		20(+), 20(-)	64g
	⑤ PCX-COM36N		36(-)	69g	⑤ PCXV-COM40N		40(-)	64g
	⑥ PCX-COM36P		36(+)	69g	⑥ PCXV-COM40N		40(+)	64g
Drawing								
								
Diagram								
								
Name plate								
								
Rated voltage	AC, DC 125V							
Rated current	10A							
Insulation resistance	100MΩ or more (DC500V)							
Withstand voltage	AC500V/min							
Applicable wire	Ferrule: 0.14-0.75mm ² / AWG26-18 Solid: φ0.3-φ1.3mm Stranded: 0.08-1.5mm ² / AWG28-16							
Ambient temperature	-15 to + 60°C *No freezing and condensations							
Relative humidity	45% to 85%							
Approval	UL · cUL [E113585], TÜV [R 02050884]							

Series	PCXV-TB			PCW-COM			PCV5-COM		
									
Description	Model name	No. of Poles	Weight	Model name	No. of Poles	Weight	Model name	No. of Poles	Weight
	① PCXV-TB19	1:1×19	62g	① PCW-COM20	10(+), 10(-)	51g	PCV5-20COM2	10(+), 10(-)	50g
	② PCXV-TB9-PN10	1:1×9	62g	② PCW-COM20P	20(-)	51g			
		10(+), 10(-)	62g	③ PCW-COM20N	20(+)	51g			
Drawing									
Diagram									
Name plate									
Rated voltage	AC, DC 50V			AC, DC 250V			AC, DC 125V		
Rated current	① 5A ② sig: 5A / COM: 10A			10A			10A		
Insulation resistance	100MΩ or more (DC500V)								
Withstand voltage	AC500V/min			AC1500V/min			AC600V/min		
Applicable wire	Ferrule: 0.14~0.75mm ² / AWG26~18 Solid: φ0.3~φ1.3mm Stranded: 0.08~1.5mm ² / AWG28~16			Ferrule: 0.14~2.5mm ² / AWG26~14 Solid: φ0.3~φ1.6mm Stranded: 0.08~2.5mm ² / AWG28~14			Ferrule: 0.25~1mm ² / AWG26~18 Solid: φ0.5~φ1.6mm Stranded: 0.08~1.25mm ² / AWG28~16		
Ambient temperature	-15 to + 60℃ *No freezing and condensations								
Relative humidity	45% to 85%								
Approval	—			—			UL [E113585], TÜV [R 02050884]		

COMMON Terminals

Screw type

Series	PCN7-COM			PCN-COM			PCA7-COM		
	 			 			 		
Description	Model name	No. of Poles	Weight	Model name	No. of Poles	Weight	Model name	No. of Poles	Weight
	① PCN7-COM201	10(+), 10(-)	72g	① PCN-COM201	10(+), 10(-)	76g	① PCA7-COM20	10(+), 10(-)	106g
	② PCN7-COM201N	20(-)	72g	② PCN-COM201N	20(-)	77g	② PCA7-COM20N	20(-)	106g
	③ PCN7-COM201P	20(+)	72g	③ PCN-COM201P	20(+)	76g	③ PCA7-COM20P	20(+)	106g
				④ PCN-COM202	10(+) $\times$ 2, 10(-) $\times$ 2	134g	④ PCA7-COM34	17(+), 17(-)	172g
							⑤ PCA7-COM34N	34(-)	172g
							⑥ PCA7-COM34P	34(+)	172g
Drawing									
									
Name plate									
Rated voltage	AC, DC 125V								
Rated current	10A								
Insulation resistance	100M Ω or more (DC500V)								
Withstand voltage	AC500V/min								
Applicable wire	1.25mm ² /MAX								
Terminal Screw	M3 $\times$ 9.5L *Tightening torque: 1.2N $\cdot$ m						M3 $\times$ 6L *Tightening torque: 0.8N $\cdot$ m		
Crimp terminal	Spade(Y)						Spade(Y) / Circular(R)		
Ambient temperature	-15 to + 60 $^{\circ}$ C *No freezing and condensations								
Relative humidity	45% to 85%								
Approval	UL [E113585], TÜV [R 02050884]								

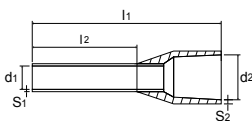
Accessories

【Ferrule】

◆ TA□0.5-10GY-□

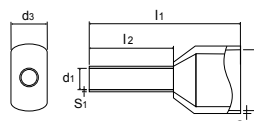
• W : Twin type
 • GB : GB type (for wires with thick insulation)
 • Color
 • Sleeve length (mm)
 • Electric wire cross section (mm²)

• TA



• TAW (Twin ferrule)

*To crimp two equally sized wires in one ferrule



Sales Lot(pcs/pkg.) : 100pcs
 Material:CU-DHP(Sleeve)
 Polypropylene(Collar)
 Max. Temp.: 105°C

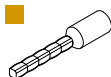
Model name	Compatible Series			Electric wire cross section mm ² *() JIS / AWG	Color	clr. code	l1	l2	d1	S1	d2	d3	S2
	PCX	PCV5	PCW										
TA0.14-8GY	●			0.14 / 26	Gray	D/W	12	8	0.8	0.15	1.9	0.3	
TA0.25-8BU	●	●		0.25 / 26-24	Blue	W	12	8	0.8	0.15	1.9	0.3	
TA0.25-8YE	●	●		0.25 / 26-24	Yellow	D	12	8	0.8	0.15	1.9	0.3	
TA0.25-10YE	●	●		0.25 / 26-24	Yellow	D	14	10	0.8	0.15	1.9	0.3	
TA0.25-12BU	●		●	0.25 / 26-24	Blue	W	16	12	0.8	0.15	1.9	0.3	
TA0.34-8TQ	●	●		0.34 / 24-22	Turquoise	D/W	12	8	0.8	0.15	1.9	0.3	
TA0.34-10TQ	●	●		0.34 / 24-22	Turquoise	D/W	14	10	0.8	0.15	1.9	0.3	
TA0.34-12TQ	●		●	0.34 / 24-22	Turquoise	D/W	16	12	0.8	0.15	1.9	0.3	
TA0.5-8WH	●	●		0.5 (0.5) / 20	White	D	14	8	1.1	0.15	2.4	0.3	
TA0.5-8WH-GB		●		0.5 (0.5) / 20	White	D	14	8	1.1	0.15	2.9	0.3	
TA0.5-10WH	●	●	●	0.5 (0.5) / 20	White	D	16	10	1.1	0.15	2.4	0.3	
TA0.5-10WH-GB		●	●	0.5 (0.5) / 20	White	D	16	10	1.1	0.15	2.9	0.3	
TA0.5-10OG	●	●	●	0.5 (0.5) / 20	Orange	W	16	10	1.1	0.15	2.4	0.3	
TA0.5-12WH	●			0.5 (0.5) / 20	White	D	18	12	1.1	0.15	2.4	0.3	
TA0.75-8GY	●	●		0.75 (0.75) / 20-18	Gray	D	14	8	1.3	0.15	2.7	0.3	
TA0.75-10WH	●	●	●	0.75 (0.75) / 20-18	White	W	16	10	1.3	0.15	2.7	0.3	
TA0.75-10GY	●	●	●	0.75 (0.75) / 20-18	Gray	D	16	10	1.3	0.15	2.7	0.3	
TA0.75-10GY-GB			●	0.75 (0.75) / 20-18	Gray	D	16	10	1.3	0.15	3.3	0.3	
TA0.75-12GY	●			0.75 (0.75) / 20-18	Gray	D	18	12	1.3	0.15	2.7	0.3	
TA1-8RD		●		1 / 18	Red	D	14	8	1.5	0.15	2.9	0.3	
TA1-10YE		●	●	1 / 18	Yellow	W	16	10	1.5	0.15	2.9	0.3	
TA1-10RD		●	●	1 / 18	Red	D	16	10	1.5	0.15	2.9	0.3	
TA1-10RD-GB			●	1 / 18	Red	D	16	10	1.5	0.15	3.3	0.3	
TA1.5-10BK			●	1.5 (1.25) / 16	Black	D	16.5	10	1.8	0.15	3.3	0.3	
TA1.5-10BK-GB			●	1.5 (1.25) / 16	Black	D	16	10	1.8	0.15	3.7	0.3	
TA1.5-10RD			●	1.5 (1.25) / 16	Red	W	16.5	10	1.8	0.15	3.3	0.3	
TA2.08-10YE			●	2.08 (2) / 14	Yellow	-	16.5	10	2.05	0.15	3.5	0.3	
TA2.5-10BU			●	2.5 (2) / 14	Blue	D/W	17	10	2.3	0.15	4.1	0.3	
TAW0.5-10WH			●	2x0.5 (2x0.5) / 2x20	White	D	15	8	1.5	0.15	4.6	2.4	0.3

【Crimping Pliers for Ferrules】

◆ TA-540

Sales Lot: 1pc / Weight: 420g

Crimped figure



- Wide crimping range: 0.14-16mm² / AWG26-5
- Ratchet devices allow stable high quality of operation.
- Ergonomically designed handles.

【Stopper】

◆ HDV-1



Material: SPCC
 Sales Lot: 100pcs
 Weight: 18g
 W×H×D(mm): 8.5 × 45 × 18

◆ SDV-1



Material: PA66 (UL94V-0)
 Sales Lot: 50pcs
 Weight: 4g
 W×H×D(mm): 6 × 43.5 × 19.4

【Flat head screw driver】

*If use screwdrivers other than the ones below, use the screwdrivers comply with DIN5264.

◆ VT5-0

Sales Lot: 1pc / Weight: 40g

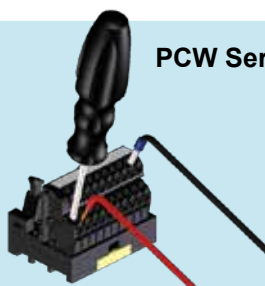


◆ VT5-1

Sales Lot: 1pc / Weight: 43g



PCW Series



Insert the tool (VT5-1 or equivalent) all the way to the bottom. The tool is held in place while the spring is unlocked. You can use both hands to perform the wire connection work.

WARNING

Do not touch the terminals while the power supply voltage is being applied. Electrical shock may occur.

Do not use where flammable or corrosive gases are generated. A fire hazard may occur.

CAUTION

The following risks may occur: electric shock, abnormal heat generation, ignition or burns.

Wiring, maintenance and inspection should only be carried out after switching off the input-side circuit breaker and checking that there is no electricity.

For connecting wires, use wire sizes and crimp terminals applicable to the rating of the product. Select a connector suitable for the product specifications.

The tightening torque of the terminal screws should be in accordance with the torque value for the size.

The terminal screws should be retightened regularly.

Avoid use in abnormal environments such as high temperatures, high humidity, dust, corrosive gases and vibration shock.

BEFORE PURCHASE

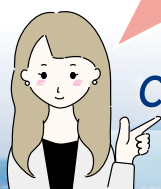
- Product designs and specs may change without notice.
- Product color may slightly differ from this catalog.
- Please contact us for the product details and drawings.

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Direct shipping from the factory



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info-en@togi.co.jp
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3000-25-05

