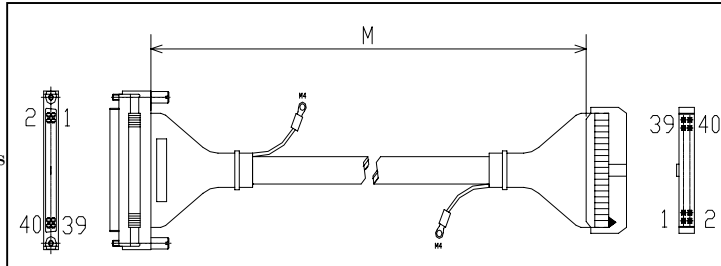


CROSS REFERENCE GUIDE for HITACHI PLC

We have selection of two types of cable that is **KB40S-4F1H-#M** and **F7J40-28SV-#M** which either models can be used for three types of Interface Terminals.
To select the suitable Cables and Interface Terminals, please refer to the following drawings.

TOGI Cable : KB40S-4F1H-#M

**HITACHI
PLC module**
FCN36 CONNECTOR/40Ps



TOGI Interface
PCN-1H40
PCN7-1H40
PCV5-1H402
MIL CONNECTOR/40Ps

Normal terminal size with 7.62mm pitch



PCN-1H40

Small size terminal with 7mm pitch



PCN7-1H40

Spring lock type



PCV5-1H402

| EH-150EHV & HE-150 SERIES | | | | TOYOGIKEN PRODUCTS | |
|---------------------------|-----|--------|------------------------|--------------------|-------------------------------------|
| I/O MODULE | I/O | POINTS | MOUNTING CONNECTER | CABLE | INTERFACE |
| EH-XD32 | IN | 32 | FCN36 CONNECTOR/40Ps | KB40S-4F1H-#M | PCN-1H40 PCN7-1H40 PCV5-1H402 |
| EH-XD64 | IN | 64 | FCN36 CONNECTOR/40Ps×2 | | |
| EH-YT32 | OUT | 32 | FCN36 CONNECTOR/40Ps | | |
| EH-YT64 | OUT | 64 | FCN36 CONNECTOR/40Ps×2 | | |
| EH-YTP32 | OUT | 32 | FCN36 CONNECTOR/40Ps | | |
| EH-YTP64 | OUT | 64 | FCN36 CONNECTOR/40Ps×2 | | |

| H8Q SERIES | | | | TOYOGIKEN PRODUCTS | |
|------------|-----|--------|------------------------|--------------------|-------------------------------------|
| I/O MODULE | I/O | POINTS | MOUNTING CONNECTER | CABLE | INTERFACE |
| H8QX41 | IN | 32 | FCN36 CONNECTOR/40Ps | KB40S-4F1H-#M | PCN-1H40 PCN7-1H40 PCV5-1H402 |
| H8QX42 | IN | 32 | FCN36 CONNECTOR/40Ps | | |
| H8QX81 | IN | 64 | FCN36 CONNECTOR/40Ps×2 | | |
| H8QY41 | OUT | 32 | FCN36 CONNECTOR/40Ps | | |
| H8QY42 | OUT | 32 | FCN36 CONNECTOR/40Ps | | |
| H8QY81 | OUT | 64 | FCN36 CONNECTOR/40Ps×2 | | |

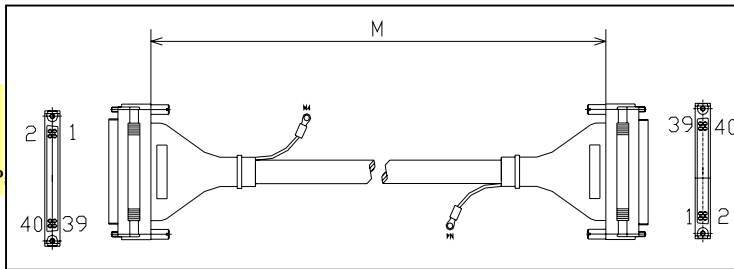
| H-200 / 250 / 250 SERIES | | | | TOYOGIKEN PRODUCTS | |
|--------------------------|-----|--------|----------------------|--------------------|-------------------------------------|
| I/O MODULE | I/O | POINTS | MOUNTING CONNECTER | CABLE | INTERFACE |
| PIH-DM | IN | 32 | FCN36 CONNECTOR/40Ps | KB40S-4F1H-#M | PCN-1H40 PCN7-1H40 PCV5-1H402 |
| POM-TM | OUT | 32 | FCN36 CONNECTOR/40Ps | | |
| | | | | | |

| H-302 / 702 / 1002 //2002 / 4010 SERIES | | | | TOYOGIKEN PRODUCTS | |
|---|-----|--------|------------------------|--------------------|-------------------------------------|
| I/O MODULE | I/O | POINTS | MOUNTING CONNECTER | CABLE | INTERFACE |
| XDC12D3H | IN | 64 | FCN36 CONNECTOR/40Ps×2 | KB40S-4F1H-#M | PCN-1H40 PCN7-1H40 PCV5-1H402 |
| XD24D3H | IN | 64 | FCN36 CONNECTOR/40Ps×2 | | |
| YTR24D3H | OUT | 64 | FCN36 CONNECTOR/40Ps×2 | | |
| YTRS24DH | OUT | 64 | FCN36 CONNECTOR/40Ps×2 | | |

| S10mini SERIES | | | | TOYOGIKEN PRODUCTS | |
|----------------|--------|--------|------------------------|--------------------|-------------------------------------|
| I/O MODULE | I/O | POINTS | MOUNTING CONNECTER | CABLE | INTERFACE |
| LQX300 | IN | 32 | FCN36 CONNECTOR/40Ps | KB40S-4F1H-#M | PCN-1H40 PCN7-1H40 PCV5-1H402 |
| LQX350 | IN | 64 | FCN36 CONNECTOR/40Ps×2 | | |
| LQY300 | OUT | 32 | FCN36 CONNECTOR/40Ps | | |
| LQY350 | OUT | 64 | FCN36 CONNECTOR/40Ps×2 | | |
| LQZ300 | IN/OUT | 32/32 | FCN36 CONNECTOR/40Ps×2 | | |

TOGI Cable : F 7J40-28SV-#M

HITACHI
PLC module
FCN36 CONNECTOR/40P



TOGI Interface
PCN-4F40
PCN7-4F40
PCV5-4F402
FCN36 CONNECTOR/40Ps

Normal terminal size with 7.62mm pitch



PCN-4F40

Small size terminal with 7mm pitch



PCN7-4F40

Spring lock type



PCV5-4F402

| EH-150EHV & HE-150 SERIES | | | | TOYOGIKEN PRODUCTS | |
|---------------------------|-----|--------|------------------------|--------------------|-------------------------------------|
| I/O MODULE | I/O | POINTS | MOUNTING CONNECTER | CABLE | INTERFACE |
| EH-XD32 | IN | 32 | FCN36 CONNECTOR/40Ps | F 7J40-28SV-#M | PCN-4F40 PCN7-4F40 PCV5-4F402 |
| EH-XD64 | IN | 64 | FCN36 CONNECTOR/40Ps×2 | | |
| EH-YT32 | OUT | 32 | FCN36 CONNECTOR/40Ps | | |
| EH-YT64 | OUT | 64 | FCN36 CONNECTOR/40Ps×2 | | |
| EH-YTP32 | OUT | 32 | FCN36 CONNECTOR/40Ps | | |
| EH-YTP64 | OUT | 64 | FCN36 CONNECTOR/40Ps×2 | | |

| H8Q SERIES | | | | TOYOGIKEN PRODUCTS | |
|------------|-----|--------|------------------------|--------------------|-------------------------------------|
| I/O MODULE | I/O | POINTS | MOUNTING CONNECTER | CABLE | INTERFACE |
| H8QX41 | IN | 32 | FCN36 CONNECTOR/40Ps | F 7J40-28SV-#M | PCN-4F40 PCN7-4F40 PCV5-4F402 |
| H8QX42 | IN | 32 | FCN36 CONNECTOR/40Ps | | |
| H8QX81 | IN | 64 | FCN36 CONNECTOR/40Ps×2 | | |
| H8QY41 | OUT | 32 | FCN36 CONNECTOR/40Ps | | |
| H8QY42 | OUT | 32 | FCN36 CONNECTOR/40Ps | | |
| H8QY81 | OUT | 64 | FCN36 CONNECTOR/40Ps×2 | | |

| H-200 / 250 / 250 SERIES | | | | TOYOGIKEN PRODUCTS | |
|--------------------------|-----|--------|----------------------|--------------------|-------------------------------------|
| I/O MODULE | I/O | POINTS | MOUNTING CONNECTER | CABLE | INTERFACE |
| PIH-DM | IN | 32 | FCN36 CONNECTOR/40Ps | F 7J40-28SV-#M | PCN-4F40 PCN7-4F40 PCV5-4F402 |
| POM-TM | OUT | 32 | FCN36 CONNECTOR/40Ps | | |
| | | | | | |

| H-302 / 702 / 1002 //2002 / 4010 SERIES | | | | TOYOGIKEN PRODUCTS | |
|---|-----|--------|------------------------|--------------------|-------------------------------------|
| I/O MODULE | I/O | POINTS | MOUNTING CONNECTER | CABLE | INTERFACE |
| XDC12D3H | IN | 64 | FCN36 CONNECTOR/40Ps×2 | F 7J40-28SV-#M | PCN-4F40 PCN7-4F40 PCV5-4F402 |
| XD24D3H | IN | 64 | FCN36 CONNECTOR/40Ps×2 | | |
| YTR24D3H | OUT | 64 | FCN36 CONNECTOR/40Ps×2 | | |
| YTRS24DH | OUT | 64 | FCN36 CONNECTOR/40Ps×2 | | |

| S10mini SERIES | | | | TOYOGIKEN PRODUCTS | |
|----------------|--------|--------|------------------------|--------------------|-------------------------------------|
| I/O MODULE | I/O | POINTS | MOUNTING CONNECTER | CABLE | INTERFACE |
| LQX300 | IN | 32 | FCN36 CONNECTOR/40Ps | F 7J40-28SV-#M | PCN-4F40 PCN7-4F40 PCV5-4F402 |
| LQX350 | IN | 64 | FCN36 CONNECTOR/40Ps×2 | | |
| LQY300 | OUT | 32 | FCN36 CONNECTOR/40Ps | | |
| LQY350 | OUT | 64 | FCN36 CONNECTOR/40Ps×2 | | |
| LQZ300 | IN/OUT | 32/32 | FCN36 CONNECTOR/40Ps×2 | | |

: Cable length

| | |
|------------|----------|
| 0.5 : 0.5m | 2 : 2.0m |
| 1 : 1.0m | 3 : 3.0m |
| 1.5 : 1.5m | 5 : 5.0m |