

# Monitoring & Control Cross-System Function

CONNECTOR  
SELECTOR



HRS HIROSE ELECTRIC CO., LTD.

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## PDU (Power Distribution Unit: Low Voltage/Middle Voltage)

### Remote control/wired communication network

#### Robust



CX Series  
USB type-C, 20Gbps

#### Space Saving



IX Series  
Cat6A, waterproof

#### RF/Coax



U.FL(A) Series  
Up to 18GHz

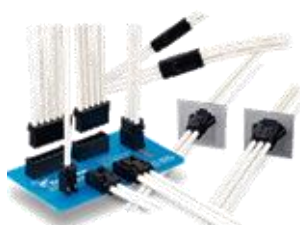
### Internal connectors for power, signal, displays & lights

#### 65A/pin, Compact



DF60 Series  
P=10.16mm, AWG8-12

#### Busbar option



DF63 Series  
P=3.96mm, AWG16-22

#### Positive lock



DF51/51K Series  
P=2.0mm, AWG22-30

#### Low profile



FH34 Series  
P=0.5mm, H=1.0



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## UPS System

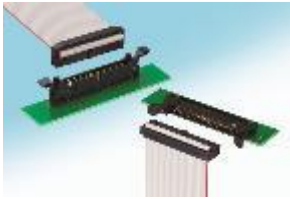
### Display and other HMI

Low profile



FH34 Series  
P=0.5mm, H=1.0

Low profile



HIF3\*W Series  
P=2.54mm, AWG28

### Wireless/Wired Network Communication

Robust



CX Series  
USB type-C, 20Gbps

Space Saving



IX Series  
Cat6A, waterproof

Coax



U.FL(A) Series  
Up to 18GHz



### Controller & modules (fans, sensors & etc.)

Wide Variation



DF11 Series  
P=2.0mm, AWG22-30

Positive lock



DF51/51K Series  
P=2.0mm, AWG22-30

Slim, IP67



DF62/DF62W Series  
P=2.2mm, AWG20-26

Wide Variation



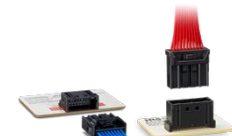
DF40 Series  
P=0.4mm, H=1.5-7.0mm

1,000 V ACDC



ZG05HV Series  
P=3.3mm, AWG22-24

Short-Circuit  
prevention design



ZE05 Series  
P=2.0mm, AWG22-26

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## Switchgear



## Controller and modules (fans, sensors & etc.)

### Wide Variation



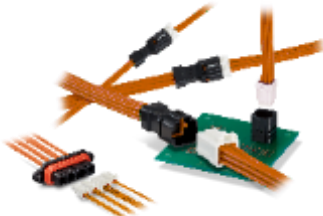
DF11 Series  
P=2.0mm, AWG22-30

### Positive lock



DF51/51K Series  
P=2.0mm, AWG22-30

### Slim, IP67



DF62/DF62W Series  
P=2.2mm, AWG20-26

### Wide Variation



DF40 Series  
P=0.4mm, H=1.5-7.0mm

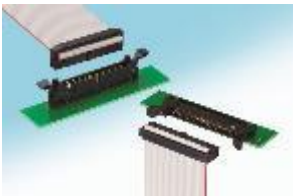
## Display & other HMI

### Low profile



FH34 Series  
P=0.5mm, H=1.0

### Low profile



HIF3\*W Series  
P=2.54mm, AWG28

## Wireless/Wired Network Communication

### Robust



CX Series  
USB type-C, 20Gbps

### Space Saving



IX Series  
Cat6A, waterproof

### Coax

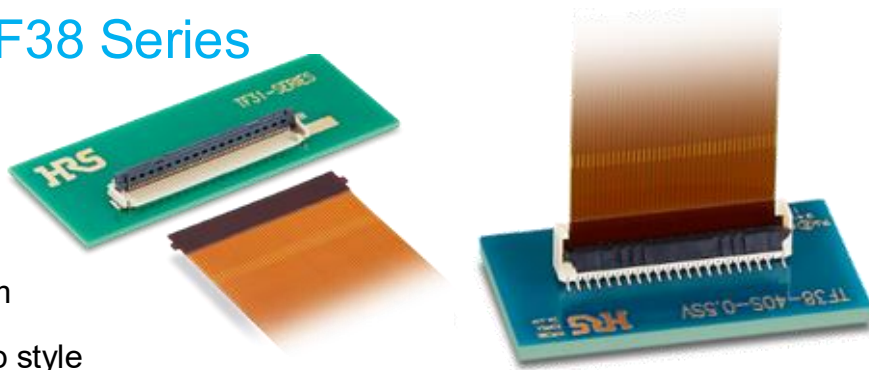


U.FL(A) Series  
Up to 18GHz

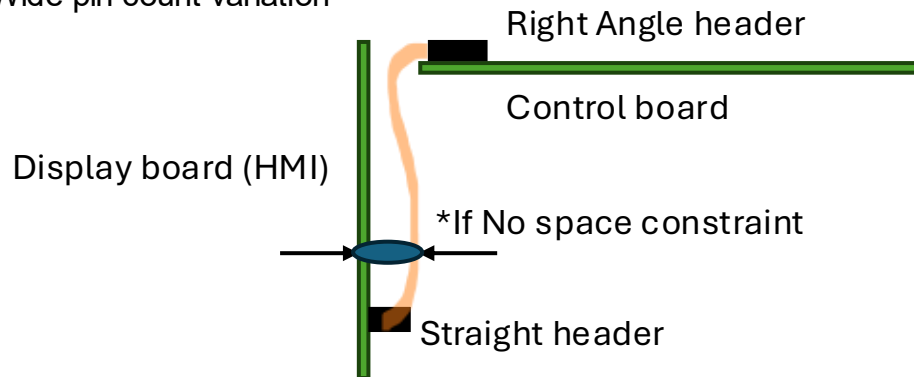
# HMI & Control board

UPS/PDU/Switchgear/Transformer

## TF31 & TF38 Series



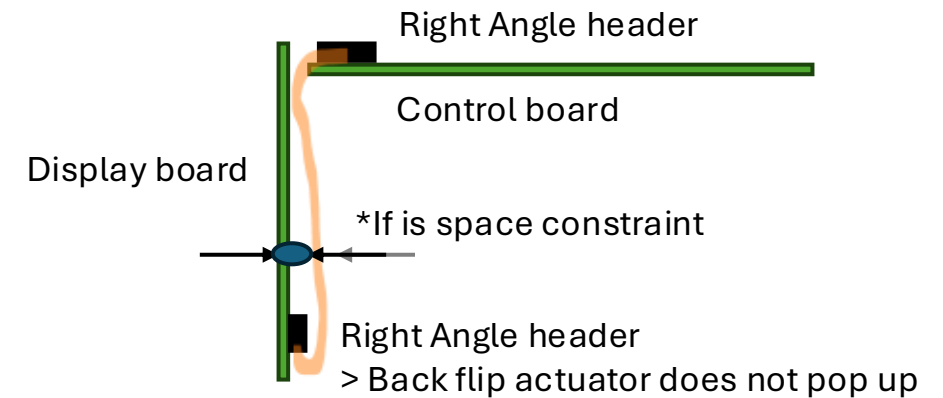
- P=0.5mm
- Front Flip style
- Cost competitive
- Wide pin count variation



## FH34 Series



- P=0.5mm
- Back Flip style
- Low profile (H=1.0mm)
- High Retention



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