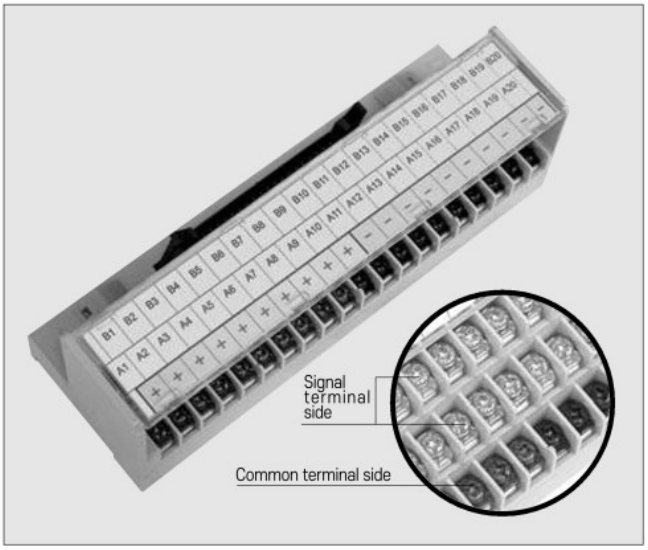
TG7-C Series (Common integrated terminal block)

Common integrated type, standard 32P input/output interface terminal block



■ Feature

Common integrated terminal block with improved cost reduction and convenience by mounting 20 pole terminal for common on the 40 pole interface terminal block

- Reduced panel enclosure cost due to reduced panel installation area
- Reduced labor costs due to no need to assemble a separate common terminal block
- Reduced part costs due to no need to purchase a separate common terminal block
- Same electrical specifications as 7.0mm pitch
  The size of the terminal block bolt and nut(pin) is the same as our product XTB-40H

■ Model configuration

TG7 – 1H40 CA – □

❶ ❷ ❸ ❹

❶ 7.0mm pitch, smallest interface terminal block
❷ Applicable connector specifications and number of terminal poles
❸ Common terminal configuration
❹ Applicable terminal bolt

■ Model select

Model		Pole	Common terminal configuration	Mounting connector model	Cable side connector model	Dimension (W*D mm)	Mounting method
For "Y" terminal	For "O" terminal						
TG7-1H40CA	TG7-1H40CA-O	40 (I/O) 20 (COM)	Left 10P+/Right 10P-Common	HIF3BA-40PA-2.54DSA	HIF3BA-40D-2.54R	149.0 * 50.0	Screw fastening/ DIN Rail (Channel)
				XG4A-4031	XG4M-4030		
TG7-1H40CB	TG7-1H40CB-O		No common (20P Short bar built-in)	HIF3BA-40PA-2.54DSA	HIF3BA-40D-2.54R		
				XG4A-4031	XG4M-4030		
TG7-4F40CA	TG7-4F40CA-O		Left 10P+/Right 10P-Common	FCN-364P040-AU	FCN-367J040-AU		
				1747053-1	1903404-1		
TG7-4F40CB	TG7-4F40CB-O		No common (20P Short bar built-in)	FCN-364P040-AU	FCN-367J040-AU		
				1747053-1	1903404-1		

※ Mounting connectors are compatible products and are subject to change without notice.

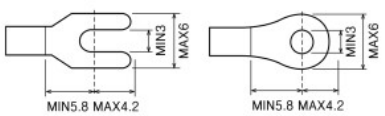
■ General specification

Rated voltage		125V AC / 24V DC
Rated current	IO	1A
	Common	10A (Total)
Insulation resistance		100MΩ or more (DC 500V)
Withstand voltage		AC500V 1min
Suitable wire		AWG22~16 (1.5㎟/MAX)
Terminal screw		M3 × 10L
Screw torque		7~8Kgf·㎝ (0.68~0.78N·m)
Ambient temperature		-10℃ ~ +50℃ (No condensation)

■ Material

Terminal block, cover	Modified PPO
Protection cover	Polycarbonate
Board	Epoxy 1.6t

■ Applicable crimp terminal specifications



■ Applicable cable specifications

For connection cables between various PLCs and our I/O LINK terminal block, please refer to [List of I/O cables by PLC].
The application of TG7-1H40C is the same as that of our product XTB-40H.