

# Product Range Overview

Cable Joiner

Sub-Series Name	FICX I Tube (11)	FICX I Tube (12)	FICX XI Tube (13)	FICX T Tube (T2)
Mating Style	Screw Thread	Screw Thread	Screw Thread	Screw Thread
Plastic Version	✓	✓	✓	✓
No. of Contacts	2 ~ 5	2 ~ 5	2 ~ 5	2 ~ 5
Plating of Contacts	Nickel Plated	Nickel Plated	Nickel Plated	Nickel Plated
Operating Voltage	Non- UL: 450V AC/DC UL: 600V AC/DC			
Current Rating	16A ~ 20A	8A ~ 20A	8A ~ 20A	10A ~ 20A
Operating Temperature	-40°C ~ 105°C			
Field Installable	✓	✓	✓	✓
Applicable Wire Gauge	20 ~ 12AWG (0.5 ~ 2.5mm <sup>2</sup> )	20 ~ 12AWG (0.5 ~ 2.5mm <sup>2</sup> )	18 ~ 14AWG (0.75 ~ 2.5mm <sup>2</sup> )	18 ~ 14AWG (0.75 ~ 2.5mm <sup>2</sup> )
IP Rating	Field Installable: IP68 (Mated, 50M / 24h)			
UV Resistant	✓	✓	✓	✓
Flammability Rating	UL94V-0	UL94V-0	UL94V-0	UL94V-0
RoHS 2.0 Compliant	✓	✓	✓	✓
REACH Compliant	✓	✓	✓	✓
Certificates	UL2238, UL50e	UL2238, UL50e	UL2238, UL50e	UL2238, UL50e

Product Image																
Assembly Type	Screw Type	Screw Type	End Barrier Screw Type	End Barrier Screw Type												
Sub-series	FICX I Tube (11)	FICX T Tube (T2)	FICX I Tube (12)	FICX XI Tube (13)												
Part Number	SC-L-① 11-②-③	SC-L-① T2-②-③	SC-L-① 12-②-③	SC-L-① 13-②-③												
① Voltage Rating	UL: 600V AC/DC (UL Certified) PG: 450V AC/DC (TUV conformed)															
② No. of Pins	02	03	04	05	02	03	04	05	02	03	04	05	02	03	04	05
Current Rating (A)	20	20	20	16	20	20	15	10	20	20	15	8	20	20	15	8
Wire Section	2 ~ 4 Pin: 18 ~ 12 AWG / 0.75 ~ 2.5mm <sup>2</sup> 5 Pin: 20 ~ 16 AWG / 0.5 ~ 1.0mm <sup>2</sup>								2 ~ 4 Pin: 18 ~ 12 AWG / 0.75 ~ 2.5mm <sup>2</sup> 5 Pin: 18 ~ 14 AWG / 0.75 ~ 2.5mm <sup>2</sup>							
③ Cable O.D. (Seal Color)	(BL) 4.5 ~ 6.5mm (YW) 6.6 ~ 8.5mm (GN) 8.6 ~ 10.5mm (RD) 10.6 ~ 12.5mm (AA) All Seals								(BL) 4.5 ~ 6.5mm (YW) 6.6 ~ 8.5mm (GN) 8.6 ~ 10.5mm (RD) 10.6 ~ 11.5mm (AA) All Seals							
Operating Temperature	-40°C ~ 105°C															
Waterproof Rating	IP68 (50M / 24h)															

(Unit: mm)