Stripping tools, Crimping tools & Ferrules

For efficient wiring of Push-in products

IDEC CORPORATION

IDEC provides various tools for Push-in products

High-quality, practical tools for a variety of applications help to simplify and streamline wire processing and improve long-term productivity.

Stripping tool
The ergonomic design allows for comfortable wire stripping with light force.
S3TL-ST06 are designed for stripping wires from 0.08 to 6 mm² and S3TL-ST16 for 6 to 16 mm²

Ferrurle
UL 486F certified when used together with S3TL series crimping tools.

IDEC Push-in products

IDEC offers a wide range of push-in products in control panels.

ø22 switches & pilot lights
HW/CW series
ø22 HW and CW series Push-in types available.
Reduces wiring and retightening of screws

ø22 smart RFID reader
KW2D
Mounts on ø22mm panel-cut out. Dust- and waterproof. Supports EtherNet communication.

Relay socket
SU/SJ series
Socket for RU/RJ series. High-quality, high-capacity timers and force-guided relays can also be used.

Crimping tool

Equipped with a ratchet function that does not release until the fully gripped, reducing difference in work quality and errors. The crimping process can be performed with light force, reducing the burden on the operator.

Insulated screwdriver

IEC60900:2004 and VDE certified insulated screw driver with insulation of up to 1000V AC and 1500V DC. Provides protection against electric shock for safe use.

Safety relay module

HR5S

Safety measures for low risk machines. Category 2 safety relay module.

Programmable controller

FC6A

Supports a variety of IoT functions and FA communications in a compact package. Easy remote monitoring.

Switching power supply

PS3V

Highly efficient switching power supply ideal for downsizing of equipment.

Available around May 2021

Wire processing and connection methods at a glance

Required parts and tools

Marker tube	Ferrule	Stripping tool	Crimping tool	Flat screwdriver

Wire processing procedure

1
Inserting the marker tube

Marker tube

2
Strip the wire insulation
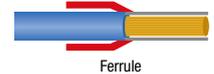
Stripping tool

Strip the wire insulation

3
Attaching the ferrule

Ferrule

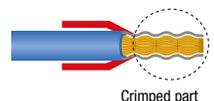Insert stranded wire to the terminal

Ferrule

4
Crimping (swaging)

Crimping tool

Crimp with a dedicated tool

Crimped part

Wiring process example

Complete	Incorrect example				5
0 to 0.5mm	Ferrule is not fully inserted	Insufficient stripping	Crimp location is not correct	Ferrule is damaged	Loose wiring

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STEP 2
Wiring

Simple wiring steps

Wiring using ferrule or solid wire

1

Test point
Pusher
Wire port
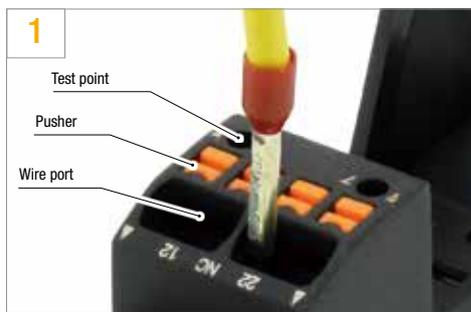
Push the wire straight in as far as it will go.

2

Wiring is complete.
Pull lightly to make sure it is firmly in place.

Wiring using stranded wire

Simple wiring steps

1

Hold down the pusher with a flat-blade screwdriver.

2

While holding down the pusher, insert the wire to the back of the wire port.

3

Release the flat-blade screwdriver. Connection is completed. Pull lightly to make sure it is firmly in place.

STEP 3
Removing

Removing the wiring

1

Push the pusher using a flat blade screwdriver.

2

While holding down the pusher, remove the wire.

3

Release the flat-blade screwdriver.

S3TL Push-in Tool/Ferrule

Stripping tool

Name / Shape	Part no. (Ordering no.)	Stripping performance			Cutting capacity	Tool (main body)	
		Wire type	Min./Max wire cross-section	Max. stripping length	Wire cross-section	Length	Weight
	S3TL-ST06	PVC-insulated thin stranded and solid wires	0.08 to 6mm²	0 to 20mm	6mm²	0 to 190mm	155g
	S3TL-ST16	PVC-insulated thin stranded and solid wires	6 to 16mm²	0 to 20mm	6mm²	0 to 190mm	155g

Crimping tool

Name / Shape	Part no. (Ordering no.)	Type of contact	Crimping range (mm²)	Crimping range details						Crimping shape	Tool (main body)	
				Crimping range (position 1 to 5)	1	2	3	4	5		Length	Weight
	S3TL-CR04T	Ferrules with and without insulated cover	0.5 to 4		0.5 to 4	–	–	–	–	Trapezoidal	0 to 200mm	387g
	S3TL-CR06D	Ferrules with and without insulated cover	0.25 to 6		0.25 to 0.5	0.75 to 1.5	2.5	4	6	Trapezoidal	0 to 200mm	419.7g
	S3TL-CR16D	Ferrules with and without insulated cover	6 to 16		6	10	16	–	–	Trapezoidal	0 to 200mm	415.9g

Insulated screwdriver

Name / Shape	Part no. (Ordering no.)	Blade size				Blade shape	
		Dimensions in mm.	a	b	c		
	S3TL-D04-20-60		0.4	2	60		A
	S3TL-D04-25-75		0.4	2.5	75		A
	S3TL-D06-35-100	Blade size	0.6	3.5	100	Blade shape	B
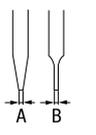
Part no. example

Stripping tool / Crimping tool

S3TL - **CR** **04** **T**

① Tool type
ST: Stripping tool
CR: Crimping tool

③ Crimping shape
T: Trapezoidal
D: Trapezoidal Indent
Blank: Stripping tool

② Applicable size (max.)
04: 4mm²
06: 6mm²
16: 16mm²

Insulated screwdriver

S3TL - **D** **04** - **20** - **60**

① Tool type
D: Insulated screwdriver

② Blade size (a)
04: 4mm
06: 6mm

④ Blade size (a)
60: 60mm
75: 75mm
100: 100mm

③ Blade size (b)
20: 2mm
25: 2.5mm
35: 3.5mm
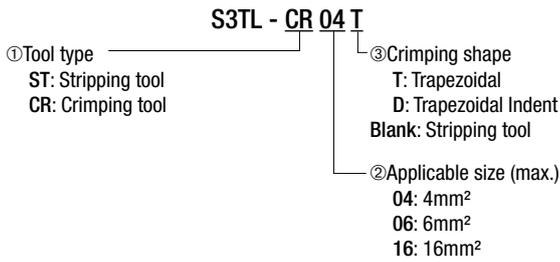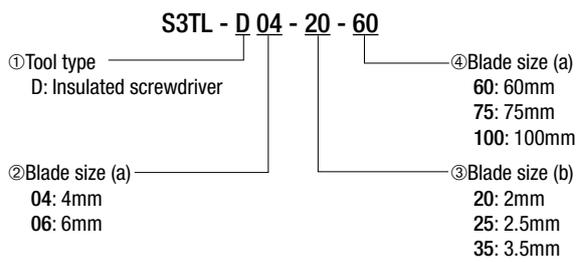
Applicable IDEC Push-in products   Tools selection table

Applicable IDEC Push-in products range	Wire cross-section (mm²)	Applicable wire cross-section range				
		Stripping tool		Crimping tool		
		S3TL-ST06	S3TL-ST16	S3TL-CR04T	S3TL-CR06D	S3TL-CR16D
	0.08	●	—	—	—	—
	0.14	●	—	—	—	—
	0.25	●	—	—	●	—
	0.5	●	—	●	●	—
	0.75	●	—	●	●	—
	1.5	●	—	●	●	—
	2.5	●	—	●	●	—
	4	●	—	●	●	—
	6	●	●	—	●	●
	8	—	●	—	—	●
	10	—	●	—	—	●
	12	—	●	—	—	●
	16	—	●	—	—	●

(Applicable IDEC Push-in products range column shows arrows labeled: HW/CW, SU/SJ, KW2D, HR5S, HR6S, FC6A, PS3V)
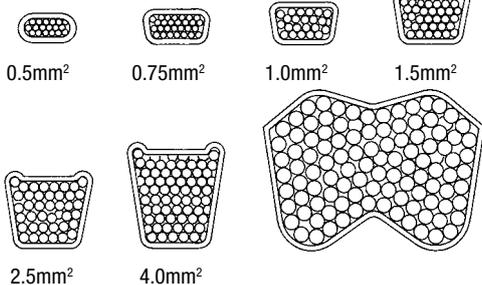
See page 10 to 11 for applicable ferrules

Instructions

Example of an optimum crimp of different cross-sections

1) Make sure that ferrule sleeve is completely filled by the conductor.
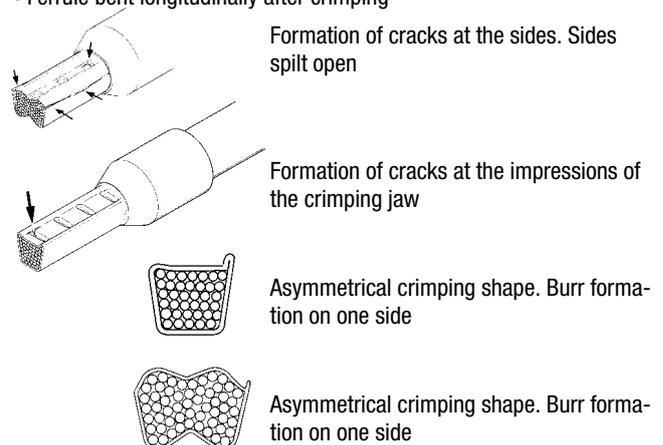2) The conductor should protrude approx. 0 to 0.5 mm from the ferrule sleeve.

Cross sectional view

0 to 0.5

Front view

0.5mm²   0.75mm²   1.0mm²   1.5mm²

2.5mm²   4.0mm²
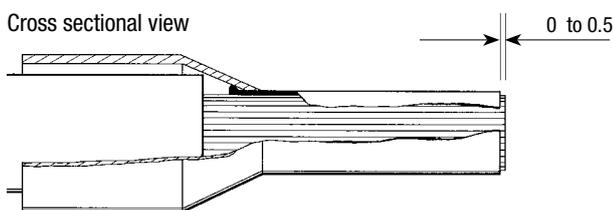
*) The crimping shape may differ from the illustration depending on the crimping tool in use.

Faults which can occur during crimping:

- Cracks along the sides and die impressions
- Splitting of the ferrules
- Asymmetrical crimping shape
- Extreme burrs formed along the sides
- Ferrule not filled by conductor
- Single conductors pushed back by protruding from the insulated cover
- Single conductors squeezed off
- Insulation cover damaged by the crimping jaw
- Conductor insulation not pushed into the insulated cover
- Ferrule bent longitudinally after crimping

Formation of cracks at the sides. Sides spilt open

Formation of cracks at the impressions of the crimping jaw

Asymmetrical crimping shape. Burr formation on one side

Asymmetrical crimping shape. Burr formation on one side

Ferrule

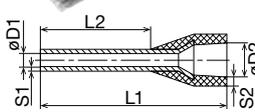### Ferrule with insulated cover Standard pack (for two wire) / Weidmüller color code ferrule insulated cover

Name / Shape / Remarks	Part no. (Ordering no.)	Wire cross-section (mm²)	AWG	L1	L2	D1	D2	S1	S2	Max. stripping length		Color	Package quantity
• Polypropylene conical entry funnel • Heat-resistant up to 105°C • For AWG 24 to 8 size wires • Material: Copper (Tin-plating / polypropylene) • Dimensional tolerance acc. to DIN 46228 Part 4	S3TL-H025-10WJ	0.25	24	10.00	6	0.8	1.8	0.15	0.25	8	●	Light blue	500
	S3TL-H025-12WJ	0.25	24	12.00	8	0.8	1.8	0.15	0.25	10	●	Light blue	500
	S3TL-H034-10WT	0.34	22	10.00	6	0.8	2	0.15	0.25	8	●	Turquoise	500
	S3TL-H034-12WT	0.34	22	12.00	8	0.8	2	0.15	0.25	10	●	Turquoise	500
	S3TL-H05-12WA	0.5	20	12.00	6	1	2.6	0.15	0.2	8	●	Orange	500
	S3TL-H05-14WA	0.5	20	14.00	8	1	2.6	0.15	0.2	10	●	Orange	500
	S3TL-H05-16WA	0.5	20	16.00	10	1	2.6	0.15	0.2	12	●	Orange	500
	S3TL-H05-18WA	0.5	20	18.00	12	1	2.6	0.15	0.2	14	●	Orange	500
	S3TL-H075-12WW	0.75	18	12.00	6	1.2	2.8	0.15	0.25	8	○	White	500
	S3TL-H075-14WW	0.75	18	14.00	8	1.2	2.8	0.15	0.25	10	○	White	500
	S3TL-H075-16WW	0.75	18	16.00	10	1.2	2.8	0.15	0.25	12	○	White	500
	S3TL-H075-18WW	0.75	18	18.00	12	1.2	2.8	0.15	0.25	14	○	White	500
	S3TL-H10-12WY	1	17	12.00	6	1.4	3	0.15	0.25	8	●	Yellow	500
	S3TL-H10-14WY	1	17	14.00	8	1.4	3	0.15	0.25	10	●	Yellow	500
	S3TL-H10-16WY	1	17	16.00	10	1.4	3	0.15	0.25	12	●	Yellow	500
	S3TL-H10-18WY	1	17	18.00	12	1.4	3	0.15	0.25	15	●	Yellow	500
	S3TL-H15-14WR	1.5	16	14.00	8	1.7	3.5	0.15	0.25	10	●	Red	500
	S3TL-H15-16WR	1.5	16	16.00	10	1.7	3.5	0.15	0.25	12	●	Red	500
	S3TL-H15-24WR	1.5	16	24.00	18	1.7	3.5	0.15	0.25	20	●	Red	500
	S3TL-H25-15DS	2.5	14	15.00	8	2.2	4.4	0.15	0.25	10	●	Blue	500
	S3TL-H25-19DS	2.5	14	19.00	12	2.2	4.2	0.15	0.25	14	●	Blue	500
	S3TL-H25-25DS	2.5	14	25.00	18	2.2	4.4	0.15	0.25	20	●	Blue	500
	S3TL-H40-18DC	4	12	18.00	10	2.8	4.8	0.2	0.3	12	●	Gray	500
	S3TL-H40-20DC	4	12	20.00	12	2.8	4.8	0.2	0.3	14	●	Gray	500
	S3TL-H40-26DC	4	12	26.00	18	2.8	4.8	0.2	0.3	20	●	Gray	100
	S3TL-H60-20WB	6	10	20.00	12	3.5	6.3	0.2	0.3	14	●	Black	100
	S3TL-H60-26WB	6	10	26.00	18	3.5	6.3	0.2	0.3	20	●	Black	100
	S3TL-H100-28WD	10	8	28.00	18	4.5	7.6	0.2	0.4	21	●	Ivory	100

*1) DIN46228-1, UL486F not applicable   (Note) L1, L2, D1, D2, S1, S2, stripping length: Dimensions in mm.
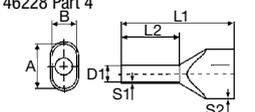
Ferrule with insulated cover Small pack (for two wire) / Weidmüller color code ferrule insulated cover

Name / Shape Remarks	Part no. (Ordering no.)	Wire cross-section (mm²)	AWG	L1	L2	D1	D2	S1	S2	Max. stripping length		Color	Package quantity
	S3TL-F014-10WC (*1)	0.14	26	10.00	6	0.6	1.5	0.15	0.25	8	●	Gray	500
	S3TL-F014-12WC	0.14	26	12.00	8	0.6	1.5	0.15	0.25	10	●	Gray	500

*1) DIN46228-1, UL486F not applicable   (Note) L1, L2, D1, D2, S1, S2, stripping length: Dimensions in mm.

Ferrule with insulated cover Standard pack (for two wire) / Weidmüller color code ferrule insulated cover

Name / Shape / Remarks	Part no. (Ordering no.)	Wire cross-section (mm²)	AWG	L1	L2	D1	S1	S2	A	B	Max. stripping length		Color	Package quantity
• Polypropylene conical entry funnel • Heat-resistant up to 105°C • Supports 2 pcs × 0.34 to 2 pcs × 1.5mm² (2pcs × AWG22 to 2 pcs × AWG16) (Use wires of the same cross section) • Material: Copper (Tin-plating / polypropylene) • Dimensional tolerance acc. to DIN 46228 Part 4	S3TL-J034-14WT	0.34	22	14.00	8	1.2	0.15	0.25	3.5	2	11	●	Turquoise	500
	S3TL-J05-14WA	0.5	20	14.00	8	1.4	0.15	0.3	5	3	11	●	Orange	500
	S3TL-J05-16WA	0.5	20	16.00	10	1.4	0.15	0.3	5	3	13	●	Orange	500
	S3TL-J05-18WA	0.5	20	18.00	12	1.4	0.15	0.3	5	3	15	●	Orange	500
	S3TL-J075-14WW	0.75	18	14.00	8	1.7	0.15	0.3	5.5	3	11	○	White	500
	S3TL-J075-16WW	0.75	18	16.00	10	1.7	0.15	0.3	5.5	3	13	○	White	500
	S3TL-J075-19WWS	0.75	18	19.00	12	1.7	0.15	0.3	5.5	3	21	○	White	500
	S3TL-J075-24WW	0.75	18	24.00	18	1.7	0.15	0.3	5.5	3	21	○	White	500
	S3TL-J10-15WY	1	17	15.00	8	2	0.15	0.3	5.8	3.2	11	●	Yellow	500
	S3TL-J10-15WYS (*1)	1	17	15.00	8	2.3	0.15	0.3	6.5	3.6	12	●	Yellow	500
	S3TL-J10-19WY	1	17	19.00	12	2	0.15	0.3	5.8	3.2	16	●	Yellow	500
	S3TL-J10-25WY	1	17	25.00	18	2	0.15	0.3	5.8	3.2	22	●	Yellow	500
	S3TL-J15-16WR	1.5	16	16.00	8	2.2	0.15	0.3	6.5	3.6	11	●	Red	500
	S3TL-J15-20WR	1.5	16	20.00	12	2.2	0.15	0.3	6.5	3.6	15	●	Red	500
	S3TL-J15-26WR	1.5	16	26.00	18	2.2	0.15	0.3	6.5	3.6	21	●	Red	100

*1) DIN46228-1, UL486F not applicable   (Note) L1, L2, D1, S1, S2, A, B, stripping length: Dimensions in mm.

IDEC

Ferrurle

Ferrule with insulated cover Standard pack (for single wire) / Weidmüller color code ferrule insulated cover

Name / Shape	Part no. (Ordering no.)	Wire cross-section (mm²)	Ferrule set content		Package size	
			Part no.	Package quantity	Height	Weight
Box (Single wire)	S3TL-B014-075W (*1)	0.14 to 0.75	S3TL-F014-10WC	30	92mm/25mm	46g
			S3TL-H025-10WJ	30		
			S3TL-H034-10WT	30		
			S3TL-H05-14WA	30		
			S3TL-H075-14WW	30		
Box (Single wire)	S3TL-B05-25W (*1)	0.5 to 2.5	S3TL-H05-14WA	100	92mm/40mm	93g
			S3TL-H075-14WW	100		
			S3TL-H10-14WY	50		
			S3TL-H15-14WR	100		
			S3TL-H25-15DS	50		
Box (Two-wire)	S3TL-E05-25W (*1)	0.5 to 2.5	S3TL-J05-14WA	50	92mm/40mm	93g
			S3TL-J075-14WW	50		
			S3TL-J10-15WY	50		
			S3TL-J15-16WR	50		
			S3TL-J25-19WS (*2)	20		

*1) DIN46228-1, UL486F not applicable

*2 Standard pack types not available

Part no. example

Ferrule

**S3TL - J 075 - 19 - W W S**

①Ferrule type
- H: Ferrule with insulated cover / Standard pack (for single wire)
- J: Ferrule with insulated cover / Standard pack (for two wire)
- F: Ferrule with insulated cover / Small pack (for single wire)
- B: Ferrule with insulated cover / Box (for single wire)
- E: Ferrule with insulated cover / Box (for single wire)

②Cross-section (mm²)
- 014: 0.14mm²   15: 1.5mm²
- 025: 0.25mm²   25: 2.5mm²
- 034: 0.34mm²   40: 4.0mm²
- 05: 0.5mm²   60: 6.0mm²
- 075: 0.75mm²   100: 10.0mm²
- 10: 1.0mm²

③L1 length (mm²): Ferrule standard pack/small pack
- 10: 10mm   16: 16mm   24: 24mm
- 12: 12mm   18: 18mm   25: 25mm
- 14: 14mm   19: 19mm   26: 26mm
- 15: 15mm   20: 20mm   28: 28mm
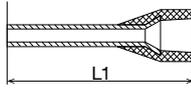
Cross-section (mm²) Box with ferrule
- 075: 0.75mm²
- 25: 2.5mm²

L1

⑥Special size
- S: Special size
- Blank: Standard size

⑤Insulated cover color
- A: Orange
- B: Blue
- G: Gray
- B: Black
- D: Ivory
- J: Light blue
- T: Turquoise
- W: White
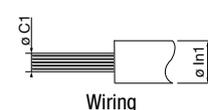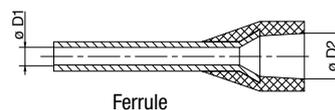- Y: Yellow
- R: Red
- Blank: Box with ferrule

Color code type
- W: Weidmüller color code
- D: DIN color code
- *) Select D for common colors

Selecting the appropriate ferrule for the wire

1) Check the outer diameter (øC1) of the wire conductor.
2) Check the inner diameter of the ferrule conductor (øD1) from the table on the right. (The inner diameter of the ferrule conductor øD1 must be larger than the diameter of the wire conductor øC1.)
3) Check the outer diameter of the wire insulation (øIn1).
4) Check the inner diameter of the ferrule insulated cover (øD2) from the table on the right. (The inner diameter of the ferrule insulated cover, øD2, should be 0.2mm larger than the outer diameter of the wire insulation, øIn1.

Wire conductor outer diameter øC1 (mm)	Applicable ferrule conductor inner diameter øD1 (mm)	Wire insulation outer diameter øIn1 (mm)	Applicable ferrule insulated cover inner diameterø D2 (mm)	Ferrule cross section (mm²)
0.8	1	up to 2.7	2.9	0.5
1	1.2	2.7 to 3.2	3.4	0.75
1.2	1.4	3.2 to 3.3	3.5	1
1.4	1.7	3.3 to 3.8	4.0	1.5
1.8	2.2	4.0	4.2	2.5

Ferrule

Wiring

IDEC Push-in products   Ferrule selection guide

Wire size and recommended ferrule

			ø22 switches & pilot lights	Smart RFID reader	Relay socket	Safety relay module	
			HW/CW	KW2D	SU/SJ	HR5S	HR6S
Ordering no. (Ferrule)	Applicable wire cross-section	Wiring					
S3TL-F014-12WC	AWG26 0.14mm²	For single wire	—	—	●	—	—
S3TL-H025-10WJ	AWG24 0.25mm²	For single wire	●	—	—	—	—
S3TL-H025-12WJ			● (*1)	●	●	●	—
S3TL-H034-10WT	AWG22 0.34mm²	For single wire	●	—	—	—	—
S3TL-H034-12WT			● (*1)	●	●	●	—
S3TL-H05-12WA	AWG20 0.5mm²	For single wire	●	—	—	—	—
S3TL-H05-14WA			● (*1)	●	●	●	—
S3TL-H05-16WA			●	—	●	—	—
S3TL-H05-18WA			—	—	—	—	●
S3TL-J05-14WA		For two wire	—	—	—	—	—
S3TL-J05-16WA			—	—	—	—	—
S3TL-J05-18WA			—	—	—	—	●
S3TL-H075-12WW	AWG18 0.75mm²	For single wire	●	—	—	—	—
S3TL-H075-14WW			●	●	●	●	—
S3TL-H075-16WW			●	—	●	—	—
S3TL-H075-18WW			—	—	—	—	●
S3TL-J075-14WW		For two wire	—	—	—	—	—
S3TL-J075-16WW			—	—	—	—	—
S3TL-J075-19WWS			—	—	—	—	●
S3TL-H10-12WY	AWG17 1.0mm²	For single wire	●	—	—	—	—
S3TL-H10-14WY			● (*1)	—	●	—	—
S3TL-H10-16WY			●	—	●	—	—
S3TL-H10-18WY			—	—	—	—	●
S3TL-J10-19WY		For two wire	—	—	—	—	●
S3TL-H15-14WR	AWG16 1.5mm²	For single wire	●	—	—	—	—
S3TL-H15-16WR			●	—	—	—	—
S3TL-J15-16WR		For two wire	—	—	—	—	—
S3TL-J15-20WR			—	—	—	—	●
S3TL-H25-19DS	AWG14 2.5mm²	For single wire	—	—	—	—	●
Ordering no. (Crimping/stripping tools, screwdriver)	Name						
S3TL-CR04T	Crimping tool		●	●	●	●	●
S3TL-CR06D	Crimping tool		●	●	●	●	●
S3TL-ST06	Stripping tool		●	●	●	●	●
S3TL-D04-20-60	Insulated screwdriver		●	—	—	●	—
S3TL-D04-25-75	Insulated screwdriver		●	●	●	●	—
S3TL-D06-35-100	Insulated screwdriver		—	—	—	—	●

Note) See each catalog for details.   *1) Ferrule for HW1Z illuminated/non-illuminated buzzer

The selection table is based on the specification of each product when choosing an IDEC Push-in product.

| FC6A Programmable controller | | | | | | | Switching power supply |
| Plus / All in One CPU module | | Expansion module, expansion interface module unibody type, expansion interface module slave type | | Expansion module master | HMI module | Cartridge | PS3V (Available Spring, 2021) |
Power supply terminal	Input / output / CAN terminal	3.81mm mounting centers	5.08mm mounting centers				
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Ordering Terms and Conditions

Thank you for using IDEC Products.

By purchasing products listed in our catalogs, datasheets, and the like (hereinafter referred to as "Catalogs") you agree to be bound by these terms and conditions. Please read and agree to the terms and conditions before placing your order.

1. Notes on contents of Catalogs

(1) Rated values, performance values, and specification values of IDEC products listed in this Catalog are values acquired under respective conditions in independent testing, and do not guarantee values gained in combined conditions.
Also, durability varies depending on the usage environment and usage conditions.

(2) Reference data and reference values listed in Catalogs are for reference purposes only, and do not guarantee that the product will always operate appropriately in that range.

(3) The specifications / appearance and accessories of IDEC products listed in Catalogs are subject to change or termination of sales without notice, for improvement or other reasons.

(4) The content of Catalogs is subject to change without notice.

2. Note on applications

(1) If using IDEC products in combination with other products, confirm the applicable laws / regulations and standards.
Also, confirm that IDEC products are compatible with your systems, machines, devices, and the like by using under the actual conditions. IDEC shall bear no liability whatsoever regarding the compatibility with IDEC products.

(2) The usage examples and application examples listed in Catalogs are for reference purposes only. Therefore, when introducing a product, confirm the performance and safety of the instruments, devices, and the like before use. Furthermore, regarding these examples, IDEC does not grant license to use IDEC products to you, and IDEC offers no warranties regarding the ownership of intellectual property rights or non-infringement upon the intellectual property rights of third parties.

(3) When using IDEC products, be cautious when implementing the following.
   i. Use of IDEC products with sufficient allowance for rating and performance
   ii. Safety design, including redundant design and malfunction prevention design that prevents other danger and damage even in the event that an IDEC product fails
   iii. Wiring and installation that ensures the IDEC product used in your system, machine, device, or the like can perform and function according to its specifications

(4) Continuing to use an IDEC product even after the performance has deteriorated can result in abnormal heat, smoke, fires, and the like due to insulation deterioration or the like. Perform periodic maintenance for IDEC products and the systems, machines, devices, and the like in which they are used.

(5) IDEC products are developed and manufactured as general-purpose products for general industrial products. They are not intended for use in the following applications, and in the event that you use an IDEC product for these applications, unless otherwise agreed upon between you and IDEC, IDEC shall provide no guarantees whatsoever regarding IDEC products.
   i. Use in applications that require a high degree of safety, including nuclear power control equipment, transportation equipment (railroads / airplanes / ships / vehicles / vehicle instruments, etc.), equipment for use in outer space, elevating equipment, medical instruments, safety devices, or any other equipment, instruments, or the like that could endanger life or human health
   ii. Use in applications that require a high degree of reliability, such as provision systems for gas / waterworks / electricity, etc., systems that operate continuously for 24 hours, and settlement systems
   iii. Use in applications where the product may be handled or used deviating from the specifications or conditions / environment listed in the Catalogs, such as equipment used outdoors or applications in environments subject to chemical pollution or electromagnetic interference
   If you would like to use IDEC products in the above applications, be sure to consult with an IDEC sales representative.

3. Inspections

We ask that you implement inspections for IDEC products you purchase without delay, as well as thoroughly keep in mind management/maintenance regarding handling of the product before and during the inspection.

4. Warranty

(1) Warranty period

The warranty period for IDEC products shall be one (1) year after purchase or delivery to the specified location. However, this shall not apply in cases where there is a different specification in the Catalogs or there is another agreement in place between you and IDEC.

(2) Warranty scope

Should a failure occur in an IDEC product during the above warranty period for reasons attributable to IDEC, then IDEC shall replace or repair that product, free of charge, at the purchase location / delivery location of the product, or an IDEC service base. However, failures caused by the following reasons shall be deemed outside the scope of this warranty.

i. The product was handled or used deviating from the conditions / environment listed in the Catalogs

ii. The failure was caused by reasons other than an IDEC product

iii. Modification or repair was performed by a party other than IDEC

iv. The failure was caused by a software program of a party other than IDEC

v. The product was used outside of its original purpose

vi. Replacement of maintenance parts, installation of accessories, or the like was not performed properly in accordance with the user's manual and Catalogs

vii. The failure could not have been predicted with the scientific and technical standards at the time when the product was shipped from IDEC

viii. The failure was due to other causes not attributable to IDEC (including cases of force majeure such as natural disasters and other disasters)

Furthermore, the warranty described here refers to a warranty on the IDEC product as a unit, and damages induced by the failure of an IDEC product are excluded from this warranty.

5. Limitation of liability

The warranty listed in this Agreement is the full and complete warranty for IDEC products, and IDEC shall bear no liability whatsoever regarding special damages, indirect damages, incidental damages, or passive damages that occurred due to an IDEC product.

6. Service scope

The prices of IDEC products do not include the cost of services, such as dispatching technicians. Therefore, separate fees are required in the following cases.

(1) Instructions for installation / adjustment and accompaniment at test operation (including creating application software and testing operation, etc.)

(2) Maintenance inspections, adjustments, and repairs

(3) Technical instructions and technical training

(4) Product tests or inspections specified by you

The above content assumes transactions and usage within your region. Please consult with an IDEC sales representative regarding transactions and usage outside of your region. Also, IDEC provides no guarantees whatsoever regarding IDEC products sold outside your region.

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