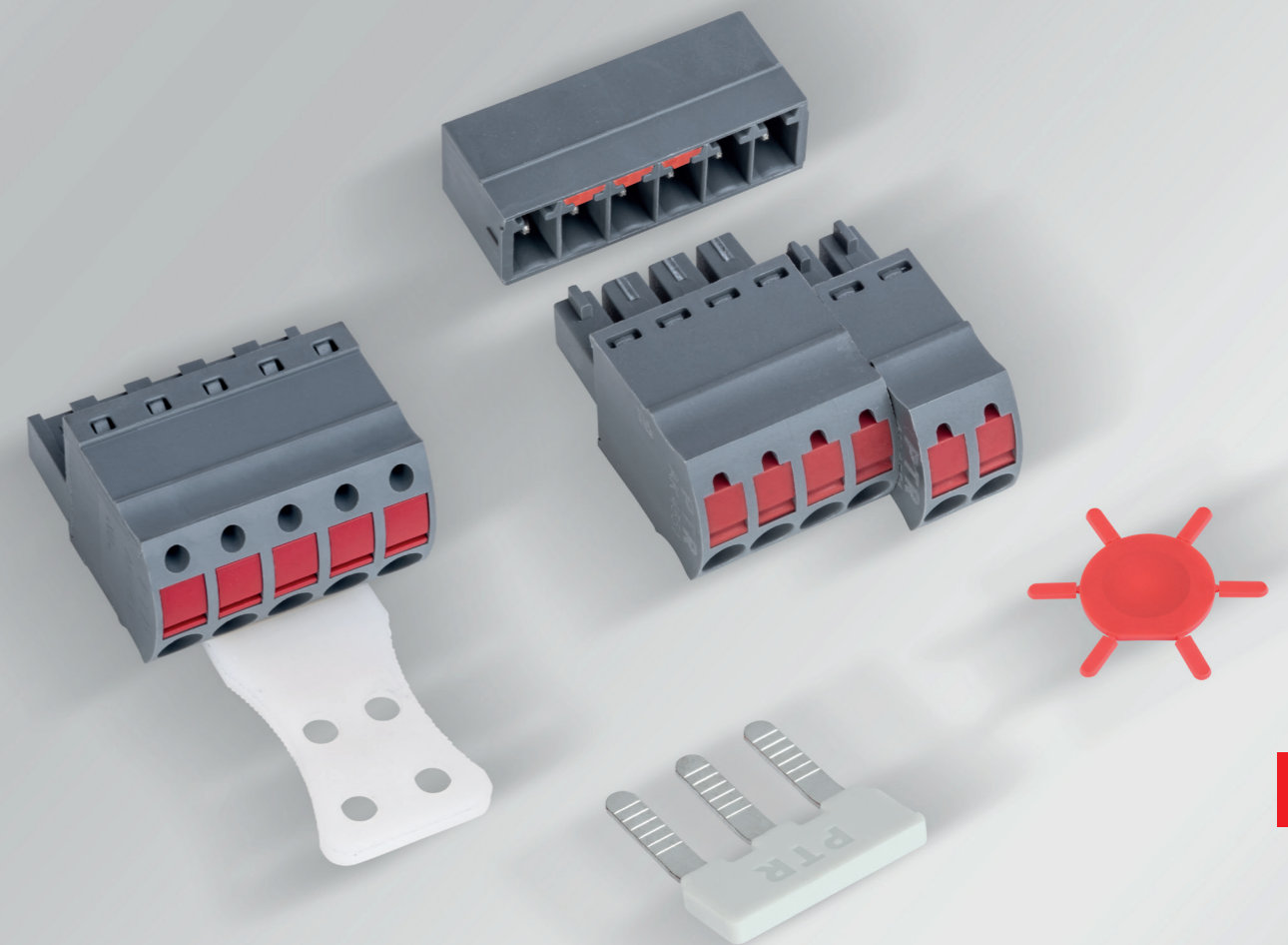


ACCESSORIES

A wide variety of accessory articles is available in addition to the comprehensive range of terminal blocks and multi-connector systems.

These take the form, inter alia, of insulated and non-insulated bridges for connection of poles for special applications, coding stars to prevent incorrect connections, for THT or THR soldering processes or spacers to increase the conductor spacing and/or for improved visual separation of individual terminal block sectors.

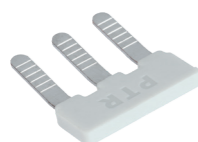
The large range of available accessories makes it possible to increase the functionality and ease of use of the application for the user with only little effort.



Accessories



Bridge, 2-pole, insulated, BRI/2-5.0/5.08-LIGHT GREY
Article Number: 50000000006
 Insulated bridge for multi-connection. Can be used for terminal blocks and multi-connectors with spacing 5.0 mm and 5.08 mm.



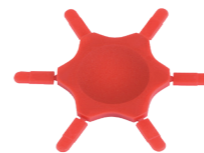
Bridge, 3-pole, insulated, BRI/3-5.0/5.08-LIGHT GREY
Article Number: 50000000007
 Insulated bridge for multi-connection. Can be used for terminal blocks and multi-connectors with spacing 5.0 mm and 5.08 mm.



Bridge, 2-pole, insulated, BRI/2-7.0/7.62-L7.5-LIGHT GREY
Article Number: 50000000018
 Insulated bridge for multi-connection. Can be used for terminal blocks and multi-connectors with spacing 7.0 mm and 7.62 mm.



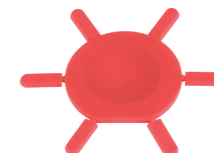
Bridge, 2-pole, insulated, BRI/2-7.5/7.62-L8.2-LIGHT GREY
Article Number: 50000000017
 Insulated bridge for multi-connection. Can be used for terminal blocks and multi-connectors with spacing 7.5 mm and 7.62 mm.



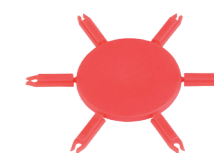
Coding Star CS1-3.5/3.81-RED
Article Number: 50000000023
 The tongues of the coding star are inserted into the coding slits of the terminal block to prevent the multi-connector from being plugged in incorrectly.



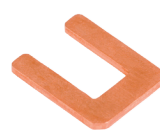
Coding Star CS1-3.5/3.81-NATURAL-HT
Article Number: 50000000022
 The tongues of the reflowable coding star are inserted into the coding slits to prevent the multi-connector from being plugged in incorrectly. This coding star is usable in reflow soldering processes.



Coding Star CS1-5.0/5.08-RED
Article Number: 50000000021
 The tongues of the coding star are inserted into the coding slits of the terminal block to prevent the multi-connector from being plugged in incorrectly.



Coding Star CS2-5.0/5.08-RED
Article Number: 50000000024
 The tongues of the coding star are inserted into the coding slits of the terminal block to prevent the multi-connector from being plugged in incorrectly.



Bridge, 2-pole, BR/2-3.5/3.81-L4.7
Article Number: 50000000013
 Uninsulated bridge for multi-connection. Can be used for terminal blocks and multi-connectors with spacing 3.5 mm and 3.81 mm.



Bridge, 2-pole, BR/2-3.5/3.81-L7.5
Article Number: 50000000015
 Uninsulated bridge for multi-connection. Can be used for terminal blocks and multi-connectors with spacing 3.5 mm and 3.81 mm.



Bridge, 2-pole, angled, BR/2-3.5/3.81-H-L4.7
Article Number: 50000000019
 Angled uninsulated bridge for multi-connection. Can be used for terminal blocks and multiconnectors with spacing 3.5 mm and 3.81 mm.



Bridge, 2-pole, angled, BR/2-3.5/3.81-H-L7.5
Article Number: 50000000029
 Angled uninsulated bridge for multi-connection. Can be used for terminal blocks and multiconnectors with spacing 3.5 mm and 3.81 mm.



Coding Star CS3-5.0/5.08-RED
Article Number: 50000000025
 The tongues of the coding star are inserted into the coding slits of the terminal block to prevent the multi-connector from being plugged in incorrectly.



Coding Star CS4-5.0/5.08-RED
Article Number: 50000000026
 The tongues of the coding star are inserted into the coding slits of the terminal block to prevent the multi-connector from being plugged in incorrectly.



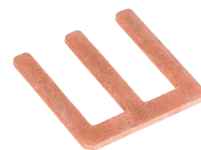
Coding Star CS2-5.0/5.08-LIGHT GREY-HT
Article Number: 50000000028
 The tongues of the reflowable coding star are inserted into the coding slits to prevent the multi-connector from being plugged in incorrectly. This coding star is usable in reflow soldering processes.



Series AK(Z)950/ AK(Z)960 with Separating Element
Article Number: 5990950....
Art.-Nr.: 5990960....
 The AK(Z)950/ AK(Z)960 is split into several areas with the separating element.



Brücke, 3-polig, BR/3-3.5/3.81-L4.7
Article Number: 50000000014
 Uninsulated bridge for multi-connection. Can be used for terminal blocks and multi-connectors with spacing 3.5 mm and 3.81 mm.



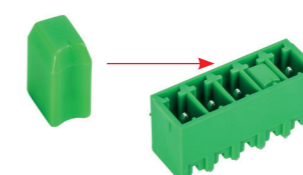
Brücke, 3-polig, BR/3-3.5/3.81-L7.5
Article Number: 50000000016
 Uninsulated bridge for multi-connection. Can be used for terminal blocks and multi-connectors with spacing 3.5 mm and 3.81 mm.



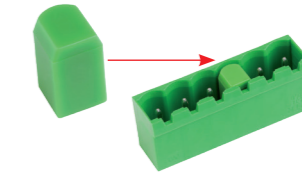
Brücke, 2-polig, BR/2-5.0/5.08-L7.0
Article Number: 50000000008
 Uninsulated bridge for multi-connection. Can be used for terminal blocks and multi-connectors with spacing 5.0 mm and 5.08 mm.



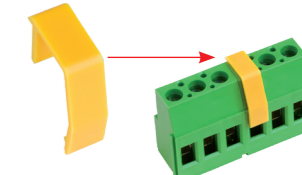
Serie AK(Z)1100 / AK(Z)1110 with Separating Element
Article Number: 5991100....
Article Number: 5991110....
 The AK(Z)1100/ AK(Z)1110 is split into several areas with the separating element.



Separating Element SE-STL1550-GREEN
Article Number: 51550000002
 A pin strip of series 1550, 1570 and 1590 can be split into several areas for various terminal blocks with the separating element.



Separating Element SE-STL950-GREEN
Article Number: 50950000002
 A pin strip of series 950, 970, 975 and 990 can be split into several areas for various terminal blocks with the separating element.



Screw Cover SC-AK700-YELLOW
Article Number: 50700000004
 Use to cover the screws once the wires have been attached.



Coding Cover CC-AK1350-GREY
Article Number: 51350000000
 Is clipped onto the plug from above/on the same side as the screw. The coding cover prevents the AK1350 from being placed on the pin strip 180° off.

Accessories



Series AK1350 with pull reliefs
Article Number: on request
 The pull relief makes it easier to unplug terminal blocks from pin strips. They comprise the contact face and mounting surface for connected wires and help to reduce mechanical stress exerted on clamping points resulting from long wires, etc.



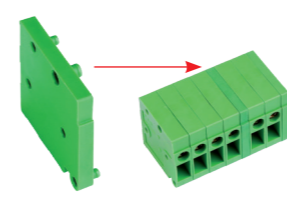
Series AK(Z)1550 with pull reliefs
Article Number: on request
 The pull relief makes it easier to unplug terminal blocks from pin strips. They comprise the contact face and mounting surface for connected wires and help to reduce mechanical stress exerted on clamping points resulting from long wires, etc.



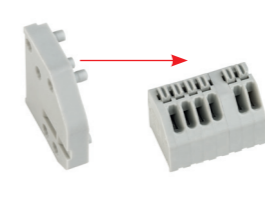
Series AK(Z)1700/ AK(Z)1710 with pull reliefs
Article Number: on request
 The pull relief makes it easier to unplug terminal blocks from pin strips. They comprise the contact face and mounting surface for connected wires and help to reduce mechanical stress exerted on clamping points resulting from long wires, etc.



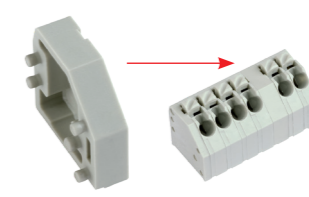
Series AK(Z)950/ AK(Z)960 with pull reliefs
Article Number: on request
 The pull relief makes it easier to unplug terminal blocks from pin strips. They comprise the contact face and mounting surface for connected wires and help to reduce mechanical stress exerted on clamping points resulting from long wires, etc.



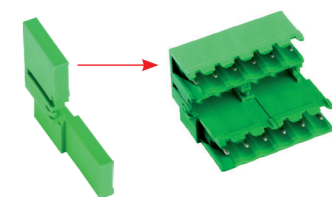
Spacer SPC-AK2200-GREEN
Article Number: 5220000002
 To increase the spacing or to give visually better separation of the individual terminal sections.



Spacer SPC-AK4191-PEBBLE GREY
Article Number: 54191000000
 To increase the spacing or to give visually better separation of the individual terminal sections.



Spacer SPC-AK4291-PEBBLE GREY
Article Number: 54291000000
 To increase the spacing or to give visually better separation of the individual terminal sections.



Side Wall and/or Separating Element SW/SE-STL970-GREEN
Article Number: 50970000000
 This accessory combines both, side wall and separating element in one piece: Realization of a pin strip with closed ends ("I..G") and/or separation of the individual terminal sections.



Series AK(Z)1100/ AK(Z)1110 mit Zuglasche
Article Number: on request
 The pull relief makes it easier to unplug terminal blocks from pin strips. They comprise the contact face and mounting surface for connected wires and help to reduce mechanical stress exerted on clamping points resulting from long wires, etc.



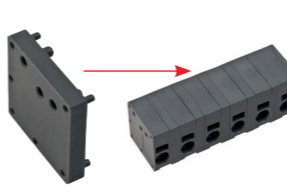
Series AK(Z)1200 with pull reliefs
Article Number: on request
 The pull relief makes it easier to unplug terminal blocks from pin strips. They comprise the contact face and mounting surface for connected wires and help to reduce mechanical stress exerted on clamping points resulting from long wires, etc.



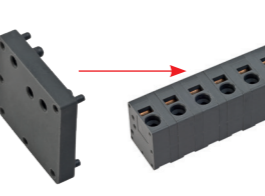
Series AK4541 with pull reliefs
Article Number: on request
 The pull relief makes it easier to unplug terminal blocks from pin strips. They comprise the contact face and mounting surface for connected wires and help to reduce mechanical stress exerted on clamping points resulting from long wires, etc.



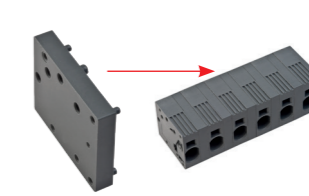
Series AK(Z)4551 with pull reliefs
Article Number: on request
 The pull relief makes it easier to unplug terminal blocks from pin strips. They comprise the contact face and mounting surface for connected wires and help to reduce mechanical stress exerted on clamping points resulting from long wires, etc.



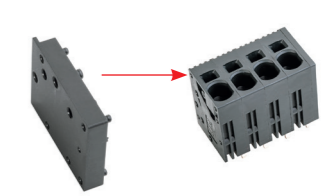
Spacer SPC-AK4200-baGY
Article Number: 54200000000
 To increase the spacing or to give visually better separation of the individual terminal sections.



Spacer SPC-AK4200-baGY
Article Number: 54200000000
 To increase the spacing or to give visually better separation of the individual terminal sections.



Spacer SPC-AK4210-H-baGY
Article Number: 54210000000
 To increase the spacing or to give visually better separation of the individual terminal sections.



Spacer SPC-AK4210-V-baGY
Article Number: 54210000001
 To increase the spacing or to give visually better separation of the individual terminal sections.



Series AK(Z)4951 with pull reliefs
Article Number: on request
 The pull relief makes it easier to unplug terminal blocks from pin strips. They comprise the contact face and mounting surface for connected wires and help to reduce mechanical stress exerted on clamping points resulting from long wires, etc.



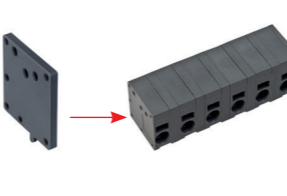
Series AKZ1520 with pull reliefs
Article Number: on request
 The pull relief makes it easier to unplug terminal blocks from pin strips. They comprise the contact face and mounting surface for connected wires and help to reduce mechanical stress exerted on clamping points resulting from long wires, etc.



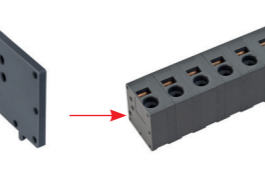
Mounting Rail Clip CLP-AKZS950-TS15/TS35
Article Number: 50950000005
 Is clipped in under the AKZS950. The mounting rail clip serves as an adapter for the corresponding mounting rail.



Mounting Rail Clip CLP-AKZS950-TS32/TS35
Article Number: 50950000006
 Is clipped in under the AKZS950. The mounting rail clip serves as an adapter for the corresponding mounting rail.



Side Wall with Coding Pin SW-AK4200-CP-H-baGY
Article Number: 54200000002
 The sidewall with coding pin (SW-CP) ensures the right assembly of the terminal block in the PCB. The coding pin thereby is inserted into the corresponding PCB hole. The SW-CP substitutes the standard side wall (SW).



Side Wall with Coding Pin SW-AK4200-CP-V-baGY
Article Number: 54200000001
 The sidewall with coding pin (SW-CP) ensures the right assembly of the terminal block in the PCB. The coding pin thereby is inserted into the corresponding PCB hole. The SW-CP substitutes the standard side wall (SW).



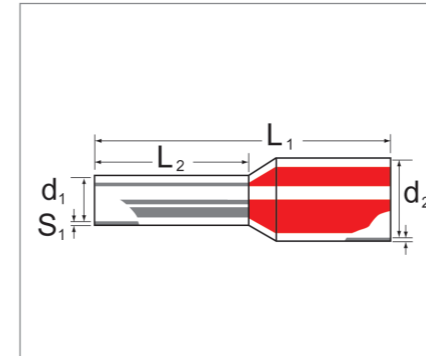
Crimping Pliers PZU 6
Article Number: 491100.0
 For the crimping of stranded and flexible wires with ferrules with and without plastic collar in wire sizes from 0.14 mm² to 6.0 mm².

Accessories

WIRE-END FERRULES WITH PLASTIC COLLARS



PTR ferrules with or without insulating collars provide the ideal solution when finely-stranded ends of conductors need to be protected if individual leads are frequently disconnected. The ferrules must be selected to match the wire size exactly (see table 1) and must be crimped gas-tight to the end of the conductor. Just deforming caused by the clamping force is insufficient! We recommend using PTR crimping pliers for easy and secure fitting of the ferrules. The resulting connections are electrically and mechanically perfect. The requirements in respect of tests and application instructions for solder-free crimp connections are specified in **EN 60352-2:2014-04**.



Wire-End Ferrules with Plastic Collars
 Plastic Collar:
 » Funnel feed-in made of polypropylene
 » Heat resistant up to 120°C
 » For wires from 0.5-10.0 mm²
 Material:
 » E-Cu
 » Galvanically tin-plated

WIRE SIZE		STRIPPED LENGTH	DIMENSIONS [mm]						PU
mm ²	AWG	mm	L ₁	L ₂	d ₁	S ₁	d ₂	S ₂	
0.25	24	8	10	6	0.85	0.15	1.8	0.25	500
0.25	24	10	12	8	0.85	0.15	1.8	0.25	500
0.34	22	8	10	6	0.85	0.15	2.0	0.25	500
0.34	22	10	12	8	0.85	0.15	2.0	0.25	500
0.5	20	8	12	6	1.0	0.15	2.6	0.25	500
0.5	20	10	14	8	1.0	0.15	2.6	0.25	500
0.5	20	12	16	10	1.0	0.15	2.6	0.25	500
0.75	18	8	12	6	1.2	0.15	2.8	0.25	500
0.75	18	10	14	8	1.2	0.15	2.8	0.25	500
0.75	18	12	16	10	1.2	0.15	2.8	0.25	500
0.75	18	14	18	12	1.2	0.15	2.8	0.25	500
1.0	17	8	12	6	1.4	0.15	3.0	0.25	500
1.0	17	10	14	8	1.4	0.15	3.0	0.25	500
1.0	17	12	16	10	1.4	0.15	3.0	0.25	500
1.0	17	14	18	12	1.4	0.15	3.0	0.25	500
1.5	16	10	14	8	1.7	0.15	3.5	0.25	500
1.5	16	12	16	10	1.7	0.15	3.5	0.25	500
1.5	16	14	18	12	1.7	0.15	3.5	0.25	500
1.5	16	20	24	18	1.7	0.15	3.5	0.25	500
2.5	14	10	15	8	2.2	0.15	4.2	0.25	500
2.5	14	14	19	12	2.2	0.15	4.2	0.25	500
2.5	14	20	25	18	2.2	0.15	4.2	0.25	500
4.0	12	12	18	10	2.8	0.2	4.8	0.30	500
4.0	12	14	20	12	2.8	0.2	4.8	0.30	500
4.0	12	20	26	18	2.8	0.2	4.8	0.30	500
6.0	10	14	20	12	3.5	0.2	6.3	0.40	100
6.0	10	20	26	18	3.5	0.2	6.3	0.40	100
10.0	8	15	22	12	4.5	0.2	7.6	0.40	100
10.0	8	21	28	18	4.5	0.2	7.6	0.40	100

Tab. 1: Wire-End Ferrules with Plastic Collars - Dimensions Table

	TYPE	COLOUR	ARTICLE DESIGNATION	PU
●	H 0.25/10 LB	LIGHT BLUE	492620.0	500
●	H 0.25/12 LB	LIGHT BLUE	492621.0	500
●	H 0.34/10 CY	TURQUOISE	492622.0	500
●	H 0.34/12 CY	TURQUOISE	492623.0	500
●	H 0.5/12 OG	ORANGE	492397.0	500
●	H 0.5/14 OG	ORANGE	492201.0	500
●	H 0.5/16 OG	ORANGE	493116.0	500
○	H 0.75/12 WH	WHITE	492398.0	500
○	H 0.75/14 WH	WHITE	492202.0	500
○	H 0.75/16 WH	WHITE	493117.0	500
○	H 0.75/18 WH	WHITE	493118.0	500
●	H 1.0/12 YE	YELLOW	492399.0	500
●	H 1.0/14 YE	YELLOW	492203.0	500
●	H 1.0/16 YE	YELLOW	493119.0	500
●	H 1.0/18 YE	YELLOW	493120.0	500
●	H 1.5/14 RD	RED	492204.0	500
●	H 1.5/16 RD	RED	492400.0	500
●	H 1.5/18 RD	RED	492814.0	500
●	H 1.5/24 RD	RED	492205.0	500
●	H 2.5/15-D BU	BLUE	492845.0	500
●	H 2.5/19-D BU	BLUE	492846.0	500
●	H 2.5/25-D BU	BLUE	492847.0	500
●	H 4.0/18-D GR	GREY	492848.0	500
●	H 4.0/20-D GR	GREY	492849.0	500
●	H 4.0/26-D GR	GREY	492850.0	500
●	H 6.0/20 BK	BLACK	492210.0	100
●	H 6.0/26 BK	BLACK	492211.0	100
○	H 10.0/22 IV	IVORY	492212.0	100
○	H 10.0/28 IV	IVORY	492213.0	100

Tab. 2: Wire-End Ferrules with Plastic Collars - PTR Standard

	TYPE	COLOUR	ARTICLE DESIGNATION	PU
○	H 0.5/12-D WH	WHITE	492863.0	500
○	H 0.5/14-D WH	WHITE	492864.0	500
○	H 0.5/16-D WH	WHITE	492865.0	500
●	H 0.75/12-D GR	GREY	492866.0	500
●	H 0.75/14-D GR	GREY	492867.0	500
●	H 0.75/16-D GR	GREY	492868.0	500
●	H 0.75/18-D GR	GREY	492869.0	500
●	H 1.0/12-D RD	RED	492870.0	500
●	H 1.0/14-D RD	RED	492871.0	500
●	H 1.0/16-D RD	RED	492872.0	500
●	H 1.0/18-D RD	RED	492840.0	500
●	H 1.5/14-D BK	BLACK	492841.0	500
●	H 1.5/16-D BK	BLACK	492842.0	500
●	H 1.5/18-D BK	BLACK	492843.0	500
●	H 1.5/24-D BK	BLACK	492844.0	500
●	H 2.5/14-D BU	BLUE	492845.0	500
●	H 2.5/18-D BU	BLUE	492846.0	500
●	H 2.5/24-D BU	BLUE	492847.0	500
●	H 4.0/18-D GR	GREY	492848.0	500
●	H 4.0/20-D GR	GREY	492849.0	500
●	H 4.0/26-D GR	GREY	492850.0	500
●	H 6.0/20-D YE	YELLOW	492851.0	100
●	H 6.0/26-D YE	YELLOW	492852.0	100
●	H 10.0/22-D RD	RED	492853.0	100
●	H 10.0/28-D RD	RED	492854.0	100

Tab. 3: Wire-End Ferrules with Plastic Collars - DIN Norm