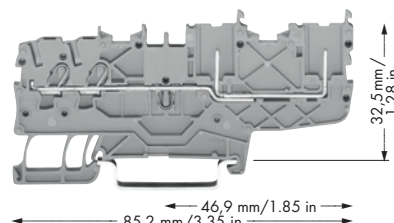
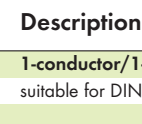
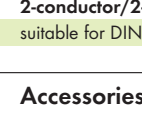
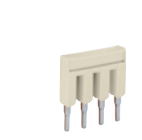


1-Conductor/1-Pin Receptacle Terminal Blocks; 2-Conductor/2-Pin Receptacle Terminal Blocks, Series 2020

勝特力材料 886-3-5753170
勝特力電子(上海) 86-21-34970699
勝特力電子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)



- | Description | | Item no. | | Pack. unit | Item no. | | Pack. unit | |
|---|--|---|---|--------------|---|------------------|---|-----|
|  | 1-conductor/1-pin receptacle terminal block,
suitable for DIN 35 rail acc. to EN 60715 | 1-conductor/1-pin receptacle terminal block | | | 2-conductor/2-pin receptacle terminal block | | | |
| | gray | 2020-1201 |  | 100 | gray | 2020-1401 |  | 100 |
| | blue | 2020-1204 |  | 100 | blue | 2020-1404 |  | 100 |
|  | 2-conductor/2-pin receptacle terminal block,
suitable for DIN 35 rail acc. to EN 60715 | 1-conductor/1-pin ground receptacle terminal block | | | 2-conductor/2-pin ground receptacle terminal block | | | |
| | green-yellow | 2020-1207 |  | 100 | green-yellow | 2020-1407 |  | 100 |
| Accessories Appropriate marking systems: WMB/Marker Strips | | | | | | | | |
|  | End and intermediate plate | 1 mm/0.039 in thick | | | 1 mm/0.039 in thick | | | |
| | gray | 2020-1291 | | 100 (4 x 25) | gray | 2020-1491 | 100 (4 x 25) | |
| | orange | 2020-1292 | | 100 (4 x 25) | orange | 2020-1492 | 100 (4 x 25) | |
|  | Push-in type jumper bars,
light gray, insulated, I _N 14 A | 2-way | 2000-402 | 200 (8 x 25) | 2-way | 2000-402 | 200 (8 x 25) | |
| | | 3-way | 2000-403 | 200 (8 x 25) | 3-way | 2000-403 | 200 (8 x 25) | |
| | | 4-way | 2000-404 | 200 (8 x 25) | 4-way | 2000-404 | 200 (8 x 25) | |
| | | 5-way | 2000-405 | 100 (4 x 25) | 5-way | 2000-405 | 100 (4 x 25) | |
| | | : | | | : | | | |
| | | 10-way | 2000-410 | 100 (4 x 25) | 10-way | 2000-410 | 100 (4 x 25) | |
| | | | | | | | | |
|  | Push-in type jumper bars,
light gray, insulated, I _N 14 A | from 1 to 3 | 2000-433 | 200 (8 x 25) | from 1 to 3 | 2000-433 | 200 (8 x 25) | |
| | | from 1 to 4 | 2000-434 | 200 (8 x 25) | from 1 to 4 | 2000-434 | 200 (8 x 25) | |
| | | from 1 to 5 | 2000-435 | 100 (4 x 25) | from 1 to 5 | 2000-435 | 100 (4 x 25) | |
| | | : | : | | : | : | | |
| | | from 1 to 10 | 2000-440 | 100 (4 x 25) | from 1 to 10 | 2000-440 | 100 (4 x 25) | |
|  | Carrier with 6 coding pins,
for coding of female plugs | orange | 2020-100 | 100 (4 x 25) | orange | 2020-100 | 100 (4 x 25) | |
| | | | | | | | | |
|  | Protective warning marker, with
high-voltage symbol,
for 5 terminal blocks | yellow | 2000-115 | 100 (4 x 25) | yellow | 2000-115 | 100 (4 x 25) | |
| | | | | | | | | |
|  | Test pin, Ø 1 mm/0.039 in | | 859-500 | | | 859-500 | | |
| | | | | | | | | |
|  | WMB Multi marking card,
Pin spacing: 3.5 mm/0.138 in,
10 strips with 10 markers per card, white | plain | 793-3501 | 5 | plain | 793-3501 | 5 | |
| | | | | | | | | |
|  | Marker strips,
on roll, 50 m,
11 mm/0.039 in wide, white | plain | 2009-110 | 1 | plain | 2009-110 | 1 | |
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| | | | | | | | | |
- *Current-carrying capacity curves on request

X-COM® S-SYSTEM MINI

1-Conductor Female Plugs; 2-Conductor Female Plugs Series 2020

勝特力材料 886-3-5753170
 勝特力电子(上海) 86-21-34970699
 勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)

0.14 – 1 (1.5) mm ² AWG 24 – 16 500 V/6 kV/3 ① I _N 13.5 A* Module width ② 3.5 mm / 0.137 in 9 – 11 mm / 0.39 in	0.14 – 1 (1.5) mm ² AWG 24 – 16 500 V/6 kV/3 ① I _N 13.5 A* Module width ② 3.5 mm / 0.137 in 9 – 11 mm / 0.39 in
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- ① 500 V = rated voltage
 6 kV = rated surge voltage
 3 = pollution degree
- ② The female plugs come equipped with an end plate, 0.7 mm/0.027 in thick. The receptacle terminal blocks must also be fitted with end plates.

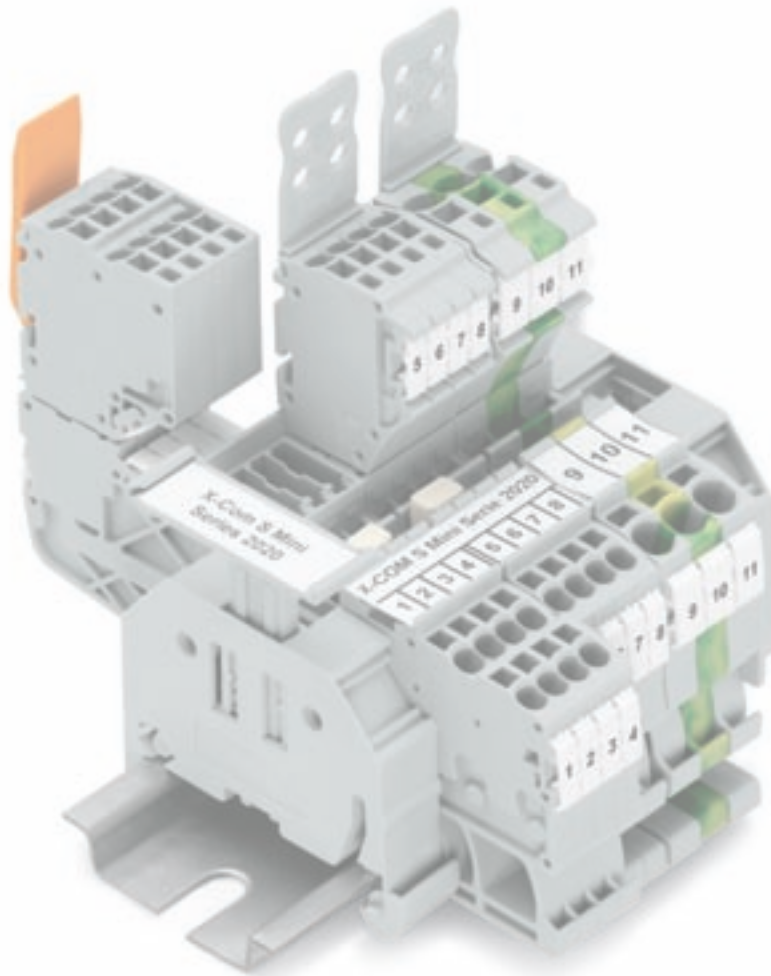
Description	No. of poles	Item no.	Pack. unit	No. of poles	Item no.	Pack. unit
1-conductor female plug with CAGE CLAMP®S, to be inserted into receptacle terminal blocks	1-conductor female plug, with coding fingers, gray, 2 poles 3 poles	2020-102 2020-103	100 50	2-conductor female plug, with coding fingers, gray, 2 poles 3 poles	2020-202 2020-203	100 50
2-conductor female plug with CAGE CLAMP®S, to be inserted into receptacle terminal blocks	: 14 poles 15 poles	: 2020-114 2020-115	10 10	: 14 poles 15 poles	: 2020-214 2020-215	10 10
Additional poles and/or mixed (gray/blue/green-yellow) female plugs on request						
Accessories Appropriate marking systems: WMB/Marker Strips						
 Locking levers can be snapped on female plugs	Female plugs with 2 poles gray orange	3 poles and more 2022-141 2022-151 2022-142 2022-152	100 (4 x 25) 100 (4 x 25)	Female plugs with 2 poles gray orange	3 poles and more 2022-141 2022-151 2022-142 2022-152	100 (4 x 25) 100 (4 x 25)
 Protective warning marker, with high-voltage symbol, for 5 terminal blocks	yellow	2000-115	100 (4 x 25)	yellow	2000-115	100 (4 x 25)
 Strain relief plate, gray, snap-on type, for 1- and 2-conductor female plugs	2 to 3 poles 4 to 6 poles 7 to 9 poles 10 to 15 poles	734-327 734-328 734-329 734-326	100 (4 x 25) 100 (4 x 25) 100 (4 x 25) 100 (4 x 25)	2 to 3 poles 4 to 6 poles 7 to 9 poles 10 to 15 poles	734-327 734-328 734-329 734-326	100 (4 x 25) 100 (4 x 25) 100 (4 x 25) 100 (4 x 25)
 WMB Multi marking card Pin spacing: 3.5 mm/0.138 in, 10 strips with 10 markers per card, white	plain	793-3501	5	plain	793-3501	5
 Marker strips, on roll, 50 m, 11 mm/0.039 in wide, white	plain	2009-110	1	plain	2009-110	1
 Test pin, Ø 1 mm/0.039 in		859-500			859-500	



*Current-carrying capacity curves on request

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CAGE CLAMP® S



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- ② See application notes in our Full Line Catalog

A detailed view of a multi-channel terminal block. A black cable is connected to one of the channels. The terminal block has multiple rows of terminals, some with green and yellow markings. The overall design is modular and compact.

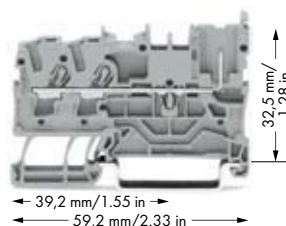
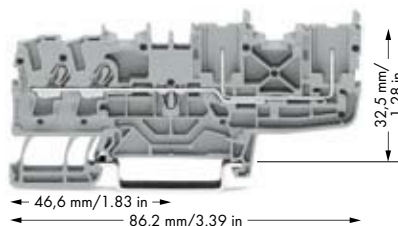
Female plugs with CAGE CLAMP®S connection

*Current-carrying capacity curves on request

X-COM® S-SYSTEM

2-Conductor/1-Pin Receptacle and 2-Conductor/2-Pin Receptacle Terminal Block Series 2022

0.25 – 2.5 (4) mm² ① AWG 22 – 12 690 V/6 kV/3 ② I_N 24 A (32 A) Terminal block width 5.2 mm / 0.205 in  10 – 12 mm / 0.43 in	0.25 – 2.5 (4) mm² ① AWG 22 – 12 690 V/6 kV/3 ② I_N 24 A (32 A) Terminal block width 5.2 mm / 0.205 in  10 – 12 mm / 0.43 in	
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Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs
2-conductor/1-pin receptacle		2-conductor/2-pin receptacle			
suitable for DIN 35 rail		suitable for DIN 35 rail			
grey	2022-1301 100	grey	2022-1401 50		
blue	2022-1304 100	blue	2022-1404 50		
2-conductor/1-pin ground-receptacle		2-conductor/2-pin ground-receptacle			
suitable for DIN 35 rail		suitable for DIN 35 rail			
green-yellow	2022-1307 100	green-yellow	2022-1407 50		

Accessories - Item Specific

End and intermediate plate, 1 mm thick		End and intermediate plate, 1 mm thick			
orange	2022-1392 100 (4 x 25)	orange	2022-1492 100 (4 x 25)		
grey	2022-1391 100 (4 x 25)	grey	2022-1491 100 (4 x 25)		

Accessories - Series 2022 - Appropriate marking systems: WMB/WMB Inline/Marker Strips

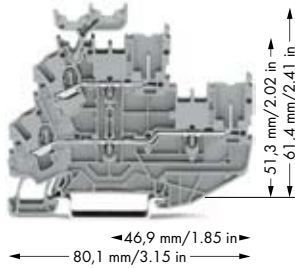
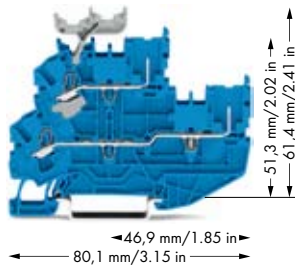
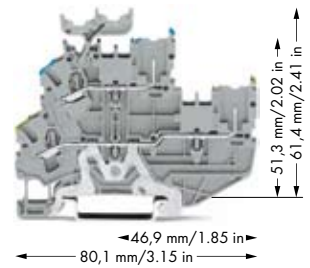
Insulation stop, 5 pcs/strip 200 strips		Push-in type wire jumpers, insulated, I_N 16 A wire size 1.5mm²		Continuous marking strip, blank	
light grey	2002-171 0.25-0.5 mm ²	60mm	2009-412 100 (10x10)	11mm wide	
dark grey	2002-172 0.75-1 mm ²	110mm	2009-414 100 (10x10)	50 m roll	
		250mm	2009-416 100 (10x10)	white	2009-110 1
Push-in type jumper bars, light grey, insulated, I_N 25 A		Carrier with 6 coding pins		End stop	
2-way	2002-402 200 (8 x 25)	for coding of female plugs		suitable for DIN 35 rail	
3-way	2002-403 200 (8 x 25)	orange	2022-100 100 (4x25)	6 mm wide	
4-way	2002-404 200 (8 x 25)			grey	249-116 100 (4x25)
:	:	Test pin			
10-way	2002-410 100 (4 x 25)	1 mm Ø	859-500 1		
Push-in type jumper bars, light grey, insulated, I_N 25 A		Protective warning marker, with high voltage symbol			
1 - 3	2002-433 200 (8 x 25)	for 5mm terminal blocks			
1 - 4	2002-434 200 (8 x 25)	yellow	2002-115 100 (4 x 25)		
1 - 5	2002-435 100 (4 x 25)				
:	:	1-conductor femail plug,			
1 - 10	2002-440 100 (4 x 25)	grey	2022-101 200		
		Multi marking card			
		10 strips with 10 markers each			
		5-5.2mm			
		blank	793-5501 5		
		WMB Inline, blank			
		5-5.2mm			
		1,500 WMB markers on 5mm roll			
		white	2009-115 1		

X-COM® S-SYSTEM

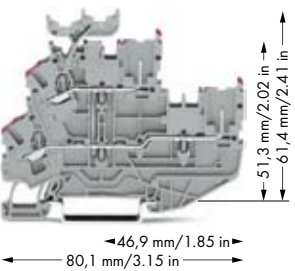
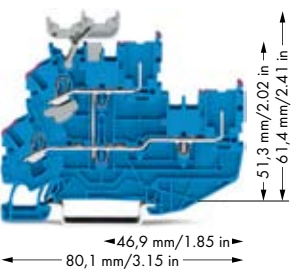
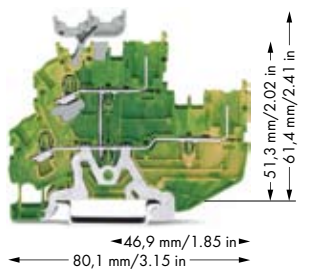
1-Conductor/1-Pin Double Deck Receptacle Terminal Blocks

Series 2022

0.25 – 2.5 (4) mm ² ① AWG 22 – 12 690 V/6 kV/3 ② I _N 24 A (32 A) Terminal block width 5.2 mm / 0.205 in 10 – 12 mm / 0.43 in	0.25 – 2.5 (4) mm ² ① AWG 22 – 12 690 V/6 kV/3 ② I _N 24 A (32 A) Terminal block width 5.2 mm / 0.205 in 10 – 12 mm / 0.43 in	0.25 – 2.5 (4) mm ² ① AWG 22 – 12 690 V/6 kV/3 ② I _N 24 A (32 A) Terminal block width 5.2 mm / 0.205 in 10 – 12 mm / 0.43 in
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Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs
1-conductor/1-pin double deck receptacle		1-conductor/1-pin double deck receptacle		1-conductor/1-pin double deck receptacle	
through/through		through/through		ground/through	
with marking carrier		with marking carrier		with marking carrier	
housing color grey		housing color blue		housing color grey	
L/L	2022-2231 50	N/N	2022-2234 50	PE/N	2022-2247 50
N/L	2022-2232 50			PE/L	2022-2257 50
L/N	2022-2233 50				
1-conductor/1-pin double deck receptacle		1-conductor/1-pin double deck receptacle		1-conductor/1-pin double deck receptacle	
through/through		through/through		ground/through	
without marking carrier		without marking carrier		without marking carrier	
housing color grey		housing color blue		housing color grey	
L/L	2022-2201 50	N/N	2022-2204 50	N/N	2022-2217 50
N/L	2022-2202 50			PE/L	2022-2227 50
L/N	2022-2203 50				



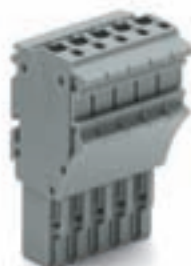
Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs
2-conductor/2-pin double deck receptacle		2-conductor/2-pin double deck receptacle		2-conductor/2-pin double deck receptacle	
feed-through		feed-through		ground	
with marking carrier, internal common		with marking carrier, internal common		with marking carrier, internal common	
connector entry colored violet, housing color grey		connector entry colored violet, housing color blue		housing color grn-yellow	
L	2022-2238 50	N	2022-2239 50	PE	2022-2237 50
2-conductor/2-pin double deck receptacle		2-conductor/2-pin double deck receptacle		2-conductor/2-pin double deck receptacle	
feed-through		feed-through		ground	
without marking carrier, internal common		without marking carrier, internal common		without marking carrier, internal common	
connector entry colored violet, housing color grey		connector entry colored violet, housing color blue		housing color grn-yellow	
L	2022-2208 50	N	2022-2209 50	PE	2022-2207 50

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Accessories - Series 2022 - Appropriate marking systems: WMB/WMB Inline/Marker Strips			
End and intermediate plate, 1 mm thick		Two way marking adapter	
	orange	2022-2292	100 (4 x 25)
	grey	2022-2291	100 (4 x 25)
Insulation stop, 5 pcs/strip		Push-in type wire jumpers, insulated, I_N 16 A wire size 1.5mm²	
	light grey	2002-171	0.25-0.5 mm ²
	dark grey	2002-172	0.75-1 mm ²
Push-in type jumper bars, light grey, insulated,		Carrier with 6 coding pins	
	I _N 25 A	for coding of female plugs	
	2-way	2002-402	200 (8 x 25)
	3-way	2002-403	200 (8 x 25)
	4-way	2002-404	200 (8 x 25)
:	:	Test pin	
10-way	2002-410	100 (4 x 25)	1 mm Ø
Push-in type jumper bars, light grey, insulated,		Protective warning marker, with high voltage symbol	
	I _N 25 A	for 5mm terminal blocks	
	1 - 3	2002-433	200 (8 x 25)
	1 - 4	2002-434	200 (8 x 25)
	1 - 5	2002-435	100 (4 x 25)
:	:	1-conductor femail plug,	
1 - 10	2002-440	100 (4 x 25)	grey 2022-101 200
Multi marking cards, blank		Multi marking card	
	10 strips with 10 markers each	10 strips with 10 markers each	
	5-5.2 mm	5-5.2mm	
	yellow	793-5501/000-002	
	red	793-5501/000-005	
	blue	793-5501/000-006	
	grey	793-5501/000-007	
	orange	793-5501/000-012	
WMB Inline, blank		Continuous marking strip, blank	
light green 793-5501/000-017		11mm wide	
green 793-5501/000-023		50 m roll	
violet 793-5501/000-024		white 2009-110 1	

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	<p>0,25 – 2.5 (4) mm² AWG 22 – 12</p> <p>690 V/6 kV/3 ①</p> <p>I_N 24 (32) A*</p> <p>Module width 5.2 mm / 0.205 in</p> <p> 10 – 12 mm / 0.43 in</p>	
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- [illegible]



To code a female plug, remove the desired coding finger using a suitable tool . . .



... and insert a 2022-100 coding pin into the corresponding location of the receptacle terminal block.

* Current-carrying capacity curves on request

X-COM® S-SYSTEM Pre-Assembled Female Plugs

0.25 – 2.5 (4) mm ² AWG 22 – 12 690 V/6 kV/3 ① I _N 24 (32) A* Module width 5.2 mm / 0.205 in  10 – 12 mm / 0.43 in	0.25 – 2.5 (4) mm ² AWG 22 – 12 690 V/6 kV/3 ① I _N 24 (32) A* Module width 5.2 mm / 0.205 in  10 – 12 mm / 0.43 in	0.25 – 2.5 (4) mm ² AWG 22 – 12 690 V/6 kV/3 ① I _N 24 (32) A* Module width 5.2 mm / 0.205 in  10 – 12 mm / 0.43 in
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No. of poles	Item no.	Pack. unit	No. of poles	Item no.	Pack. unit	No. of poles	Item no.	Pack. unit
1-conductor female plug, with coding fingers, green-yellow, gray,			1-conductor female plug, with coding fingers, green-yellow, blue, gray,			1-conductor female plug, with coding fingers, green-yellow, blue, gray,		
3 poles	2022-103/000-036	50	3 poles	2022-103/000-038	50	5 poles	2022-105/000-038	50
1-conductor female plug, with coding fingers, gray, green-yellow			1-conductor female plug, with coding fingers, gray, blue, green-yellow,			1-conductor female plug, with coding fingers, gray, blue, green-yellow,		
3 poles	2022-103/000-037	50	3 poles	2022-103/000-039	50	5 poles	2022-105/000-039	50

X-COM® S-SYSTEM

Female Plugs for Self-Assembly

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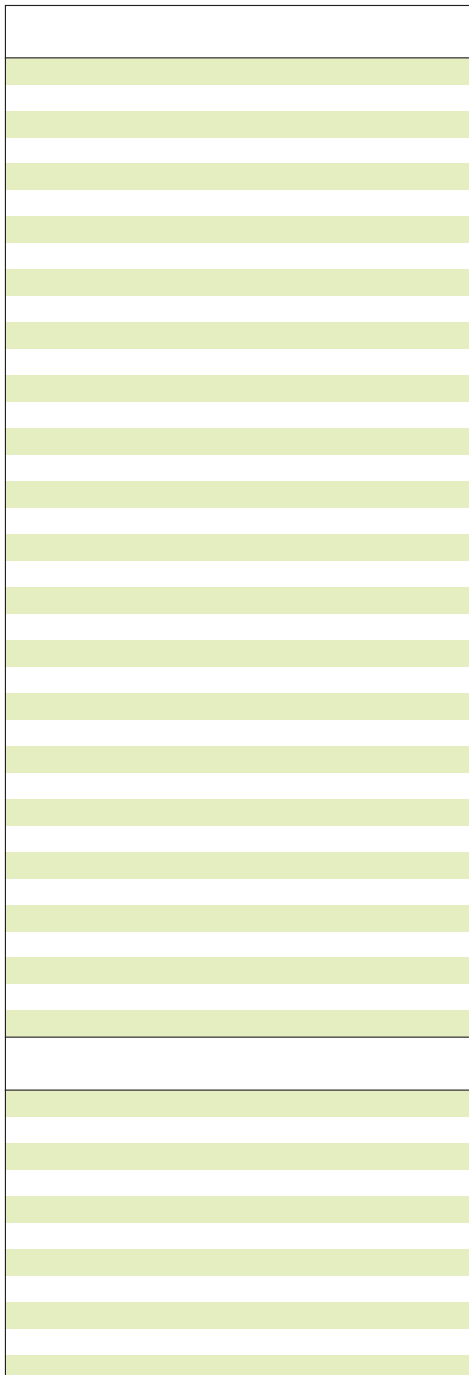
	<p>0.25 – 2.5 (4) mm² AWG 22 – 12</p> <p>690 V/6 kV/3 ①</p> <p>I_N 24 (32) A**</p> <p>Module width 5.2 mm / 0.205 in</p> <p> 10 – 12 mm / 0.43 in</p>	
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- ❶ 690 V = rated voltage
6 kV = rated surge voltage
3 = pollution degree

[illegible]

**Current-carrying capacity curves and accessories see Full Line Catalog 2009/2010



Self-Assembly of Individual Female Plugs

Using modular female plugs from the X-COM®S-SYSTEM, female plugs can be customized for applications requiring varying numbers of poles (e.g., when designing prototypes).

Modules and Pole Numbers

A self-assembled female plug consists of:

- a - base module with integrated end plate
- up to 13 - center modules (corresponding to a 15-pole female plug = maximum number of poles)
- as well as an - end module.

Intended Use

According to EN 61984, connectors without current interrupting capacity shall not be mated and unmated when live or under load.

Assembly

The appropriate mounting tool shall be used in order to guarantee that the individual modules are properly attached to each other without damaging the locking latches.

Example: 5-Pole, 1-Conductor Female Plug

