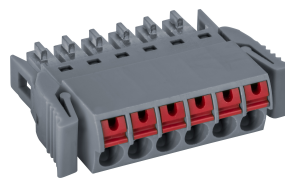


AK4541/..FRKD-3.5-BASALTGREY



Technical Data

Wire sizes		Insulating Material	
Solid min	0.2 mm ²	Material	PA 6.6
Solid max	1.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.2 mm ²	Temperatures	
Stranded (flexible) max	1.5 mm ²	Operating Temperature (without mech. load)	-40 °C - 105 °C
Stranded with Ferrule min	0.25 mm ²	Store Temperature	-40 °C - 105 °C
Stranded with Ferrule max	1.5 mm ²	Wave Soldering Process	
Dimensions		Soldering Temperature, recommended	-
Stripped Length	10.0 mm	Peak Soldering Time, recommended	-
Materials		Reflow Process	
Contact Spring	tin-plated	Soldering Temperature, recommended	-
Clamp Spring	Stainless Steel	Peak Soldering Time, recommended	-

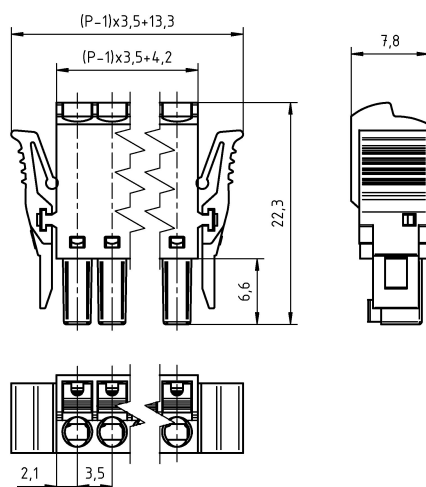
Colours

	BASALT GREY, RAL 7012
	GREEN, RAL 6018
	LIGHT GREEN, similar RAL 6018

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Counterparts (Spacing 3.5 mm)

Pin Strip
STLZ1541



Order Data (Spacing 3.5 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	16.80	AK4541/2FRKD-3.5-BASALTGREY	54541026401 G	250
3	20.30	AK4541/3FRKD-3.5-BASALTGREY	54541036401 F	200
4	23.80	AK4541/4FRKD-3.5-BASALTGREY	54541046401 F	200
5	27.30	AK4541/5FRKD-3.5-BASALTGREY	54541056401 E	100
6	30.80	AK4541/6FRKD-3.5-BASALTGREY	54541066401 E	100
7	34.30	AK4541/7FRKD-3.5-BASALTGREY	54541076401 D	50
8	37.80	AK4541/8FRKD-3.5-BASALTGREY	54541086401 D	50
9	41.30	AK4541/9FRKD-3.5-BASALTGREY	54541096401 D	50
10	44.80	AK4541/10FRKD-3.5-BASALTGREY	54541106401 D	50
11	48.30	AK4541/11FRKD-3.5-BASALTGREY	54541116401 D	50
12	51.80	AK4541/12FRKD-3.5-BASALTGREY	54541126401 D	50
13	55.30	AK4541/13FRKD-3.5-BASALTGREY	54541136401 D	50
14	58.80	AK4541/14FRKD-3.5-BASALTGREY	54541146401 D	50
15	62.30	AK4541/15FRKD-3.5-BASALTGREY	54541156401 D	50
16	65.80	AK4541/16FRKD-3.5-BASALTGREY	54541166401 D	50
17	69.30	AK4541/17FRKD-3.5-BASALTGREY	54541176401 D	50
18	72.80	AK4541/18FRKD-3.5-BASALTGREY	54541186401 D	50
19	76.30	AK4541/19FRKD-3.5-BASALTGREY	54541196401 D	50
20	79.80	AK4541/20FRKD-3.5-BASALTGREY	54541206401 D	50

Accessoires

Figure	Designation	Article Number
	Series AK4541 with pull relief	Order Data: on request

Ratings

UseGroup	cRU [*] US			DVE [*]	
	B	C	D		
Rated Voltage	150 V	50 V	150 V	320 V	
Rated Current	6 A	6 A	6 A	6 A	
Overvoltage Category				II	
Rated Wire Size				min	max
- solid	AWG 24-16	AWG 24-16	AWG 24-16	0.2 mm ²	1.5 mm ²
- stranded	AWG 24-16	AWG 24-16	AWG 24-16	0.2 mm ²	1.5 mm ²
Test Voltage	1.30 kV	1.10 kV	1.30 kV	2.5 kV	
Pollution Degree				2	

* Approval Pending