

To whom it may concern

HUBER+SUHNER AG
TRA LF Railway & Industry Product Mgmt
Tumbelenstrasse 20
8330 Pfäffikon ZH
Switzerland

Bruno Tschirky
Senior PM Railway
Phone +41 44 952 27 55
bruno.tschirky@hubersuhner.com
<https://www.hubersuhner.com/en>

Reference RWC20230919_4 GKW-AX EN50264-3-1 1800V M
Date 19.09.2023
Page 1 of 9

Customer announcement of HUBER+SUHNER new product family and product phase out

Dear Customer

In order to meet the increasing market needs for reducing CO2 emissions from cables in accordance with EN50264, we have developed the new product family 4 GKW-AX EN50264-3-1 1800V M with reduced weight and minimized dimensions.

The new product family RADOX 4 GKW-AX EN50264-3-1 1800V M (Technical Datasheet 586851) will replace the product families RADOX 4 GKW-AX 1800V M (Technical Datasheet 543850) and RADOX EN50264-3-1 1800V M (Technical Datasheet 585390)

May we inform you that we plan to phase out the products as listed below. In order to keep any inconvenience to a minimum we ask you to review your current demand. Please amend your future orders with the replacement products as specified or see separate list of items.

Product Information			
Item number	Item Description	Substitute Item	
84118052	4 GKW-AX (EN50264-3-1) 1800V 1X0.5 M BK	-	No change
84118053	4 GKW-AX (EN50264-3-1) 1800V 1X0.5 M BN	-	No change
84118056	4 GKW-AX (EN50264-3-1) 1800V 1X0.5 M BU	-	No change
84118058	4 GKW-AX (EN50264-3-1) 1800V 1X0.5 M GY	-	No change
85068090	4 GKW-AX (EN50264-3-1) 1800V 1X0.5 M OG	-	No change
84118057	4 GKW-AX (EN50264-3-1) 1800V 1X0.5 M RD	-	No change
84118059	4 GKW-AX (EN50264-3-1) 1800V 1X0.75 M BK	-	No change
12555986	4 GKW-AX 1800V 1X1 M BK	85148011 4 GKW-AX (EN50264-3-1) 1800V 1X1 M BK	Cable diameter reduction from 3.00 mm to 2.80 mm, weight reduction, improved fire load and combustible material
85095527	4 GKW-AX 1800V 1X1 M WH	85148012 4 GKW-AX (EN50264-3-1) 1800V 1X1 M WH	Cable diameter reduction from 3.00 mm to 2.80 mm, weight reduction, improved fire load and combustible material
12586321	4 GKW-AX 1800V 1X1 M YE	85148013 4 GKW-AX (EN50264-3-1) 1800V 1X1 M YE	Cable diameter reduction from 3.00 mm to 2.80 mm, weight reduction, improved fire load and combustible material

Product Information			
Item number	Item Description	Substitute Item	
12536686	4 GKW-AX 1800V 1X1.5 M BK	85203003 4 GKW-AX (EN50264-3-1) 1800V 1X1.5 M BK	Cable diameter reduction from 3.35 mm to 3.20 mm, weight reduction, improved fire load and combustible material
85078975	4 GKW-AX 1800V 1X1.5 M BN	85148042 4 GKW-AX (EN50264-3-1) 1800V 1X1.5 M BN	Cable diameter reduction from 3.35 mm to 3.20 mm, weight reduction, improved fire load and combustible material
12543842	4 GKW-AX 1800V 1X1.5 M BU	85148043 4 GKW-AX (EN50264-3-1) 1800V 1X1.5 M BU	Cable diameter reduction from 3.35 mm to 3.20 mm, weight reduction, improved fire load and combustible material
12567226	4 GKW-AX 1800V 1X1.5 M GY	85148044 4 GKW-AX (EN50264-3-1) 1800V 1X1.5 M GY	Cable diameter reduction from 3.35 mm to 3.20 mm, weight reduction, improved fire load and combustible material
12555769	4 GKW-AX 1800V 1X1.5 M RD	85148045 4 GKW-AX (EN50264-3-1) 1800V 1X1.5 M RD	Cable diameter reduction from 3.35 mm to 3.20 mm, weight reduction, improved fire load and combustible material
85078973	4 GKW-AX 1800V 1X1.5 M WH	85148046 4 GKW-AX (EN50264-3-1) 1800V 1X1.5 M WH	Cable diameter reduction from 3.35 mm to 3.20 mm, weight reduction, improved fire load and combustible material
12562189	4 GKW-AX 1800V 1X1.5 M YE	85148047 4 GKW-AX (EN50264-3-1) 1800V 1X1.5 M YE	Cable diameter reduction from 3.35 mm to 3.20 mm, weight reduction, improved fire load and combustible material
12536692	4 GKW-AX 1800V 1X2.5 M BK	85148048 4 GKW-AX (EN50264-3-1) 1800V 1X2.5 M BK	Cable diameter reduction from 3.75 mm to 3.65 mm, weight reduction, improved fire load and combustible material
12584664	4 GKW-AX 1800V 1X2.5 M BN	85148049 4 GKW-AX (EN50264-3-1) 1800V 1X2.5 M BN	Cable diameter reduction from 3.75 mm to 3.65 mm, weight reduction, improved fire load and combustible material
85067625	4 GKW-AX 1800V 1X2.5 M BU	85148050 4 GKW-AX (EN50264-3-1) 1800V 1X2.5 M BU	Cable diameter reduction from 3.75 mm to 3.65 mm, weight reduction, improved fire load and combustible material
12554310	4 GKW-AX 1800V 1X2.5 M RD	85148051 4 GKW-AX (EN50264-3-1) 1800V 1X2.5 M RD	Cable diameter reduction from 3.75 mm to 3.65 mm, weight reduction, improved fire load and combustible material
85067621	4 GKW-AX 1800V 1X2.5 M YE	85148052 4 GKW-AX (EN50264-3-1) 1800V 1X2.5 M YE	Cable diameter reduction from 3.75 mm to 3.65 mm, weight reduction, improved fire load and combustible material
12536694	4 GKW-AX (EN50264-3-1) 1800V 1X4 M BK	-	No change
85066538	4 GKW-AX (EN50264-3-1) 1800V 1X4 M BU	-	No change
12559555	4 GKW-AX (EN50264-3-1) 1800V 1X4 M RD	-	No change
85023707	4 GKW-AX (EN50264-3-1) 1800V 1X4 M WH	-	No change
85067561	4 GKW-AX (EN50264-3-1) 1800V 1X4 M YE	-	No change

Product Information			
Item number	Item Description	Substitute Item	
12536696	4 GKW-AX 1800V 1X6 M BK	85148053 4 GKW-AX (EN50264-3-1) 1800V 1X6 M BK	Cable diameter reduction from 5.20 mm to 5.10 mm, weight reduction, improved fire load and combustible material
12568594	4 GKW-AX 1800V 1X6 M BU	85148054 4 GKW-AX (EN50264-3-1) 1800V 1X6 M BU	Cable diameter reduction from 5.20 mm to 5.10 mm, weight reduction, improved fire load and combustible material
12582984	4 GKW-AX 1800V 1X6 M RD	85148055 4 GKW-AX (EN50264-3-1) 1800V 1X6 M RD	Cable diameter reduction from 5.20 mm to 5.10 mm, weight reduction, improved fire load and combustible material
84090550	4 GKW-AX 1800V 1X6 M WH	85148056 4 GKW-AX (EN50264-3-1) 1800V 1X6 M WH	Cable diameter reduction from 5.20 mm to 5.10 mm, weight reduction, improved fire load and combustible material
85031740	4 GKW-AX 1800V 1X6 M YE	85148057 4 GKW-AX (EN50264-3-1) 1800V 1X6 M YE	Cable diameter reduction from 5.20 mm to 5.10 mm, weight reduction, improved fire load and combustible material
12545527	4 GKW-AX 1800V 1X10 M BK	85148058 4 GKW-AX (EN50264-3-1) 1800V 1X10 M BK	Cable diameter reduction from 6.40 mm to 6.25 mm, weight reduction, improved fire load and combustible material
85067547	4 GKW-AX 1800V 1X10 M BU	85148059 4 GKW-AX (EN50264-3-1) 1800V 1X10 M BU	Cable diameter reduction from 6.40 mm to 6.25 mm, weight reduction, improved fire load and combustible material
12582985	4 GKW-AX 1800V 1X10 M RD	85148060 4 GKW-AX (EN50264-3-1) 1800V 1X10 M RD	Cable diameter reduction from 6.40 mm to 6.25 mm, weight reduction, improved fire load and combustible material
85067546	4 GKW-AX 1800V 1X10 M YE	85148061 4 GKW-AX (EN50264-3-1) 1800V 1X10 M YE	Cable diameter reduction from 6.40 mm to 6.25 mm, weight reduction, improved fire load and combustible material
12545528	4 GKW-AX 1800V 1X16 M BK	85148062 4 GKW-AX (EN50264-3-1) 1800V 1X16 M BK	Cable diameter reduction from 8.40 mm to 8.25 mm, weight reduction, improved fire load and combustible material Added separator between conductor and Insulation for improved strippability
85067520	4 GKW-AX 1800V 1X16 M BU	85148063 4 GKW-AX (EN50264-3-1) 1800V 1X16 M BU	Cable diameter reduction from 8.40 mm to 8.25 mm, weight reduction, improved fire load and combustible material Added separator between conductor and Insulation for improved strippability
12566008	4 GKW-AX 1800V 1X16 M RD	85148064 4 GKW-AX (EN50264-3-1) 1800V 1X16 M RD	Cable diameter reduction from 8.40 mm to 8.25 mm, weight reduction, improved fire load and combustible material Added separator between conductor and Insulation for improved strippability

Product Information			
Item number	Item Description	Substitute Item	
85067521	4 GKW-AX 1800V 1X16 M YE	85148065 4 GKW-AX (EN50264-3-1) 1800V 1X16 M YE	Cable diameter reduction from 8.40 mm to 8.25 mm, weight reduction, improved fire load and combustible material Added separator between conductor and Insulation for improved strippability
12545529	4 GKW-AX 1800V 1X25 M BK	85148066 4 GKW-AX (EN50264-3-1) 1800V 1X25 M BK	Cable diameter reduction from 10.20 mm to 10.10 mm, weight reduction, improved fire load and combustible material Added separator between conductor and Insulation for improved strippability
12568008	4 GKW-AX 1800V 1X35 M RD	85148086 4 GKW-AX EN50264-3-1 1800V 1X35 M RD	Cable diameter tolerance reduction from 0.30 mm to 0.20 mm, weight reduction, updated fire load and combustible material Added separator between conductor and Insulation for improved strippability
12568968	4 GKW-AX 1800V 1X25 M RD	85148067 4 GKW-AX (EN50264-3-1) 1800V 1X25 M RD	Cable diameter reduction from 10.20 mm to 10.10 mm, weight reduction, improved fire load and combustible material Added separator between conductor and Insulation for improved strippability
12545530	4 GKW-AX 1800V 1X35 M BK	85148084 4 GKW-AX EN50264-3-1 1800V 1X35 M BK	Cable diameter tolerance reduction from 0.30 mm to 0.20 mm, weight reduction, updated fire load and combustible material Added separator between conductor and Insulation for improved strippability
85019627	4 GKW-AX 1800V 1X35 M YE	85148087 4 GKW-AX EN50264-3-1 1800V 1X35 M YE	Cable diameter tolerance reduction from 0.30 mm to 0.20 mm, weight reduction, updated fire load and combustible material Added separator between conductor and Insulation for improved strippability
12545531	4 GKW-AX 1800V 1X50 M BK	85148089 4 GKW-AX EN50264-3-1 1800V 1X50 M BK	Cable diameter reduction from 13.50 mm to 13.30 mm, weight reduction, improved fire load and combustible material Added separator between conductor and Insulation for improved strippability
12582459	4 GKW-AX 1800V 1X50 M RD	85148091 4 GKW-AX EN50264-3-1 1800V 1X50 M RD	Cable diameter reduction from 13.50 mm to 13.30 mm, weight reduction, improved fire load and combustible material Added separator between conductor and Insulation for improved strippability

Product Information			
Item number	Item Description	Substitute Item	
12545532	4 GKW-AX 1800V 1X70 M BK	85148093 4 GKW-AX EN50264-3-1 1800V 1X70 M BK	Cable diameter reduction from 15.80 mm to 15.50 mm, weight reduction, improved fire load and combustible material Added separator between conductor and Insulation for improved strippability
12566010	4 GKW-AX 1800V 1X70 M RD	85148095 4 GKW-AX EN50264-3-1 1800V 1X70 M RD	Cable diameter reduction from 15.80 mm to 15.50 mm, weight reduction, improved fire load and combustible material Added separator between conductor and Insulation for improved strippability
12545533	4 GKW-AX 1800V 1X95 M BK	85148096 4 GKW-AX EN50264-3-1 1800V 1X95 M BK	Cable diameter reduction from 17.50 mm to 17.40 mm, weight reduction, improved fire load and combustible material Added separator between conductor and Insulation for improved strippability
12582460	4 GKW-AX 1800V 1X95 M RD	85148097 4 GKW-AX EN50264-3-1 1800V 1X95 M RD	Cable diameter reduction from 17.50 mm to 17.40 mm, weight reduction, improved fire load and combustible material Added separator between conductor and Insulation for improved strippability
12544522	4 GKW-AX 1800V 1X120 M BK	85148098 4 GKW-AX EN50264-3-1 1800V 1X120 M BK	Cable diameter reduction from 19.80 mm to 19.10 mm, weight reduction, improved fire load and combustible material Added separator between conductor and Insulation for improved strippability
12545534	4 GKW-AX 1800V 1X150 M BK	85148099 4 GKW-AX EN50264-3-1 1800V 1X150 M BK	Cable diameter reduction from 22.10 mm to 20.60 mm, weight reduction, improved fire load and combustible material Added separator between conductor and Insulation for improved strippability
85067494	4 GKW-AX 1800V 1X150 M BU	85148100 4 GKW-AX EN50264-3-1 1800V 1X150 M BU	Cable diameter reduction from 22.10 mm to 20.60 mm, weight reduction, improved fire load and combustible material Added separator between conductor and Insulation for improved strippability
85067468	4 GKW-AX 1800V 1X150 M RD	85148101 4 GKW-AX EN50264-3-1 1800V 1X150 M RD	Cable diameter reduction from 22.10 mm to 20.60 mm, weight reduction, improved fire load and combustible material Added separator between conductor and Insulation for improved strippability
85067495	4 GKW-AX 1800V 1X150 M YE	85148102 4 GKW-AX EN50264-3-1 1800V 1X150 M YE	Cable diameter reduction from 22.10 mm to 20.60 mm, weight reduction, improved fire load and combustible material Added separator between conductor and Insulation for improved strippability

Product Information			
Item number	Item Description	Substitute Item	
12544523	4 GKW-AX 1800V 1X185 M BK	85148103 4 GKW-AX EN50264-3-1 1800V 1X185 M BK	Cable diameter reduction from 24.00 mm to 22.80 mm, weight reduction, improved fire load and combustible material Added separator between conductor and Insulation for improved strippability
12559659	4 GKW-AX 1800V 1X185 M RD	85148104 4 GKW-AX EN50264-3-1 1800V 1X185 M RD	Cable diameter reduction from 24.00 mm to 22.80 mm, weight reduction, improved fire load and combustible material Added separator between conductor and Insulation for improved strippability
12547684	4 GKW-AX 1800V 1X240 M BK	85146006 4 GKW-AX EN50264-3-1 1800V 1X240 M BK	Cable diameter reduction from 27.00 mm to 25.90 mm, weight reduction, improved fire load and combustible material Added separator between conductor and Insulation for improved strippability
12552906	4 GKW-AX 1800V 1X300 M BK	85148105 4 GKW-AX EN50264-3-1 1800V 1X300 M BK	Cable diameter reduction from 29.90 mm to 28.10 mm, weight reduction, improved fire load and combustible material Added separator between conductor and Insulation for improved strippability
12555997	4 GKW-AX 1800V 1X400 M BK	85146304 4 GKW-AX EN50264-3-1 1800V 1X400 M BK	Cable diameter reduction from 34.10 mm to 32.10 mm, weight reduction, improved fire load and combustible material Added separator between conductor and Insulation for improved strippability
12584866	EN264-3-1 1800V 1X1.5 M BK	85148070 4 GKW-AX EN50264-3-1 1800V 1X1.5 M BK	Cable diameter reduction from 5.50 mm to 5.45 mm, weight reduction, improved fire load and combustible material
12584867	EN264-3-1 1800V 1G1.5 M GNYE	85148072 4 GKW-AX EN50264-3-1 1800V 1G1.5 M GNYE	Cable diameter reduction from 5.50 mm to 5.45 mm, weight reduction, improved fire load and combustible material
12584868	EN264-3-1 1800V 1X2.5 M BK	85148073 4 GKW-AX EN50264-3-1 1800V 1X2.5 M BK	Cable diameter reduction from 6.05 mm to 5.95 mm, weight reduction, improved fire load and combustible material
12584869	EN264-3-1 1800V 1G2.5 M GNYE	85148074 4 GKW-AX EN50264-3-1 1800V 1G2.5 M GNYE	Cable diameter reduction from 6.05 mm to 5.95 mm, weight reduction, improved fire load and combustible material
12584870	EN264-3-1 1800V 1X4 M BK	85148075 4 GKW-AX EN50264-3-1 1800V 1X4 M BK	Cable diameter reduction from 6.65 mm to 6.35 mm, weight reduction, improved fire load and combustible material
12584871	EN264-3-1 1800V 1G4 M GNYE	85148076 4 GKW-AX EN50264-3-1 1800V 1G4 M GNYE	Cable diameter reduction from 6.65 mm to 6.35 mm, weight reduction, improved fire load and combustible material

Product Information			
Item number	Item Description	Substitute Item	
12584872	EN264-3-1 1800V 1X6 M BK	85148077 4 GKW-AX EN50264-3-1 1800V 1X6 M BK	Cable diameter reduction from 7.15 mm to 6.85 mm, weight reduction, improved fire load and combustible material
12584873	EN264-3-1 1800V 1G6 M GNYE	85148078 4 GKW-AX EN50264-3-1 1800V 1G6 M GNYE	Cable diameter reduction from 7.15 mm to 6.85 mm, weight reduction, improved fire load and combustible material
12584874	EN264-3-1 1800V 1X10 M BK	85148079 4 GKW-AX EN50264-3-1 1800V 1X10 M BK	Cable diameter reduction from 8.15 mm to 7.80 mm, weight reduction, improved fire load and combustible material
12584875	EN264-3-1 1800V 1G10 M GNYE	85148080 4 GKW-AX EN50264-3-1 1800V 1G10 M GNYE	Cable diameter reduction from 8.15 mm to 7.80 mm, weight reduction, improved fire load and combustible material
12584876	EN264-3-1 1800V 1X16 M BK	85148081 4 GKW-AX EN50264-3-1 1800V 1X16 M BK	Cable diameter reduction from 9.60 mm to 9.30 mm, weight reduction, improved fire load and combustible material Added separator between conductor and Insulation for improved strippability
12584877	EN264-3-1 1800V 1G16 M GNYE	85148082 4 GKW-AX EN50264-3-1 1800V 1G16 M GNYE	Cable diameter reduction from 9.60 mm to 9.30 mm, weight reduction, improved fire load and combustible material Added separator between conductor and Insulation for improved strippability
12584878	EN264-3-1 1800V 1X25 M BK	85148083 4 GKW-AX EN50264-3-1 1800V 1X25 M BK	Cable diameter reduction from 11.00 mm to 10.60 mm, weight reduction, improved fire load and combustible material Added separator between conductor and Insulation for improved strippability
12584880	EN264-3-1 1800V 1X35 M BK	85148084 4 GKW-AX EN50264-3-1 1800V 1X35 M BK	Cable diameter reduction from 12.20 mm to 11.70 mm, weight reduction, improved fire load and combustible material Added separator between conductor and Insulation for improved strippability
12584881	EN264-3-1 1800V 1G35 M GNYE	85148085 4 GKW-AX EN50264-3-1 1800V 1G35 M GNYE	Cable diameter reduction from 12.20 mm to 11.70 mm, weight reduction, improved fire load and combustible material Added separator between conductor and Insulation for improved strippability
12584882	EN264-3-1 1800V 1X50 M BK	85148089 4 GKW-AX EN50264-3-1 1800V 1X50 M BK	Cable diameter reduction from 13.70 mm to 13.30 mm, weight reduction, improved fire load and combustible material Added separator between conductor and Insulation for improved strippability

Product Information			
Item number	Item Description	Substitute Item	
12584883	EN264-3-1 1800V 1G50 M GNYE	85148090 4 GKW-AX EN50264-3-1 1800V 1G50 M GNYE	Cable diameter reduction from 13.70 mm to 13.30 mm, weight reduction, improved fire load and combustible material Added separator between conductor and Insulation for improved strippability
12584884	EN264-3-1 1800V 1X70 M BK	85148093 4 GKW-AX EN50264-3-1 1800V 1X70 M BK	Cable diameter reduction from 16.20 mm to 15.50 mm, weight reduction, improved fire load and combustible material Added separator between conductor and Insulation for improved strippability
12584885	EN264-3-1 1800V 1G70 M GNYE	85148094 4 GKW-AX EN50264-3-1 1800V 1G70 M GNYE	Cable diameter reduction from 16.20 mm to 15.50 mm, weight reduction, improved fire load and combustible material Added separator between conductor and Insulation for improved strippability
12584886	EN264-3-1 1800V 1X95 M BK	85148096 4 GKW-AX EN50264-3-1 1800V 1X95 M BK	Cable diameter reduction from 17.60 mm to 17.40 mm, weight reduction, improved fire load and combustible material Added separator between conductor and Insulation for improved strippability
12584888	EN264-3-1 1800V 1X120 M BK	85148098 4 GKW-AX EN50264-3-1 1800V 1X120 M BK	Cable diameter reduction from 19.70 mm to 19.10 mm, weight reduction, improved fire load and combustible material Added separator between conductor and Insulation for improved strippability
12584890	EN264-3-1 1800V 1X150 M BK	85148099 4 GKW-AX EN50264-3-1 1800V 1X150 M BK	Cable diameter reduction from 21.60 mm to 20.60 mm, weight reduction, improved fire load and combustible material Added separator between conductor and Insulation for improved strippability
12584892	EN264-3-1 1800V 1X185 M BK	85148103 4 GKW-AX EN50264-3-1 1800V 1X185 M BK	Cable diameter reduction from 23.50 mm to 22.80 mm, weight reduction, improved fire load and combustible material Added separator between conductor and Insulation for improved strippability
12584894	EN264-3-1 1800V 1X240 M BK	85146006 4 GKW-AX EN50264-3-1 1800V 1X240 M BK	Cable diameter reduction from 26.40 mm to 25.90 mm, weight reduction, improved fire load and combustible material Added separator between conductor and Insulation for improved strippability
12584896	EN264-3-1 1800V 1X300 M BK	85148105 4 GKW-AX EN50264-3-1 1800V 1X300 M BK	Cable diameter reduction from 29.00 mm to 28.10 mm, weight reduction, improved fire load and combustible material Added separator between conductor and Insulation for improved strippability

Nevertheless, if you still need the previous products we want you to offer a **last order date**.

Last order date: 30.09.2024

The entire ordered material must be called off and delivered by: **31.03.2025** The products are then blocked and eliminated in the production plants

Please discuss the details (e.g. MOQ) with your local sales representative. We kindly ask you to call off the ordered quantity at once (no delivery splitting).

For detailed product information about the new/substitute products, please refer to the new data sheets. Do not hesitate to contact your local sales representative in case of any questions.

Thank you very much for your collaboration.

Yours sincerely



Bruno Tschirky
Senior Product Manager Railway



Jörg Kühne
Head Application Engineering Railway