nVent | ERIFLEX

We connect and protect

IBS/IBSB Advanced Insulated Braided Conductor, Halogen Free

IBS/IBSB Advanced Insulated Braided Conductor, Halogen Free is the ideal ready-to-install flexible wire replacement solution that is specifically designed for connections to all molded case circuit breakers, including the most compact breakers on the market. IBS/IBSB Advanced connects to the front access terminals of the breakers without any additional accessories, such as angular connectors, spreaders, ring terminal connectors or extenders. IBS/IBSB Advanced is available in cross sections of 25 to 240 mm² (49.34 to 273.65 kcmil), lengths from 230 to 1,030 mm (9.06" to 40.55"), and 80 to 700 A.

Manufactured in an ISO 9001 2015 certified automated facility, IBS/IBSB Advanced is formed by weaving high-quality electrolytic copper wire to form a durable low voltage connector with maximum flexibility which allows for more compact power connections to circuit breakers. The IBS/IBSB Advanced allows users to reduce the total size and weight of the installation, improving both design flexibility and assembly aesthetics.

The unique manufacturing process of integral pre-punched palms make IBS/IBSB Advanced ready to connect out of the box. There are no lugs to purchase or install, making connections simpler and faster and eliminates faulty connections due to vibration or fatigue.

IBS/IBSB Advanced is compatible with all major brand molded case circuit breakers.

The advanced technology insulation is a high-resistance low smoke, halogen-free and flame retardant thermoplastic.

IBS/IBSB Advanced does not generate corrosive gases and produces a relatively low smoke opacity in accordance with IEC 61034-2 and UL 2885. The low smoke characteristic improves visibility conditions for people to be able to easily locate the emergency exit and also allows rescue workers to better assess an emergency situation. IBS/IBSB Advanced means greater safety for individuals, less damage for your electrical equipment and less environmental impact.

The halogen–free feature enables a reduction in the quantity of toxic smoke. IBS/IBSB Advanced does not contain any halogens, according to IEC 60754-1 and UL 2885, minimizing toxicity and making it the ideal product for

use in enclosed spaces such as data centers, rail, and public facilities such as hospitals and schools. This also facilitates the use of IBS/IBSB Advanced in specific applications such as submarines, switchboards and other enclosed environments that require a low emissions solution.

In addition to the above features, IBS/IBSB Advanced is compliant with the UL 94-V0 testing standard and glow wire test 960 °C. The flame retardant portion of the test illustrates the self-extinguish feature. This superior feature of IBS/IBSB Advanced is also shown by the Limiting Oxygen Index (LOI) at 30%. In case of fire, IBS/IBSB Advanced generates a limited quantity of smoke that is less damaging to your electrical equipment.

CERTIFICATIONS

CARACTERISTICAS

Suitable for all main molded case circuit breakers
Resistant to vibration, improving reliability and performance
Insulated by high-resistance, halogen free, flame retardant and low smoke material
Tinned copper provides superior corrosion resistance
Improves assembly flexibility and aesthetics
Quick and easy installation
No additional cutting, stripping, crimping and punching needed
Integral palm without lugs or terminals reduces material and assembly weight
Conforms to NF EN 45545 obtaining an HL3 classification for chapters R22 and R23
DNV GL® and Bureau Veritas certified for marine and offshore applications
Small wire diameter provides maximum flexibility
Dramatically smaller and more flexible than comparable cable based on ampacity
Better power density than cable with lower skin effect ratio
Reduces total installation cost
RoHS compliant
Tinned copper allows for copper or aluminum conductor connections
On request, can be manufactured with other colors (typically with Orange sleeve for battery connection)

ESPECIFICAÇÕES

Diâmetro do fio:	0.15mm
Espessura do isolamento:	1.8 mm
Rigidez dielétrica:	20
Insulation Elongation:	500 %
Max Working Voltage, UL 67:	600
Max Working Voltage, IEC/UL 758 :	1000;1500
Max Working Voltage, EN 50264-3-1:	6000V
Em conformidade com:	IEC® 60439.1;IEC® 60695-2-11 (Glow Wire Test 960 °C);IEC® 61439.1;IEC® 61439.1 Class II
Halogen Free Rating:	UL® 2885;IEC® 60754-1;IEC® 62821-1
Low Smoke Rating:	IEC® 61034-2;ISO 5659-2;UL® 2885
UV Resistance Rating:	UL® 2556;UL® 854
Certification Details:	UL® 67;UL® 758
Flammability Rating:	UL® 94V-0
Temperatura de trabalho:	-50 to 115 °C

Table 1/3

Número de catálogo	Número do artigo	Typical Application Current Rating	Peak Short Circuit Current (Ipk)	Acabamento	Material	Corte transversal
IBSBADV50-530	534410	250 A	30kA	Tinned	Copper, Elastômero Termoplástico	50mm²
IBSBADV50-630	534411	250 A	30kA	Tinned	Copper, Elastômero Termoplástico	50mm²
IBSBADV50-830	534412	250 A	30kA	Tinned	Copper, Elastômero Termoplástico	50mm²
IBSBADV70-1030	534420	300 A	30kA	Tinned	Copper, Elastômero Termoplástico	70mm²
IBSBADV70-230	534414	300 A	30kA	Tinned	Copper, Elastômero Termoplástico	70mm²
IBSBADV70-330	534415	300 A	30kA	Tinned	Copper, Elastômero Termoplástico	70mm²
IBSBADV70-430	534416	300 A	30kA	Tinned	Copper, Elastômero Termoplástico	70mm²

Número de catálogo	Número do artigo	Typical Application Current Rating	Peak Short Circuit Current (Ipk)	Acabamento	Material	Corte transversal
IBSBADV70-530	534417	300 A	30kA	Tinned	Copper, Elastômero Termoplástico	70mm²
IBSBADV70-630	534418	300 A	30kA	Tinned	Copper, Elastômero Termoplástico	70mm²
IBSBADV70-830	534419	300 A	30kA	Tinned	Copper, Elastômero Termoplástico	70mm²
IBSBADV240-1030	534446	630 A	80kA	Bare, Tinned	Copper, Elastômero Termoplástico	240mm²
IBSBADV240-330	534441	630 A	80kA	Bare, Tinned	Copper, Elastômero Termoplástico	240mm²
IBSBADV240-430	534442	630 A	80kA	Bare, Tinned	Copper, Elastômero Termoplástico	240mm²
IBSBADV240-530	534443	630 A	80kA	Bare, Tinned	Copper, Elastômero Termoplástico	240mm²
IBSBADV240-630	534444	630 A	80kA	Bare, Tinned	Copper, Elastômero Termoplástico	240mm²
IBSBADV240-830	534445	630 A	80kA	Bare, Tinned	Copper, Elastômero Termoplástico	240mm²
IBSBADV25-1030	534406	160 A	14kA	Tinned	Copper, Elastômero Termoplástico	25mm²
IBSBADV25-230	534400	160 A	14kA	Tinned	Copper, Elastômero Termoplástico	25mm²
IBSBADV25-330	534401	160 A	14kA	Tinned	Copper, Elastômero Termoplástico	25mm²
IBSBADV25-430	534402	160 A	14kA	Tinned	Copper, Elastômero Termoplástico	25mm²

Número de catálogo	Número do artigo	Typical Application Current Rating	Peak Short Circuit Current (Ipk)	Acabamento	Material	Corte transversal
IBSBADV25-530	534403	160 A	14kA	Tinned	Copper, Elastômero Termoplástico	25mm²
IBSBADV25-630	534404	160 A	14kA	Tinned	Copper, Elastômero Termoplástico	25mm²
IBSBADV25-830	534405	160 A	14kA	Tinned	Copper, Elastômero Termoplástico	25mm²
IBSBADV50-1030	534413	250 A	30kA	Tinned	Copper, Elastômero Termoplástico	50mm²
IBSBADV50-230	534407	250 A	30kA	Tinned	Copper, Elastômero Termoplástico	50mm²
IBSBADV50-330	534408	250 A	30kA	Tinned	Copper, Elastômero Termoplástico	50mm²
IBSBADV50-430	534409	250 A	30kA	Tinned	Copper, Elastômero Termoplástico	50mm²
IBSADV25-1030	534506	160 A	14kA	Tinned	Copper, Elastômero Termoplástico	25mm²
IBSADV25-230	534500	160 A	14kA	Tinned	Copper, Elastômero Termoplástico	25mm²
IBSADV25-330	534501	160 A	14kA	Tinned	Copper, Elastômero Termoplástico	25mm²
IBSADV25-430	534502	160 A	14kA	Tinned	Copper, Elastômero Termoplástico	25mm²
IBSADV25-530	534503	160 A	14kA	Tinned	Copper, Elastômero Termoplástico	25mm²
IBSADV25-630	534504	160 A	14kA	Tinned	Copper, Elastômero Termoplástico	25mm²
IBSADV25-830	534505	160 A	14kA	Tinned	Copper, Elastômero Termoplástico	25mm²

Número de catálogo	Número do artigo	Typical Application Current Rating	Peak Short Circuit Current (Ipk)	Acabamento	Material	Corte transversal
IBSADV50-1030	534513	250 A	30kA	Tinned	Copper, Elastômero Termoplástico	50mm²
IBSADV50-230	534507	250 A	30kA	Tinned	Copper, Elastômero Termoplástico	50mm²
IBSADV50-330	534508	250 A	30kA	Tinned	Copper, Elastômero Termoplástico	50mm²
IBSADV50-430	534509	250 A	30kA	Tinned	Copper, Elastômero Termoplástico	50mm²
IBSADV50-530	534510	250 A	30kA	Tinned	Copper, Elastômero Termoplástico	50mm²
IBSADV50-630	534511	250 A	30kA	Tinned	Copper, Elastômero Termoplástico	50mm²
IBSADV50-830	534512	250 A	30kA	Tinned	Copper, Elastômero Termoplástico	50mm²
IBSBADV100-1030	534427	350 A	70kA	Tinned	Copper, Elastômero Termoplástico	100mm²
IBSBADV100-230	534421	350 A	70kA	Tinned	Copper, Elastômero Termoplástico	100mm²
IBSBADV100-330	534422	350 A	70kA	Tinned	Copper, Elastômero Termoplástico	100mm²
IBSBADV100-430	534423	350 A	70kA	Tinned	Copper, Elastômero Termoplástico	100mm²
IBSBADV100-530	534424	350 A	70kA	Tinned	Copper, Elastômero Termoplástico	100mm²
IBSBADV100-630	534425	350 A	70kA	Tinned	Copper, Elastômero Termoplástico	100mm²

Número de catálogo	Número do artigo	Typical Application Current Rating	Peak Short Circuit Current (Ipk)	Acabamento	Material	Corte transversal
IBSBADV100-830	534426	350 A	70kA	Tinned	Copper, Elastômero Termoplástico	100mm²
IBSBADV120-1030	534434	400 A	70kA	Tinned	Copper, Elastômero Termoplástico	120mm²
IBSBADV120-230	534428	400 A	70kA	Tinned	Copper, Elastômero Termoplástico	120mm²
IBSBADV120-330	534429	400 A	70kA	Tinned	Copper, Elastômero Termoplástico	120mm²
IBSBADV120-430	534430	400 A	70kA	Tinned	Copper, Elastômero Termoplástico	120mm²
IBSBADV120-530	534431	400 A	70kA	Tinned	Copper, Elastômero Termoplástico	120mm²
IBSBADV120-630	534432	400 A	70kA	Tinned	Copper, Elastômero Termoplástico	120mm²
IBSBADV120-830	534433	400 A	70kA	Tinned	Copper, Elastômero Termoplástico	120mm²
IBSBADV185-1030	534440	500 A	70kA	Tinned	Copper, Elastômero Termoplástico	185mm²
IBSBADV185-330	534435	500 A	70kA	Tinned	Copper, Elastômero Termoplástico	185mm²
IBSBADV185-430	534436	500 A	70kA	Tinned	Copper, Elastômero Termoplástico	185mm²
IBSBADV185-530	534437	500 A	70kA	Tinned	Copper, Elastômero Termoplástico	185mm²
IBSBADV185-630	534438	500 A	70kA	Tinned	Copper, Elastômero Termoplástico	185mm²

Número de catálogo	Número do artigo	Typical Application Current Rating	Peak Short Circuit Current (Ipk)	Acabamento	Material	Corte transversal
IBSBADV185-830	534439	500 A	70kA	Tinned	Copper, Elastômero Termoplástico	185mm²

Table 2/3

Número de catálogo	Número do artigo	Largura do condutor	Espessura do condutor	Length (L)	A	B
IBSBADV50-530	534410	20 mm	2.8 mm	530mm	9 mm	11 mm
IBSBADV50-630	534411	20 mm	2.8 mm	630mm	9 mm	11 mm
IBSBADV50-830	534412	20 mm	2.8 mm	830mm	9 mm	11 mm
IBSBADV70-1030	534420	20 mm	4.3 mm	1030mm	9 mm	11 mm
IBSBADV70-230	534414	20 mm	4.3 mm	230mm	9 mm	11 mm
IBSBADV70-330	534415	20 mm	4.3 mm	330mm	9 mm	11 mm
IBSBADV70-430	534416	20 mm	4.3 mm	430mm	9 mm	11 mm
IBSBADV70-530	534417	20 mm	4.3 mm	530mm	9 mm	11 mm
IBSBADV70-630	534418	20 mm	4.3 mm	630mm	9 mm	11 mm
IBSBADV70-830	534419	20 mm	4.3 mm	830mm	9 mm	11 mm
IBSBADV240-1030	534446	32 mm	9.2 mm	1030mm	12 mm	14 mm
IBSBADV240-330	534441	32 mm	9.2 mm	330mm	12 mm	14 mm
IBSBADV240-430	534442	32 mm	9.2 mm	430mm	12 mm	14 mm

Número de catálogo	Número do artigo	Largura do condutor	Espessura do condutor	Length (L)	A	B
IBSBADV240-530	534443	32 mm	9.2 mm	530mm	12 mm	14 mm
IBSBADV240-630	534444	32 mm	9.2 mm	630mm	12 mm	14 mm
IBSBADV240-830	534445	32 mm	9.2 mm	830mm	12 mm	14 mm
IBSBADV25-1030	534406	12 mm	2.8 mm	1030mm	6.5 mm	6.5 mm
IBSBADV25-230	534400	12 mm	2.8 mm	230mm	6.5 mm	6.5 mm
IBSBADV25-330	534401	12 mm	2.8 mm	330mm	6.5 mm	6.5 mm
IBSBADV25-430	534402	12 mm	2.8 mm	430mm	6.5 mm	6.5 mm
IBSBADV25-530	534403	12 mm	2.8 mm	530mm	6.5 mm	6.5 mm
IBSBADV25-630	534404	12 mm	2.8 mm	630mm	6.5 mm	6.5 mm
IBSBADV25-830	534405	12 mm	2.8 mm	830mm	6.5 mm	6.5 mm
IBSBADV50-1030	534413	20 mm	2.8 mm	1030mm	9 mm	11 mm
IBSBADV50-230	534407	20 mm	2.8 mm	230mm	9 mm	11 mm
IBSBADV50-330	534408	20 mm	2.8 mm	330mm	9 mm	11 mm
IBSBADV50-430	534409	20 mm	2.8 mm	430mm	9 mm	11 mm
IBSADV25-1030	534506	20 mm	1.9 mm	1030mm	10 mm	12 mm
IBSADV25-230	534500	20 mm	1.9 mm	230mm	10 mm	12 mm

Número de catálogo	Número do artigo	Largura do condutor	Espessura do condutor	Length (L)	A	B
IBSADV25-330	534501	20 mm	1.9 mm	330mm	10 mm	12 mm
IBSADV25-430	534502	20 mm	1.9 mm	430mm	10 mm	12 mm
IBSADV25-530	534503	20 mm	1.9 mm	530mm	10 mm	12 mm
IBSADV25-630	534504	20 mm	1.9 mm	630mm	10 mm	12 mm
IBSADV25-830	534505	20 mm	1.9 mm	830mm	10 mm	12 mm
IBSADV50-1030	534513	20 mm	2.8 mm	1030mm	12 mm	12 mm
IBSADV50-230	534507	20 mm	2.8 mm	230mm	12 mm	12 mm
IBSADV50-330	534508	20 mm	2.8 mm	330mm	12 mm	12 mm
IBSADV50-430	534509	20 mm	2.8 mm	430mm	12 mm	12 mm
IBSADV50-530	534510	20 mm	2.8 mm	530mm	12 mm	12 mm
IBSADV50-630	534511	20 mm	2.8 mm	630mm	12 mm	12 mm
IBSADV50-830	534512	20 mm	2.8 mm	830mm	12 mm	12 mm
IBSBADV100-1030	534427	24 mm	5 mm	1030mm	9 mm	11 mm
IBSBADV100-230	534421	24 mm	5 mm	230mm	9 mm	11 mm
IBSBADV100-330	534422	24 mm	5 mm	330mm	9 mm	11 mm
IBSBADV100-430	534423	24 mm	5 mm	430mm	9 mm	11 mm

Número de catálogo	Número do artigo	Largura do condutor	Espessura do condutor	Length (L)	A	B
IBSBADV100-530	534424	24 mm	5 mm	530mm	9 mm	11 mm
IBSBADV100-630	534425	24 mm	5 mm	630mm	9 mm	11 mm
IBSBADV100-830	534426	24 mm	5 mm	830mm	9 mm	11 mm
IBSBADV120-1030	534434	32 mm	4.4 mm	1030mm	11 mm	11 mm
IBSBADV120-230	534428	32 mm	4.4 mm	230mm	11 mm	11 mm
IBSBADV120-330	534429	32 mm	4.4 mm	330mm	11 mm	11 mm
IBSBADV120-430	534430	32 mm	4.4 mm	430mm	11 mm	11 mm
IBSBADV120-530	534431	32 mm	4.4 mm	530mm	11 mm	11 mm
IBSBADV120-630	534432	32 mm	4.4 mm	630mm	11 mm	11 mm
IBSBADV120-830	534433	32 mm	4.4 mm	830mm	11 mm	11 mm
IBSBADV185-1030	534440	32 mm	7.1 mm	1030mm	12 mm	14 mm
IBSBADV185-330	534435	32 mm	7.1 mm	330mm	12 mm	14 mm
IBSBADV185-430	534436	32 mm	7.1 mm	430mm	12 mm	14 mm

Número de catálogo	Número do artigo	Largura do condutor	Espessura do condutor	Length (L)	A	B
IBSBADV185-530	534437	32 mm	7.1 mm	530mm	12 mm	14 mm
IBSBADV185-630	534438	32 mm	7.1 mm	630mm	12 mm	14 mm
IBSBADV185-830	534439	32 mm	7.1 mm	830mm	12 mm	14 mm

Table 3/3

Número de catálogo	Número do artigo	C	D	Tamanho do orifício 1 (HS1)	Tamanho do orifício 2 (HS2)	Peso unitário
IBSBADV50-530	534410	27 mm	8 mm	8.5 mm	10.5 mm	0.33 kg
IBSBADV50-630	534411	27 mm	8 mm	8.5 mm	10.5 mm	0.39 kg
IBSBADV50-830	534412	27 mm	8 mm	8.5 mm	10.5 mm	0.52 kg
IBSBADV70-1030	534420	27 mm	11 mm	8.5 mm	10.5 mm	0.86 kg
IBSBADV70-230	534414	27 mm	11 mm	8.5 mm	10.5 mm	0.2 kg
IBSBADV70-330	534415	27 mm	11 mm	8.5 mm	10.5 mm	0.28 kg
IBSBADV70-430	534416	27 mm	11 mm	8.5 mm	10.5 mm	0.36 kg
IBSBADV70-530	534417	27 mm	11 mm	8.5 mm	10.5 mm	0.44 kg
IBSBADV70-630	534418	27 mm	11 mm	8.5 mm	10.5 mm	0.53 kg
IBSBADV70-830	534419	27 mm	11 mm	8.5 mm	10.5 mm	0.7 kg
IBSBADV240-1030	534446	39 mm	18.5 mm	10.5 mm	12.5 mm	2.67 kg

Número de catálogo	Número do artigo	C	D	Tamanho do orifício 1 (HS1)	Tamanho do orifício 2 (HS2)	Peso unitário
IBSBADV240-330	534441	39 mm	18.5 mm	10.5 mm	12.5 mm	0.89 kg
IBSBADV240-430	534442	39 mm	18.5 mm	10.5 mm	12.5 mm	1.14 kg
IBSBADV240-530	534443	39 mm	18.5 mm	10.5 mm	12.5 mm	1.4 kg
IBSBADV240-630	534444	39 mm	18.5 mm	10.5 mm	12.5 mm	1.65 kg
IBSBADV240-830	534445	39 mm	18.5 mm	10.5 mm	12.5 mm	2.16 kg
IBSBADV25-1030	534406	18 mm	9 mm	6.5 mm	6.5 mm	0.35 kg
IBSBADV25-230	534400	18 mm	9 mm	6.5 mm	6.5 mm	0.08 kg
IBSBADV25-330	534401	18 mm	9 mm	6.5 mm	6.5 mm	0.11 kg
IBSBADV25-430	534402	18 mm	9 mm	6.5 mm	6.5 mm	0.15 kg
IBSBADV25-530	534403	18 mm	9 mm	6.5 mm	6.5 mm	0.18 kg
IBSBADV25-630	534404	18 mm	9 mm	6.5 mm	6.5 mm	0.22 kg
IBSBADV25-830	534405	18 mm	9 mm	6.5 mm	6.5 mm	0.28 kg
IBSBADV50-1030	534413	27 mm	8 mm	8.5 mm	10.5 mm	0.64 kg
IBSBADV50-230	534407	27 mm	8 mm	8.5 mm	10.5 mm	0.15 kg
IBSBADV50-330	534408	27 mm	8 mm	8.5 mm	10.5 mm	0.21 kg
IBSBADV50-430	534409	27 mm	8 mm	8.5 mm	10.5 mm	0.27 kg

Número de catálogo	Número do artigo	C	D	Tamanho do orifício 1 (HS1)	Tamanho do orifício 2 (HS2)	Peso unitário
IBSADV25-1030	534506	25 mm	6 mm	8.5 mm	10.5 mm	0.41 kg
IBSADV25-230	534500	25 mm	6 mm	8.5 mm	10.5 mm	0.95 kg
IBSADV25-330	534501	25 mm	6 mm	8.5 mm	10.5 mm	0.14 kg
IBSADV25-430	534502	25 mm	6 mm	8.5 mm	10.5 mm	0.17 kg
IBSADV25-530	534503	25 mm	6 mm	8.5 mm	10.5 mm	0.21 kg
IBSADV25-630	534504	25 mm	6 mm	8.5 mm	10.5 mm	0.25 kg
IBSADV25-830	534505	25 mm	6 mm	8.5 mm	10.5 mm	0.33 kg
IBSADV50-1030	534513	27 mm	8 mm	10.5 mm	10.5 mm	0.65 kg
IBSADV50-230	534507	27 mm	8 mm	10.5 mm	10.5 mm	0.16 kg
IBSADV50-330	534508	27 mm	8 mm	10.5 mm	10.5 mm	0.22 kg
IBSADV50-430	534509	27 mm	8 mm	10.5 mm	10.5 mm	0.29 kg
IBSADV50-530	534510	27 mm	8 mm	10.5 mm	10.5 mm	0.35 kg
IBSADV50-630	534511	27 mm	8 mm	10.5 mm	10.5 mm	0.41 kg
IBSADV50-830	534512	27 mm	8 mm	10.5 mm	10.5 mm	0.53 kg
IBSBADV100-1030	534427	31 mm	13 mm	8.5 mm	10.5 mm	1.19 kg
IBSBADV100-230	534421	31 mm	13 mm	8.5 mm	10.5 mm	0.27 kg
IBSBADV100-330	534422	31 mm	13 mm	8.5 mm	10.5 mm	0.39 kg

Número de catálogo	Número do artigo	C	D	Tamanho do orifício 1 (HS1)	Tamanho do orifício 2 (HS2)	Peso unitário
IBSBADV100-430	534423	31 mm	13 mm	8.5 mm	10.5 mm	0.5 kg
IBSBADV100-530	534424	31 mm	13 mm	8.5 mm	10.5 mm	0.62 kg
IBSBADV100-630	534425	31 mm	13 mm	8.5 mm	10.5 mm	0.73 kg
IBSBADV100-830	534426	31 mm	13 mm	8.5 mm	10.5 mm	0.96 kg
IBSBADV120-1030	534434	39 mm	12 mm	10.5 mm	10.5 mm	1.43 kg
IBSBADV120-230	534428	39 mm	12 mm	10.5 mm	10.5 mm	0.33 kg
IBSBADV120-330	534429	39 mm	12 mm	10.5 mm	10.5 mm	0.47 kg
IBSBADV120-430	534430	39 mm	12 mm	10.5 mm	10.5 mm	0.6 kg
IBSBADV120-530	534431	39 mm	12 mm	10.5 mm	10.5 mm	0.74 kg
IBSBADV120-630	534432	39 mm	12 mm	10.5 mm	10.5 mm	0.88 kg
IBSBADV120-830	534433	39 mm	12 mm	10.5 mm	10.5 mm	1.15 kg
IBSBADV185-1030	534440	39 mm	16 mm	10.5 mm	12.5 mm	2.1 kg
IBSBADV185-330	534435	39 mm	16 mm	10.5 mm	12.5 mm	0.7 kg

Número de catálogo	Número do artigo	C	D	Tamanho do orifício 1 (HS1)	Tamanho do orifício 2 (HS2)	Peso unitário
IBSBADV185-430	534436	39 mm	16 mm	10.5 mm	12.5 mm	0.9 kg
IBSBADV185-530	534437	39 mm	16 mm	10.5 mm	12.5 mm	1.1 kg
IBSBADV185-630	534438	39 mm	16 mm	10.5 mm	12.5 mm	1.3 kg
IBSBADV185-830	534439	39 mm	16 mm	10.5 mm	12.5 mm	1.7 kg

DETALHES ADICIONAIS DO PRODUTO

ΔT = Temperature of conductors – Internal temperature of panel.

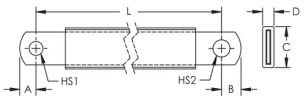
This table indicates the temperature rise produced by chosen current in the given section. This calculation does not take into account the heat dissipation from the switch gear.

IBSB Advanced Insulated Braided Conductor with a cross section of 240 mm² (473.65 kcmil) is constructed of red copper strands with tinned palms.

Distance between supports must not exceed 630 mm (17.8") according to IEC 61439-1.

Maximum Ampacity Ratings									
Cross Section (mm²/kcmil)	ΔT 30° C (A)	ΔT 40° C (A)	ΔT 45° C (A)	ΔT 50° C (A)	ΔT 55° C (A)	ΔT 60° C (A)	ΔT 70° C (A)	2 Bar Current Coefficient	3 Bar Current Coefficient
25/49.34	116	134	142	150	157	164	177	1.6	2
50/98.68	213	246	260	274	288	301	325	1.6	2
70/138.15	226	261	277	291	306	319	345	1.6	2
100/197.35	298	344	365	385	404	422	456	1.6	2
120/236.82	363	419	444	468	491	513	554	1.6	2
185/365.1	416	480	509	537	563	588	635	1.6	2
240/473.65	556	642	681	718	753	786	849	1.6	2

DIAGRAMAS



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Os produtos nVent devem ser instalados e utilizados apenas conforme indicado nas fichas de instrução do produto e materiais de treinamento da nVent. As fichas de instrução estão disponíveis em www.nVent.com e com nossos representantes de atendimento ao cliente nVent. A instalação inadequada, uso incorreto, aplicação incorreta ou outra falha qualquer em seguir completamente as instruções e avisos da nVent podem levar ao mau funcionamento do produto, danos à propriedade, lesões corporais graves e morte, e/ou anular sua garantia.

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