

nVent ERIFLEX Flexibar Advanced, Tinned Copper

After extensive research, nVent ERIFLEX is proud to establish a new gold standard in terms of insulation for flexible busbar called nVent ERIFLEX Flexibar Advanced. The new product is low smoke, halogen-free and flame retardant all while maintaining the level of flexibility and reliability that our partners have come to expect from nVent ERIFLEX Flexibar.

Compared to standard PVC insulation, nVent ERIFLEX Flexibar Advanced does not generate corrosive gases and produces a relatively low smoke opacity in accordance with ISO 5659-2. The low smoke characteristic improves the visibility conditions for people to be able to easily locate the emergency exit and also allows rescue workers to assess an emergency situation more clearly. nVent ERIFLEX Flexibar 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. nVent ERIFLEX Flexibar Advanced does not contain any halogens, according to IEC 60754-1, minimizing toxicity and making it the ideal product for use in enclosed spaces such as data centers, rail and other spaces where people are welcome such as hospitals and schools. This also facilitates the use of nVent ERIFLEX Flexibar Advanced in specific applications such as submarines, switchboards and other enclosed environments that require a low emissions solution.

In addition to being halogen-free, nVent ERIFLEX Flexibar Advanced is also compliant with the UL 94-V0 testing standard. The flame retardant portion of the test illustrates the self-extinguish feature. This superior feature of nVent ERIFLEX Flexibar Advanced is also shown by the Limiting Oxygen Index (LOI) at 30%. In case of fire, ERIFLEX Flexibar Advanced generates a limited quantity of smoke that is less damaging to your electrical equipment.



CERTIFICATIONS



CARACTERÍSTICAS

Thin layers of tinned electrolytic copper formed into a stack

Full range from 19.5 mm² up to 1200 mm² and 125 A to 2800 A

Insulated by high-resistance, halogen free, flame retardant and low smoke material with less than 20% contact with conductor for high flexibility

Easily bent, folded, and twisted, improving assembly flexibility, shortening connections, and decreasing footprint

Dramatically smaller and more flexible than comparable cable based on ampacity

Better power density than cable with lower skin effect ratio

Connections made by punching and bolting directly through the copper laminates or clamping onto the end of the nVent ERIFLEX Flexibar

No lugs needed, reducing installation time and improving resistance to vibration

Weight savings and material savings compared to wire alternatives

Reduces total installation cost

Traceability codes and designation part numbers printed on insulation

Conforms to NF EN 45545 obtaining an HL3 classification for chapters R22 and R23

100% production dielectric tested

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)

Compliant to ISO 6469-1 (Electrically propelled road vehicles - Part 1: Rechargeable energy storage system) - Section 6.2.2 Vibrations

UL® 758 Appliance Wiring Material, Model Style 11992

ESPECIFICAÇÕES

Espeçura do isolamento:	1.8 mm
Rigidez dielétrica:	20
Insulation Elongation:	500 %
Max Working Voltage, UL/CSA/IEC:	1000V;1500V
Max Working Voltage, EN 50264-3-1:	6000V
Em conformidade com:	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
Smoke, Toxicity and Acidity Rating:	IEC® 60754-2
Low Smoke Rating:	IEC® 61034-2;ISO 5659-2;UL® 2885
Acabamento:	Tinned
UV Resistance Rating:	UL® 854;UL® 2556
Certification Details:	UL® 67;UL® 758 Style 11992
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, IEC	Length (L)	Material	ΔT 30 K	ΔT 40 K
FADV2MTC3X1 3	534004	125 A	2000mm	Copper, Elastômero Termoplástico	128A	150A
FADV2MTC6X1 3	534005	250 A	2000mm	Copper, Elastômero Termoplástico	188A	226A
FADV2MTC8X6	534000	125 A	2000mm	Copper, Elastômero Termoplástico	131A	143A
FADV2MTC10X 15-5	534009	400 A	2000mm	Copper, Elastômero Termoplástico	387A	407A
FADV2MTC2X1 5-5	534006	125 A	2000mm	Copper, Elastômero Termoplástico	152A	191A
FADV2MTC3X9	534001	125 A	2000mm	Copper, Elastômero Termoplástico	126A	120A
FADV2MTC4X1 5-5	534007	250 A	2000mm	Copper, Elastômero Termoplástico	223A	286A
FADV2MTC6X1 5-5	534008	400 A	2000mm	Copper, Elastômero Termoplástico	282A	360A
FADV2MTC6X9	534002	125 A	2000mm	Copper, Elastômero Termoplástico	192A	220A
FADV2MTC9X9	534003	250 A	2000mm	Copper, Elastômero Termoplástico	251A	237A

Número de catálogo	Número do artigo	Typical Application Current Rating, IEC	Length (L)	Material	ΔT 30 K	ΔT 40 K
FADV2MTC10X 100	534058	1600 A	2000mm	Copper, Elastômero Termoplástico	1765A	1775A
FADV2MTC10X 120	534060	1600 A	2000mm	Copper, Elastômero Termoplástico	2049A	2070A
FADV2MTC10X 20X1	534015	630 A	2000mm	Copper, Elastômero Termoplástico	532A	576A
FADV2MTC10X 24X1	534022	800 A	2000mm	Copper, Elastômero Termoplástico	606A	716A
FADV2MTC10X 32X1	534029	1000 A	2000mm	Copper, Elastômero Termoplástico	745A	930A
FADV2MTC10X 40X1	534036	1000 A	2000mm	Copper, Elastômero Termoplástico	879A	1055A
FADV2MTC10X 50X1	534042	1250 A	2000mm	Copper, Elastômero Termoplástico	1040A	1245A
FADV2MTC10X 63X1	534048	1600 A	2000mm	Copper, Elastômero Termoplástico	1232A	1435A
FADV2MTC10X 80X1	534053	1600 A	2000mm	Copper, Elastômero Termoplástico	1484A	1585A
FADV2MTC12X 100	534059	1600 A	2000mm	Copper, Elastômero Termoplástico	1920A	1890A
FADV2MTC2X2 0X1	534010	250 A	2000mm	Copper, Elastômero Termoplástico	211A	246A
FADV2MTC2X2 4X1	534016	250 A	2000mm	Copper, Elastômero Termoplástico	244A	340A
FADV2MTC2X3 2X1	534023	400 A	2000mm	Copper, Elastômero Termoplástico	311A	363A

Número de catálogo	Número do artigo	Typical Application Current Rating, IEC	Length (L)	Material	ΔT 30 K	ΔT 40 K
FADV2MTC2X4 0X1	534030	400 A	2000mm	Copper, Elastômero Termoplástico	376A	406A
FADV2MTC3X2 0X1	534011	250 A	2000mm	Copper, Elastômero Termoplástico	263A	323A
FADV2MTC3X2 4X1	534017	400 A	2000mm	Copper, Elastômero Termoplástico	304A	370A
FADV2MTC3X3 2X1	534024	400 A	2000mm	Copper, Elastômero Termoplástico	385A	430A
FADV2MTC3X4 0X1	534031	500 A	2000mm	Copper, Elastômero Termoplástico	464A	466A
FADV2MTC3X5 0X1	534037	500 A	2000mm	Copper, Elastômero Termoplástico	562A	530A
FADV2MTC4X2 0X1	534012	400 A	2000mm	Copper, Elastômero Termoplástico	308A	360A
FADV2MTC4X2 4X1	534018	400 A	2000mm	Copper, Elastômero Termoplástico	356A	416A
FADV2MTC4X3 2X1	534025	500 A	2000mm	Copper, Elastômero Termoplástico	449A	490A
FADV2MTC4X4 0X1	534032	500 A	2000mm	Copper, Elastômero Termoplástico	541A	550A
FADV2MTC4X5 0X1	534038	630 A	2000mm	Copper, Elastômero Termoplástico	651A	650A
FADV2MTC4X6 3X1	534044	800 A	2000mm	Copper, Elastômero Termoplástico	792A	763A
FADV2MTC4X8 0X1	534049	1000 A	2000mm	Copper, Elastômero Termoplástico	970A	906A

Número de catálogo	Número do artigo	Typical Application Current Rating, IEC	Length (L)	Material	ΔT 30 K	ΔT 40 K
FADV2MTC5X1 00X1	534055	1250 A	2000mm	Copper, Elastômero Termoplástico	1301A	1235A
FADV2MTC5X2 0X1	534013	400 A	2000mm	Copper, Elastômero Termoplástico	351A	376A
FADV2MTC5X2 4X1	534019	500 A	2000mm	Copper, Elastômero Termoplástico	403A	460A
FADV2MTC5X3 2X1	534026	630 A	2000mm	Copper, Elastômero Termoplástico	507A	573A
FADV2MTC5X4 0X1	534033	630 A	2000mm	Copper, Elastômero Termoplástico	608A	680A
FADV2MTC5X5 0X1	534039	800 A	2000mm	Copper, Elastômero Termoplástico	730A	830A
FADV2MTC5X6 3X1	534045	1000 A	2000mm	Copper, Elastômero Termoplástico	883A	920A
FADV2MTC5X8 0X1	534050	1000 A	2000mm	Copper, Elastômero Termoplástico	1077A	1050A
FADV2MTC6X1 00X1	534056	1250 A	2000mm	Copper, Elastômero Termoplástico	1414A	1393A
FADV2MTC6X2 0X1	534014	400 A	2000mm	Copper, Elastômero Termoplástico	390A	413A
FADV2MTC6X2 4X1	534020	500 A	2000mm	Copper, Elastômero Termoplástico	448A	506A
FADV2MTC6X3 2X1	534027	630 A	2000mm	Copper, Elastômero Termoplástico	561A	640A
FADV2MTC6X4 0X1	534034	800 A	2000mm	Copper, Elastômero Termoplástico	669A	770A

Número de catálogo	Número do artigo	Typical Application Current Rating, IEC	Length (L)	Material	ΔT 30 K	ΔT 40 K
FADV2MTC6X5 0X1	534040	1000 A	2000mm	Copper, Elastômero Termoplástico	802A	925A
FADV2MTC6X6 3X1	534046	1000 A	2000mm	Copper, Elastômero Termoplástico	966A	1085A
FADV2MTC6X8 0X1	534051	1250 A	2000mm	Copper, Elastômero Termoplástico	1172A	1230A
FADV2MTC8X1 00X1	534057	1600 A	2000mm	Copper, Elastômero Termoplástico	1598A	1625A
FADV2MTC8X2 4X1	534021	630 A	2000mm	Copper, Elastômero Termoplástico	531A	606A
FADV2MTC8X3 2X1	534028	800 A	2000mm	Copper, Elastômero Termoplástico	657A	770A
FADV2MTC8X4 0X1	534035	1000 A	2000mm	Copper, Elastômero Termoplástico	786A	930A
FADV2MTC8X5 0X1	534041	1000 A	2000mm	Copper, Elastômero Termoplástico	927A	1050A
FADV2MTC8X6 3X1	534047	1250 A	2000mm	Copper, Elastômero Termoplástico	1108A	1245A
FADV2MTC8X8 0X1	534052	1600 A	2000mm	Copper, Elastômero Termoplástico	1341A	1430A
FADV3MTC2X2 0X1	534110	250 A	3000mm	Copper, Elastômero Termoplástico	211A	246A
FADV3MTC2X2 4X1	534116	250 A	3000mm	Copper, Elastômero Termoplástico	244A	340A
FADV3MTC2X3 2X1	534123	400 A	3000mm	Copper, Elastômero Termoplástico	311A	363A

Número de catálogo	Número do artigo	Typical Application Current Rating, IEC	Length (L)	Material	ΔT 30 K	ΔT 40 K
FADV3MTC3X2 0X1	534111	250 A	3000mm	Copper, Elastômero Termoplástico	263A	323A
FADV3MTC3X2 4X1	534117	400 A	3000mm	Copper, Elastômero Termoplástico	304A	370A
FADV3MTC3X3 2X1	534124	400 A	3000mm	Copper, Elastômero Termoplástico	385A	430A
FADV3MTC3X4 0X1	534131	500 A	3000mm	Copper, Elastômero Termoplástico	464A	466A
FADV3MTC3X5 0X1	534137	500 A	3000mm	Copper, Elastômero Termoplástico	562A	530A
FADV3MTC4X2 0X1	534112	400 A	3000mm	Copper, Elastômero Termoplástico	308A	360A
FADV3MTC4X2 4X1	534118	400 A	3000mm	Copper, Elastômero Termoplástico	356A	416A
FADV3MTC4X3 2X1	534125	500 A	3000mm	Copper, Elastômero Termoplástico	449A	490A
FADV3MTC4X5 0X1	534138	630 A	3000mm	Copper, Elastômero Termoplástico	651A	650A
FADV3MTC5X2 0X1	534113	400 A	3000mm	Copper, Elastômero Termoplástico	351A	376A
FADV3MTC5X2 4X1	534119	500 A	3000mm	Copper, Elastômero Termoplástico	403A	460A
FADV3MTC5X3 2X1	534126	630 A	3000mm	Copper, Elastômero Termoplástico	507A	573A
FADV3MTC5X5 0X1	534139	800 A	3000mm	Copper, Elastômero Termoplástico	730A	830A

Número de catálogo	Número do artigo	Typical Application Current Rating, IEC	Length (L)	Material	ΔT 30 K	ΔT 40 K
FADV3MTC6X2 0X1	534114	400 A	3000mm	Copper, Elastômero Termoplástico	390A	413A
FADV3MTC6X2 4X1	534120	500 A	3000mm	Copper, Elastômero Termoplástico	448A	506A
FADV3MTC6X3 2X1	534127	630 A	3000mm	Copper, Elastômero Termoplástico	561A	640A
FADV3MTC6X4 0X1	534134	800 A	3000mm	Copper, Elastômero Termoplástico	669A	770A
FADV3MTC8X3 2X1	534128	800 A	3000mm	Copper, Elastômero Termoplástico	657A	770A

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Número de catálogo	Número do artigo	ΔT 50 K	ΔT 60 K	Conducting Layers (N)	A	B
FADV2MTC3X1 3	534004	167A	184A	3	13 mm	0.5 mm
FADV2MTC6X1 3	534005	253A	277A	6	13 mm	0.5 mm
FADV2MTC8X6	534000	166A	182A	8	6 mm	0.5 mm
FADV2MTC10X 15-5	534009	455A	498A	10	15.5 mm	0.8 mm
FADV2MTC2X1 5-5	534006	212A	234A	2	15.5 mm	0.8 mm
FADV2MTC3X9	534001	134A	147A	3	9 mm	0.8 mm
FADV2MTC4X1 5-5	534007	320A	350A	4	15.5 mm	0.8 mm

Número de catálogo	Número do artigo	ΔT 50 K	ΔT 60 K	Conducting Layers (N)	A	B
FADV2MTC6X1 5-5	534008	402A	440A	6	15.5 mm	0.8 mm
FADV2MTC6X9	534002	245A	269A	6	9 mm	0.8 mm
FADV2MTC9X9	534003	265A	291A	9	9 mm	0.8 mm
FADV2MTC10X 100	534058	1985A	2170A	10	100 mm	1 mm
FADV2MTC10X 120	534060	2330A	2550A	10	120 mm	1 mm
FADV2MTC10X 20X1	534015	645A	706A	10	20 mm	1 mm
FADV2MTC10X 24X1	534022	800A	877A	10	24 mm	1 mm
FADV2MTC10X 32X1	534029	1040A	1140A	10	32 mm	1 mm
FADV2MTC10X 40X1	534036	1181A	1295A	10	40 mm	1 mm
FADV2MTC10X 50X1	534042	1395A	1525A	10	50 mm	1 mm
FADV2MTC10X 63X1	534048	1600A	1755A	10	63 mm	1 mm
FADV2MTC10X 80X1	534053	1775A	1945A	10	80 mm	1 mm
FADV2MTC12X 100	534059	2115A	2315A	12	100 mm	1 mm
FADV2MTC2X2 0X1	534010	275A	300A	2	20 mm	1 mm

Número de catálogo	Número do artigo	ΔT 50 K	ΔT 60 K	Conducting Layers (N)	A	B
FADV2MTC2X2 4X1	534016	380A	416A	2	24 mm	1 mm
FADV2MTC2X3 2X1	534023	406A	445A	2	32 mm	1 mm
FADV2MTC2X4 0X1	534030	455A	500A	2	40 mm	1 mm
FADV2MTC3X2 0X1	534011	360A	395A	3	20 mm	1 mm
FADV2MTC3X2 4X1	534017	413A	453A	3	24 mm	1 mm
FADV2MTC3X3 2X1	534024	480A	525A	3	32 mm	1 mm
FADV2MTC3X4 0X1	534031	522A	570A	3	40 mm	1 mm
FADV2MTC3X5 0X1	534037	592A	650A	3	50 mm	1 mm
FADV2MTC4X2 0X1	534012	402A	440A	4	20 mm	1 mm
FADV2MTC4X2 4X1	534018	465A	510A	4	24 mm	1 mm
FADV2MTC4X3 2X1	534025	548A	600A	4	32 mm	1 mm
FADV2MTC4X4 0X1	534032	615A	673A	4	40 mm	1 mm
FADV2MTC4X5 0X1	534038	727A	795A	4	50 mm	1 mm

Número de catálogo	Número do artigo	ΔT 50 K	ΔT 60 K	Conducting Layers (N)	A	B
FADV2MTC4X6 3X1	534044	855A	935A	4	63 mm	1 mm
FADV2MTC4X8 0X1	534049	1015A	1110A	4	80 mm	1 mm
FADV2MTC5X1 00X1	534055	1385A	1515A	5	100 mm	1 mm
FADV2MTC5X2 0X1	534013	420A	460A	5	20 mm	1 mm
FADV2MTC5X2 4X1	534019	514A	563A	5	24 mm	1 mm
FADV2MTC5X3 2X1	534026	640A	702A	5	32 mm	1 mm
FADV2MTC5X4 0X1	534033	760A	832A	5	40 mm	1 mm
FADV2MTC5X5 0X1	534039	930A	1016A	5	50 mm	1 mm
FADV2MTC5X6 3X1	534045	1030A	1125A	5	63 mm	1 mm
FADV2MTC5X8 0X1	534050	1175A	1285A	5	80 mm	1 mm
FADV2MTC6X1 00X1	534056	1550A	1705A	6	100 mm	1 mm
FADV2MTC6X2 0X1	534014	462A	506A	6	20 mm	1 mm
FADV2MTC6X2 4X1	534020	566A	620A	6	24 mm	1 mm

Número de catálogo	Número do artigo	ΔT 50 K	ΔT 60 K	Conducting Layers (N)	A	B
FADV2MTC6X3 2X1	534027	715A	783A	6	32 mm	1 mm
FADV2MTC6X4 0X1	534034	860A	943A	6	40 mm	1 mm
FADV2MTC6X5 0X1	534040	1035A	1135A	6	50 mm	1 mm
FADV2MTC6X6 3X1	534046	1215A	1330A	6	63 mm	1 mm
FADV2MTC6X8 0X1	534051	1375A	1505A	6	80 mm	1 mm
FADV2MTC8X1 00X1	534057	1815A	1990A	8	100 mm	1 mm
FADV2MTC8X2 4X1	534021	678A	743A	8	24 mm	1 mm
FADV2MTC8X3 2X1	534028	860A	943A	8	32 mm	1 mm
FADV2MTC8X4 0X1	534035	1040A	1140A	8	40 mm	1 mm
FADV2MTC8X5 0X1	534041	1175A	1290A	8	50 mm	1 mm
FADV2MTC8X6 3X1	534047	1395A	1525A	8	63 mm	1 mm
FADV2MTC8X8 0X1	534052	1600A	1755A	8	80 mm	1 mm
FADV3MTC2X2 0X1	534110	275A	300A	2	20 mm	1 mm

Número de catálogo	Número do artigo	ΔT 50 K	ΔT 60 K	Conducting Layers (N)	A	B
FADV3MTC2X2 4X1	534116	380A	416A	2	24 mm	1 mm
FADV3MTC2X3 2X1	534123	406A	445A	2	32 mm	1 mm
FADV3MTC3X2 0X1	534111	360A	395A	3	20 mm	1 mm
FADV3MTC3X2 4X1	534117	413A	453A	3	24 mm	1 mm
FADV3MTC3X3 2X1	534124	480A	525A	3	32 mm	1 mm
FADV3MTC3X4 0X1	534131	522A	570A	3	40 mm	1 mm
FADV3MTC3X5 0X1	534137	592A	650A	3	50 mm	1 mm
FADV3MTC4X2 0X1	534112	402A	440A	4	20 mm	1 mm
FADV3MTC4X2 4X1	534118	465A	510A	4	24 mm	1 mm
FADV3MTC4X3 2X1	534125	548A	600A	4	32 mm	1 mm
FADV3MTC4X5 0X1	534138	727A	795A	4	50 mm	1 mm
FADV3MTC5X2 0X1	534113	420A	460A	5	20 mm	1 mm
FADV3MTC5X2 4X1	534119	514A	563A	5	24 mm	1 mm

Número de catálogo	Número do artigo	ΔT 50 K	ΔT 60 K	Conducting Layers (N)	A	B
FADV3MTC5X3 2X1	534126	640A	702A	5	32 mm	1 mm
FADV3MTC5X5 0X1	534139	930A	1016A	5	50 mm	1 mm
FADV3MTC6X2 0X1	534114	462A	506A	6	20 mm	1 mm
FADV3MTC6X2 4X1	534120	566A	620A	6	24 mm	1 mm
FADV3MTC6X3 2X1	534127	715A	783A	6	32 mm	1 mm
FADV3MTC6X4 0X1	534134	860A	943A	6	40 mm	1 mm
FADV3MTC8X3 2X1	534128	860A	943A	8	32 mm	1 mm

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Número de catálogo	Número do artigo	Corte transversal	2 Bar Current Coefficient	3 Bar Current Coefficient	Certifications
FADV2MTC3X13	534004	19.5mm ²	1.72	2.25	UR, CE, ERIFLEX FLEXADV, CSA, ABS, RoHS, cUR, Bureau Veritas
FADV2MTC6X13	534005	39mm ²	1.72	2.25	Bureau Veritas, UR, CE, ERIFLEX FLEXADV, CSA, ABS, RoHS, cUR
FADV2MTC8X6	534000	24mm ²	1.72	2.25	UR, CE, ERIFLEX FLEXADV, CSA, ABS, RoHS, cUR, Bureau Veritas
FADV2MTC10X15- 5	534009	124mm ²	1.72	2.25	CSA, ABS, RoHS, cUR, Bureau Veritas, UR, CE, ERIFLEX FLEXADV

Número de catálogo	Número do artigo	Corte transversal	2 Bar Current Coefficient	3 Bar Current Coefficient	Certifications
FADV2MTC2X15-5	534006	24.8mm ²	1.72	2.25	UR, CE, ERIFLEX FLEXADV, CSA, ABS, RoHS, cUR, Bureau Veritas
FADV2MTC3X9	534001	21.6mm ²	1.72	2.25	CSA, ABS, RoHS, cUR, Bureau Veritas, UR, CE, ERIFLEX FLEXADV
FADV2MTC4X15-5	534007	49.6mm ²	1.72	2.25	UR, CE, ERIFLEX FLEXADV, CSA, ABS, RoHS, cUR, Bureau Veritas
FADV2MTC6X15-5	534008	74.4mm ²	1.72	2.25	UR, CE, ERIFLEX FLEXADV, CSA, ABS, RoHS, cUR, Bureau Veritas
FADV2MTC6X9	534002	43.2mm ²	1.72	2.25	CSA, ABS, RoHS, cUR, Bureau Veritas, UR, CE, ERIFLEX FLEXADV
FADV2MTC9X9	534003	64.8mm ²	1.72	2.25	UR, CE, ERIFLEX FLEXADV, CSA, ABS, RoHS, cUR, Bureau Veritas
FADV2MTC10X100	534058	1000mm ²	1.6	2.02	ABS, CSA, UR, Bureau Veritas, RoHS, cUR, CE, ERIFLEX FLEXADV
FADV2MTC10X120	534060	1200mm ²	1.49	1.95	CE, ERIFLEX FLEXADV, ABS, Bureau Veritas
FADV2MTC10X20X1	534015	200mm ²	1.72	2.25	Bureau Veritas, UR, CSA, CE, ERIFLEX FLEXADV, ABS, RoHS, cUR
FADV2MTC10X24X1	534022	240mm ²	1.72	2.25	UR, CE, ERIFLEX FLEXADV, CSA, ABS, RoHS, cUR, Bureau Veritas
FADV2MTC10X32X1	534029	320mm ²	1.72	2.25	ABS, RoHS, cUR, Bureau Veritas, UR, CSA, CE, ERIFLEX FLEXADV

Número de catálogo	Número do artigo	Corte transversal	2 Bar Current Coefficient	3 Bar Current Coefficient	Certifications
FADV2MTC10X40 X1	534036	400mm ²	1.72	2.25	UR, CSA, CE, ERIFLEX FLEXADV, ABS, RoHS, cUR, Bureau Veritas
FADV2MTC10X50 X1	534042	500mm ²	1.72	2.25	CSA, ABS, RoHS, cUR, Bureau Veritas, UR, CE, ERIFLEX FLEXADV
FADV2MTC10X63 X1	534048	630mm ²	1.65	2.12	Bureau Veritas, UR, CSA, CE, ERIFLEX FLEXADV, ABS, RoHS, cUR
FADV2MTC10X80 X1	534053	800mm ²	1.65	2.12	UR, CE, ERIFLEX FLEXADV, CSA, ABS, RoHS, cUR, Bureau Veritas
FADV2MTC12X10 0	534059	1200mm ²	1.6	2.02	RoHS, cUR, Bureau Veritas, UR, CE, ERIFLEX FLEXADV, CSA, ABS
FADV2MTC2X20X 1	534010	40mm ²	1.72	2.25	CSA, ABS, RoHS, cUR, Bureau Veritas, UR, CE, ERIFLEX FLEXADV
FADV2MTC2X24X 1	534016	48mm ²	1.72	2.25	Bureau Veritas, UR, CE, ERIFLEX FLEXADV, CSA, ABS, RoHS, cUR
FADV2MTC2X32X 1	534023	64mm ²	1.72	2.25	CE, ERIFLEX FLEXADV, CSA, ABS, RoHS, cUR, Bureau Veritas, UR
FADV2MTC2X40X 1	534030	80mm ²	1.72	2.25	Bureau Veritas, UR, CE, ERIFLEX FLEXADV, CSA, ABS, RoHS, cUR
FADV2MTC3X20X 1	534011	60mm ²	1.72	2.25	CSA, ABS, RoHS, cUR, Bureau Veritas, UR, CE, ERIFLEX FLEXADV
FADV2MTC3X24X 1	534017	72mm ²	1.72	2.25	UR, CE, ERIFLEX FLEXADV, CSA, ABS, RoHS, cUR, Bureau Veritas

Número de catálogo	Número do artigo	Corte transversal	2 Bar Current Coefficient	3 Bar Current Coefficient	Certifications
FADV2MTC3X32X 1	534024	96mm ²	1.72	2.25	CE, ERIFLEX FLEXADV, CSA, ABS, RoHS, cUR, Bureau Veritas, UR
FADV2MTC3X40X 1	534031	120mm ²	1.72	2.25	Bureau Veritas, UR, CE, ERIFLEX FLEXADV, CSA, ABS, RoHS, cUR
FADV2MTC3X50X 1	534037	150mm ²	1.72	2.25	UR, CE, ERIFLEX FLEXADV, CSA, ABS, RoHS, cUR, Bureau Veritas
FADV2MTC4X20X 1	534012	80mm ²	1.72	2.25	CE, ERIFLEX FLEXADV, CSA, ABS, RoHS, cUR, Bureau Veritas, UR
FADV2MTC4X24X 1	534018	96mm ²	1.72	2.25	Bureau Veritas, UR, CE, ERIFLEX FLEXADV, CSA, ABS, RoHS, cUR
FADV2MTC4X32X 1	534025	128mm ²	1.72	2.25	UR, CE, ERIFLEX FLEXADV, CSA, ABS, RoHS, cUR, Bureau Veritas
FADV2MTC4X40X 1	534032	160mm ²	1.72	2.25	CSA, ABS, RoHS, cUR, Bureau Veritas, UR, CE, ERIFLEX FLEXADV
FADV2MTC4X50X 1	534038	200mm ²	1.72	2.25	UR, CE, ERIFLEX FLEXADV, CSA, ABS, RoHS, cUR, Bureau Veritas
FADV2MTC4X63X 1	534044	252mm ²	1.65	2.12	CSA, ABS, RoHS, cUR, Bureau Veritas, UR, CE, ERIFLEX FLEXADV
FADV2MTC4X80X 1	534049	320mm ²	1.65	2.12	Bureau Veritas, UR, CE, ERIFLEX FLEXADV, CSA, ABS, RoHS, cUR
FADV2MTC5X100 X1	534055	500mm ²	1.6	2.02	UR, CE, ERIFLEX FLEXADV, CSA, ABS, RoHS, cUR, Bureau Veritas

Número de catálogo	Número do artigo	Corte transversal	2 Bar Current Coefficient	3 Bar Current Coefficient	Certifications
FADV2MTC5X20X 1	534013	100mm ²	1.72	2.25	CSA, ABS, RoHS, cUR, Bureau Veritas, UR, CE, ERIFLEX FLEXADV
FADV2MTC5X24X 1	534019	120mm ²	1.72	2.25	UR, CE, ERIFLEX FLEXADV, CSA, ABS, RoHS, cUR, Bureau Veritas
FADV2MTC5X32X 1	534026	160mm ²	1.72	2.25	CSA, ABS, RoHS, cUR, Bureau Veritas, UR, CE, ERIFLEX FLEXADV
FADV2MTC5X40X 1	534033	200mm ²	1.72	2.25	Bureau Veritas, UR, CE, ERIFLEX FLEXADV, CSA, ABS, RoHS, cUR
FADV2MTC5X50X 1	534039	250mm ²	1.72	2.25	UR, CE, ERIFLEX FLEXADV, CSA, ABS, RoHS, cUR, Bureau Veritas
FADV2MTC5X63X 1	534045	315mm ²	1.65	2.12	ABS, RoHS, cUR, Bureau Veritas, UR, CE, ERIFLEX FLEXADV, CSA
FADV2MTC5X80X 1	534050	400mm ²	1.65	2.12	UR, CE, ERIFLEX FLEXADV, CSA, ABS, RoHS, cUR, Bureau Veritas
FADV2MTC6X100 X1	534056	600mm ²	1.6	2.02	CSA, ABS, RoHS, cUR, Bureau Veritas, UR, CE, ERIFLEX FLEXADV
FADV2MTC6X20X 1	534014	120mm ²	1.72	2.25	RoHS, cUR, Bureau Veritas, UR, CE, ERIFLEX FLEXADV, CSA, ABS
FADV2MTC6X24X 1	534020	144mm ²	1.72	2.25	UR, CE, ERIFLEX FLEXADV, CSA, ABS, RoHS, cUR, Bureau Veritas
FADV2MTC6X32X 1	534027	192mm ²	1.72	2.25	CSA, ABS, RoHS, cUR, Bureau Veritas, UR, CE, ERIFLEX FLEXADV

Número de catálogo	Número do artigo	Corte transversal	2 Bar Current Coefficient	3 Bar Current Coefficient	Certifications
FADV2MTC6X40X 1	534034	240mm ²	1.72	2.25	Bureau Veritas, UR, CE, ERIFLEX FLEXADV, CSA, ABS, RoHS, cUR
FADV2MTC6X50X 1	534040	300mm ²	1.72	2.25	CE, ERIFLEX FLEXADV, CSA, ABS, RoHS, cUR, Bureau Veritas, UR
FADV2MTC6X63X 1	534046	378mm ²	1.65	2.12	Bureau Veritas, UR, CE, ERIFLEX FLEXADV, CSA, ABS, RoHS, cUR
FADV2MTC6X80X 1	534051	480mm ²	1.65	2.12	UR, CE, ERIFLEX FLEXADV, CSA, ABS, RoHS, cUR, Bureau Veritas
FADV2MTC8X100 X1	534057	800mm ²	1.6	2.02	UR, CE, ERIFLEX FLEXADV, CSA, ABS, RoHS, cUR, Bureau Veritas
FADV2MTC8X24X 1	534021	192mm ²	1.72	2.25	CE, ERIFLEX FLEXADV, CSA, ABS, RoHS, cUR, Bureau Veritas, UR
FADV2MTC8X32X 1	534028	256mm ²	1.72	2.25	Bureau Veritas, UR, CE, ERIFLEX FLEXADV, CSA, ABS, RoHS, cUR
FADV2MTC8X40X 1	534035	320mm ²	1.72	2.25	UR, CE, ERIFLEX FLEXADV, CSA, ABS, RoHS, cUR, Bureau Veritas
FADV2MTC8X50X 1	534041	400mm ²	1.72	2.25	CSA, ABS, RoHS, cUR, Bureau Veritas, UR, CE, ERIFLEX FLEXADV
FADV2MTC8X63X 1	534047	504mm ²	1.65	2.12	CE, ERIFLEX FLEXADV, CSA, ABS, RoHS, cUR, Bureau Veritas, UR
FADV2MTC8X80X 1	534052	640mm ²	1.65	2.12	Bureau Veritas, UR, CE, ERIFLEX FLEXADV, CSA, ABS, RoHS, cUR

Número de catálogo	Número do artigo	Corte transversal	2 Bar Current Coefficient	3 Bar Current Coefficient	Certifications
FADV3MTC2X20X 1	534110	40mm ²	1.72	2.25	ABS, RoHS, cUR, Bureau Veritas, UR, CE, ERIFLEX FLEXADV, CSA
FADV3MTC2X24X 1	534116	48mm ²	1.72	2.25	UR, CE, ERIFLEX FLEXADV, CSA, ABS, RoHS, cUR, Bureau Veritas
FADV3MTC2X32X 1	534123	64mm ²	1.72	2.25	CSA, ABS, RoHS, cUR, Bureau Veritas, UR, CE, ERIFLEX FLEXADV
FADV3MTC3X20X 1	534111	60mm ²	1.72	2.25	Bureau Veritas, UR, CE, ERIFLEX FLEXADV, CSA, ABS, RoHS, cUR
FADV3MTC3X24X 1	534117	72mm ²	1.72	2.25	UR, CE, ERIFLEX FLEXADV, CSA, ABS, RoHS, cUR, Bureau Veritas
FADV3MTC3X32X 1	534124	96mm ²	1.72	2.25	ABS, RoHS, cUR, Bureau Veritas, UR, CE, ERIFLEX FLEXADV, CSA
FADV3MTC3X40X 1	534131	120mm ²	1.72	2.25	UR, CE, ERIFLEX FLEXADV, CSA, ABS, RoHS, cUR, Bureau Veritas
FADV3MTC3X50X 1	534137	150mm ²	1.72	2.25	CSA, ABS, RoHS, cUR, Bureau Veritas, UR, CE, ERIFLEX FLEXADV
FADV3MTC4X20X 1	534112	80mm ²	1.72	2.25	Bureau Veritas, UR, CE, ERIFLEX FLEXADV, CSA, ABS, RoHS, cUR
FADV3MTC4X24X 1	534118	96mm ²	1.72	2.25	UR, CE, ERIFLEX FLEXADV, CSA, ABS, RoHS, cUR, Bureau Veritas
FADV3MTC4X32X 1	534125	128mm ²	1.72	2.25	ABS, RoHS, cUR, Bureau Veritas, UR, CE, ERIFLEX FLEXADV, CSA

Número de catálogo	Número do artigo	Corte transversal	2 Bar Current Coefficient	3 Bar Current Coefficient	Certifications
FADV3MTC4X50X 1	534138	200mm ²	1.72	2.25	UR, CE, ERIFLEX FLEXADV, CSA, ABS, RoHS, cUR, Bureau Veritas
FADV3MTC5X20X 1	534113	100mm ²	1.72	2.25	CSA, ABS, RoHS, cUR, Bureau Veritas, UR, CE, ERIFLEX FLEXADV
FADV3MTC5X24X 1	534119	120mm ²	1.72	2.25	Bureau Veritas, UR, CE, ERIFLEX FLEXADV, CSA, ABS, RoHS, cUR
FADV3MTC5X32X 1	534126	160mm ²	1.72	2.25	UR, CE, ERIFLEX FLEXADV, CSA, ABS, cUR, RoHS, Bureau Veritas
FADV3MTC5X50X 1	534139	250mm ²	1.72	2.25	cUR, RoHS, Bureau Veritas, UR, CE, ERIFLEX FLEXADV, CSA, ABS
FADV3MTC6X20X 1	534114	120mm ²	1.72	2.25	UR, CE, ERIFLEX FLEXADV, CSA, ABS, cUR, RoHS, Bureau Veritas
FADV3MTC6X24X 1	534120	144mm ²	1.72	2.25	CSA, ABS, cUR, RoHS, Bureau Veritas, UR, CE, ERIFLEX FLEXADV
FADV3MTC6X32X 1	534127	192mm ²	1.72	2.25	Bureau Veritas, UR, CE, ERIFLEX FLEXADV, CSA, ABS, cUR, RoHS
FADV3MTC6X40X 1	534134	240mm ²	1.72	2.25	CE, ERIFLEX FLEXADV, CSA, ABS, cUR, RoHS, Bureau Veritas, UR
FADV3MTC8X32X 1	534128	256mm ²	1.72	2.25	Bureau Veritas, UR, CE, ERIFLEX FLEXADV, CSA, ABS, cUR, RoHS

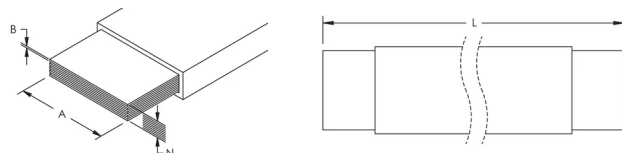
DETALHES ADICIONAIS DO PRODUTO

ADMISSIBLE CURRENTS: 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.

ΔT = Temperature of conductors – Internal temperature of panel.

Refer to technical documentation for additional ampacity ratings.

DIAGRAMAS



AVISO

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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Opção 2 – Assistência

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