

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



FEATURES

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

SPECIFICATIONS

Insulation Thickness:	0.07"
Dielectric Strength:	20
Insulation Elongation:	500 %
Max Working Voltage, UL/CSA/IEC:	1000V;1500V
Max Working Voltage, EN 50264-3-1:	6000V
Material:	Copper;Thermoplastic Elastomer

Complies With:	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
Finish:	Tinned
UV Resistance Rating:	UL® 854;UL® 2556
Certification Details:	UL® 67;UL® 758 Style 11992
Flammability Rating:	UL® 94V-0
Working Temperature:	-58 to 239 °F

Table 1/3

Catalog Number	Article Number	Typical Application Current Rating, UL	Length (L)	ΔT 30 K	ΔT 45 K	ΔT 60 K
FADV2MTC6X1 3	534005	125 A	6.56'	188A	235A	275A
FADV2MTC8X6	534000	125 A	6.56'	131A	164A	192A
FADV2MTC3X1 3	534004	125 A	6.56'	128A	160A	187A
FADV2MTC10X 15-5	534009	400 A	6.56'	387A	483A	565A
FADV2MTC2X1 5-5	534006	125 A	6.56'	152A	190A	222A
FADV2MTC9X9	534003	250 A	6.56'	251A	314A	366A
FADV2MTC3X9	534001	125 A	6.56'	126A	158A	185A
FADV2MTC4X1 5-5	534007	250 A	6.56'	223A	279A	326A
FADV2MTC6X1 5-5	534008	250 A	6.56'	282A	353A	412A
FADV2MTC6X9	534002	125 A	6.56'	192A	241A	281A

CatalogNumber	Article Number	Typical Application Current Rating, UL	Length (L)	ΔT 30 K	ΔT 45 K	ΔT 60 K
FADV2MTC5X8 0X1	534050	1200 A	6.56'	1077A	1344A	1570A
FADV2MTC6X1 00X1	534056	1600 A	6.56'	1414A	1765A	2062A
FADV2MTC6X2 0X1	534014	400 A	6.56'	390A	487A	569A
FADV2MTC6X2 4X1	534020	400 A	6.56'	448A	559A	653A
FADV2MTC6X3 2X1	534027	400 A	6.56'	561A	701A	819A
FADV2MTC6X4 0X1	534034	800 A	6.56'	669A	835A	976A
FADV2MTC6X5 0X1	534040	800 A	6.56'	802A	1002A	1171A
FADV2MTC6X6 3X1	534046	1200 A	6.56'	966A	1205A	1408A
FADV2MTC6X8 0X1	534051	1200 A	6.56'	1172A	1463A	1709A
FADV2MTC8X1 00X1	534057	1600 A	6.56'	1598A	1994A	2330A
FADV2MTC8X2 4X1	534021	400 A	6.56'	531A	663A	775A
FADV2MTC8X3 2X1	534028	800 A	6.56'	657A	821A	959A
FADV2MTC8X4 0X1	534035	800 A	6.56'	786A	981A	1146A

CatalogNumber	Article Number	Typical Application Current Rating, UL	Length (L)	ΔT 30 K	ΔT 45 K	ΔT 60 K
FADV2MTC8X5 0X1	534041	800 A	6.56'	927A	1157A	1352A
FADV2MTC8X6 3X1	534047	1200 A	6.56'	1108A	1383A	1616A
FADV2MTC8X8 0X1	534052	1600 A	6.56'	1341A	1674A	1956A
FADV3MTC2X2 0X1	534110	250 A	9.84'	211A	263A	307A
FADV3MTC2X2 4X1	534116	250 A	9.84'	244A	305A	357A
FADV3MTC2X3 2X1	534123	400 A	9.84'	311A	388A	454A
FADV3MTC3X2 0X1	534111	250 A	9.84'	263A	328A	383A
FADV3MTC3X2 4X1	534117	400 A	9.84'	304A	379A	443A
FADV3MTC3X3 2X1	534124	400 A	9.84'	385A	481A	562A
FADV3MTC3X4 0X1	534131	500 A	9.84'	464A	580A	677A
FADV3MTC3X5 0X1	534137	500 A	9.84'	562A	702A	820A
FADV3MTC4X2 0X1	534112	400 A	9.84'	308A	385A	450A
FADV3MTC4X2 4X1	534118	400 A	9.84'	356A	445A	520A

CatalogNumber	Article Number	Typical Application Current Rating, UL	Length (L)	ΔT 30 K	ΔT 45 K	ΔT 60 K
FADV3MTC4X3 2X1	534125	500 A	9.84'	449A	561A	655A
FADV3MTC4X5 0X1	534138	630 A	9.84'	651A	813A	950A
FADV3MTC5X2 0X1	534113	400 A	9.84'	351A	438A	512A
FADV3MTC5X2 4X1	534119	500 A	9.84'	403A	504A	589A
FADV3MTC5X3 2X1	534126	630 A	9.84'	507A	633A	740A
FADV3MTC5X5 0X1	534139	800 A	9.84'	730A	911A	1065A
FADV3MTC6X2 0X1	534114	400 A	9.84'	390A	487A	569A
FADV3MTC6X2 4X1	534120	500 A	9.84'	448A	559A	653A
FADV2MTC10X 100	534058	2000 A	6.56'	1765A	2203A	2574A
FADV2MTC10X 120	534060	2000 A	6.56'	2049A	2555A	2987A
FADV2MTC10X 20X1	534015	400 A	6.56'	532A	661A	777A
FADV2MTC10X 24X1	534022	400 A	6.56'	606A	757A	885A
FADV2MTC10X 32X1	534029	800 A	6.56'	745A	931A	1088A

CatalogNumber	Article Number	Typical Application Current Rating, UL	Length (L)	ΔT 30 K	ΔT 45 K	ΔT 60 K
FADV2MTC10X 40X1	534036	800 A	6.56'	879A	1097A	1282A
FADV2MTC10X 50X1	534042	1200 A	6.56'	1040A	1298A	1517A
FADV2MTC10X 63X1	534048	1200 A	6.56'	1232A	1538A	1797A
FADV2MTC10X 80X1	534053	1600 A	6.56'	1484A	1851A	2164A
FADV2MTC12X 100	534059	2000 A	6.56'	1920A	2396A	2800A
FADV2MTC2X2 0X1	534010	250 A	6.56'	211A	263A	307A
FADV2MTC2X2 4X1	534016	250 A	6.56'	244A	305A	357A
FADV2MTC2X3 2X1	534023	250 A	6.56'	311A	388A	454A
FADV2MTC2X4 0X1	534030	400 A	6.56'	376A	470A	549A
FADV2MTC3X2 0X1	534011	250 A	6.56'	263A	328A	383A
FADV2MTC3X2 4X1	534017	250 A	6.56'	304A	379A	443A
FADV3MTC6X3 2X1	534127	630 A	9.84'	561A	701A	819A
FADV3MTC6X4 0X1	534134	800 A	9.84'	669A	835A	976A

CatalogNumber	Article Number	Typical Application Current Rating, UL	Length (L)	ΔT 30 K	ΔT 45 K	ΔT 60 K
FADV3MTC8X3 2X1	534128	800 A	9.84'	657A	821A	959A
FADV2MTC3X3 2X1	534024	400 A	6.56'	385A	481A	562A
FADV2MTC3X4 0X1	534031	500 A	6.56'	464A	580A	677A
FADV2MTC3X5 0X1	534037	400 A	6.56'	562A	702A	820A
FADV2MTC4X2 0X1	534012	250 A	6.56'	308A	385A	450A
FADV2MTC4X2 4X1	534018	400 A	6.56'	356A	445A	520A
FADV2MTC4X3 2X1	534025	500 A	6.56'	449A	561A	655A
FADV2MTC4X4 0X1	534032	400 A	6.56'	541A	675A	789A
FADV2MTC4X5 0X1	534038	800 A	6.56'	651A	813A	950A
FADV2MTC4X6 3X1	534044	800 A	6.56'	792A	988A	1155A
FADV2MTC4X8 0X1	534049	1200 A	6.56'	970A	1211A	1415A
FADV2MTC5X1 00X1	534055	1600 A	6.56'	1301A	1624A	1898A
FADV2MTC5X2 0X1	534013	400 A	6.56'	351A	438A	512A

CatalogNumber	Article Number	Typical Application Current Rating, UL	Length (L)	ΔT 30 K	ΔT 45 K	ΔT 60 K
FADV2MTC5X2 4X1	534019	400 A	6.56'	403A	504A	589A
FADV2MTC5X3 2X1	534026	400 A	6.56'	507A	633A	740A
FADV2MTC5X4 0X1	534033	400 A	6.56'	608A	759A	887A
FADV2MTC5X5 0X1	534039	800 A	6.56'	730A	911A	1065A
FADV2MTC5X6 3X1	534045	800 A	6.56'	883A	1102A	1288A

Table 2/3

Catalog Number	Article Number	Conducting Layers (N)	A	B	Cross Section	2 Bar Current Coefficient
FADV2MTC6X1 3	534005	6	0.51"	0.02"	76.99kcmil	1.72
FADV2MTC8X6	534000	8	0.24"	0.02"	47.38kcmil	1.72
FADV2MTC3X1 3	534004	3	0.51"	0.02"	38.49kcmil	1.72
FADV2MTC10X 15-5	534009	10	0.61"	0.03"	244.78kcmil	1.72
FADV2MTC2X1 5-5	534006	2	0.61"	0.03"	48.96kcmil	1.72
FADV2MTC9X9	534003	9	0.35"	0.03"	127.92kcmil	1.72
FADV2MTC3X9	534001	3	0.35"	0.03"	42.64kcmil	1.72

CatalogNumber	Article Number	Conducting Layers (N)	A	B	Cross Section	2 Bar Current Coefficient
FADV2MTC4X1 5-5	534007	4	0.61"	0.03"	97.91kcmil	1.72
FADV2MTC6X1 5-5	534008	6	0.61"	0.03"	146.87kcmil	1.72
FADV2MTC6X9	534002	6	0.35"	0.03"	85.28kcmil	1.72
FADV2MTC5X8 0X1	534050	5	3.15"	0.04"	789.6kcmil	1.65
FADV2MTC6X1 00X1	534056	6	3.94"	0.04"	1184.4kcmil	1.6
FADV2MTC6X2 0X1	534014	6	0.79"	0.04"	236.88kcmil	1.72
FADV2MTC6X2 4X1	534020	6	0.94"	0.04"	284.26kcmil	1.72
FADV2MTC6X3 2X1	534027	6	1.26"	0.04"	379.01kcmil	1.72
FADV2MTC6X4 0X1	534034	6	1.57"	0.04"	473.76kcmil	1.72
FADV2MTC6X5 0X1	534040	6	1.97"	0.04"	592.2kcmil	1.72
FADV2MTC6X6 3X1	534046	6	2.48"	0.04"	746.17kcmil	1.65
FADV2MTC6X8 0X1	534051	6	3.15"	0.04"	947.52kcmil	1.65
FADV2MTC8X1 00X1	534057	8	3.94"	0.04"	1579.2kcmil	1.6

CatalogNumber	Article Number	Conducting Layers (N)	A	B	Cross Section	2 Bar Current Coefficient
FADV2MTC8X2 4X1	534021	8	0.94"	0.04"	379.01kcmil	1.72
FADV2MTC8X3 2X1	534028	8	1.26"	0.04"	505.34kcmil	1.72
FADV2MTC8X4 0X1	534035	8	1.57"	0.04"	631.68kcmil	1.72
FADV2MTC8X5 0X1	534041	8	1.97"	0.04"	789.6kcmil	1.72
FADV2MTC8X6 3X1	534047	8	2.48"	0.04"	994.9kcmil	1.65
FADV2MTC8X8 0X1	534052	8	3.15"	0.04"	1263.36kcmil	1.65
FADV3MTC2X2 0X1	534110	2	0.79"	0.04"	78.96kcmil	1.72
FADV3MTC2X2 4X1	534116	2	0.94"	0.04"	94 3/4kcmil	1.72
FADV3MTC2X3 2X1	534123	2	1.26"	0.04"	126.34kcmil	1.72
FADV3MTC3X2 0X1	534111	3	0.79"	0.04"	118.44kcmil	1.72
FADV3MTC3X2 4X1	534117	3	0.94"	0.04"	142.13kcmil	1.72
FADV3MTC3X3 2X1	534124	3	1.26"	0.04"	189 1/2kcmil	1.72
FADV3MTC3X4 0X1	534131	3	1.57"	0.04"	236.88kcmil	1.72

CatalogNumber	Article Number	Conducting Layers (N)	A	B	Cross Section	2 Bar Current Coefficient
FADV3MTC3X5 0X1	534137	3	1.97"	0.04"	300kcmil	1.72
FADV3MTC4X2 0X1	534112	4	0.79"	0.04"	157.92kcmil	1.72
FADV3MTC4X2 4X1	534118	4	0.94"	0.04"	189 1/2kcmil	1.72
FADV3MTC4X3 2X1	534125	4	1.26"	0.04"	252.67kcmil	1.72
FADV3MTC4X5 0X1	534138	4	1.97"	0.04"	394.8kcmil	1.72
FADV3MTC5X2 0X1	534113	5	0.79"	0.04"	197.4kcmil	1.72
FADV3MTC5X2 4X1	534119	5	0.94"	0.04"	236.88kcmil	1.72
FADV3MTC5X3 2X1	534126	5	1.26"	0.04"	315.84kcmil	1.72
FADV3MTC5X5 0X1	534139	5	1.97"	0.04"	493 1/2kcmil	1.72
FADV3MTC6X2 0X1	534114	6	0.79"	0.04"	236.88kcmil	1.72
FADV3MTC6X2 4X1	534120	6	0.94"	0.04"	284.26kcmil	1.72
FADV2MTC10X 100	534058	10	3.94"	0.04"	1974kcmil	1.6
FADV2MTC10X 120	534060	10	4.72"	0.04"	2368.8kcmil	1.49

CatalogNumber	Article Number	Conducting Layers (N)	A	B	Cross Section	2 Bar Current Coefficient
FADV2MTC10X 20X1	534015	10	0.79"	0.04"	394.8kcmil	1.72
FADV2MTC10X 24X1	534022	10	0.94"	0.04"	473.76kcmil	1.72
FADV2MTC10X 32X1	534029	10	1.26"	0.04"	631.68kcmil	1.72
FADV2MTC10X 40X1	534036	10	1.57"	0.04"	789.6kcmil	1.72
FADV2MTC10X 50X1	534042	10	1.97"	0.04"	987kcmil	1.72
FADV2MTC10X 63X1	534048	10	2.48"	0.04"	1243.62kcmil	1.65
FADV2MTC10X 80X1	534053	10	3.15"	0.04"	1579.2kcmil	1.65
FADV2MTC12X 100	534059	12	3.94"	0.04"	2368.8kcmil	1.6
FADV2MTC2X2 0X1	534010	2	0.79"	0.04"	78.96kcmil	1.72
FADV2MTC2X2 4X1	534016	2	0.94"	0.04"	94 3/4kcmil	1.72
FADV2MTC2X3 2X1	534023	2	1.26"	0.04"	126.34kcmil	1.72
FADV2MTC2X4 0X1	534030	2	1.57"	0.04"	157.92kcmil	1.72
FADV2MTC3X2 0X1	534011	3	0.79"	0.04"	118.44kcmil	1.72

CatalogNumber	Article Number	Conducting Layers (N)	A	B	Cross Section	2 Bar Current Coefficient
FADV2MTC3X2 4X1	534017	3	0.94"	0.04"	142.13kcmil	1.72
FADV3MTC6X3 2X1	534127	6	1.26"	0.04"	379.01kcmil	1.72
FADV3MTC6X4 0X1	534134	6	1.57"	0.04"	473.76kcmil	1.72
FADV3MTC8X3 2X1	534128	8	1.26"	0.04"	505.34kcmil	1.72
FADV2MTC3X3 2X1	534024	3	1.26"	0.04"	189 1/2kcmil	1.72
FADV2MTC3X4 0X1	534031	3	1.57"	0.04"	236.88kcmil	1.72
FADV2MTC3X5 0X1	534037	3	1.97"	0.04"	300kcmil	1.72
FADV2MTC4X2 0X1	534012	4	0.79"	0.04"	157.92kcmil	1.72
FADV2MTC4X2 4X1	534018	4	0.94"	0.04"	189 1/2kcmil	1.72
FADV2MTC4X3 2X1	534025	4	1.26"	0.04"	252.67kcmil	1.72
FADV2MTC4X4 0X1	534032	4	1.57"	0.04"	315.84kcmil	1.72
FADV2MTC4X5 0X1	534038	4	1.97"	0.04"	394.8kcmil	1.72
FADV2MTC4X6 3X1	534044	4	2.48"	0.04"	497.45kcmil	1.65

CatalogNumber	Article Number	Conducting Layers (N)	A	B	Cross Section	2 Bar Current Coefficient
FADV2MTC4X8 0X1	534049	4	3.15"	0.04"	631.68kcmil	1.65
FADV2MTC5X1 00X1	534055	5	3.94"	0.04"	987kcmil	1.6
FADV2MTC5X2 0X1	534013	5	0.79"	0.04"	197.4kcmil	1.72
FADV2MTC5X2 4X1	534019	5	0.94"	0.04"	236.88kcmil	1.72
FADV2MTC5X3 2X1	534026	5	1.26"	0.04"	315.84kcmil	1.72
FADV2MTC5X4 0X1	534033	5	1.57"	0.04"	394.8kcmil	1.72
FADV2MTC5X5 0X1	534039	5	1.97"	0.04"	493 1/2kcmil	1.72
FADV2MTC5X6 3X1	534045	5	2.48"	0.04"	621.81kcmil	1.65

Table 3/3

Catalog Number	Article Number	3 Bar Current Coefficient	Certifications
FADV2MTC6X13	534005	2.25	RoHS, UR, ABS, CSA, cUR, CE, ERIFLEX FLEXADV, Bureau Veritas
FADV2MTC8X6	534000	2.25	RoHS, UR, ABS, CSA, cUR, CE, ERIFLEX FLEXADV, Bureau Veritas
FADV2MTC3X13	534004	2.25	CE, ERIFLEX FLEXADV, Bureau Veritas, UR, CSA, RoHS, ABS, cUR
FADV2MTC10X15-5	534009	2.25	cUR, RoHS, CE, ERIFLEX FLEXADV, Bureau Veritas, UR, CSA, ABS
FADV2MTC2X15-5	534006	2.25	CE, ERIFLEX FLEXADV, Bureau Veritas, UR, CSA, RoHS, ABS, cUR

Catalog Number	Article Number	3 Bar Current Coefficient	Certifications
FADV2MTC9X9	534003	2.25	UR, ABS, CE, ERIFLEX FLEXADV, Bureau Veritas, cUR, RoHS, CSA
FADV2MTC3X9	534001	2.25	cUR, RoHS, CE, ERIFLEX FLEXADV, Bureau Veritas, UR, CSA, ABS
FADV2MTC4X15-5	534007	2.25	UR, ABS, CE, ERIFLEX FLEXADV, Bureau Veritas, cUR, RoHS, CSA
FADV2MTC6X15-5	534008	2.25	CE, ERIFLEX FLEXADV, Bureau Veritas, UR, CSA, RoHS, ABS, cUR
FADV2MTC6X9	534002	2.25	UR, CSA, cUR, ABS, CE, ERIFLEX FLEXADV, Bureau Veritas, RoHS
FADV2MTC5X80X1	534050	2.12	UR, ABS, CE, ERIFLEX FLEXADV, Bureau Veritas, cUR, RoHS, CSA
FADV2MTC6X100X1	534056	2.02	UR, CSA, cUR, ABS, CE, ERIFLEX FLEXADV, Bureau Veritas, RoHS
FADV2MTC6X20X1	534014	2.25	cUR, RoHS, CE, ERIFLEX FLEXADV, Bureau Veritas, UR, CSA, ABS
FADV2MTC6X24X1	534020	2.25	UR, ABS, CE, ERIFLEX FLEXADV, Bureau Veritas, cUR, RoHS, CSA
FADV2MTC6X32X1	534027	2.25	UR, CSA, cUR, ABS, CE, ERIFLEX FLEXADV, Bureau Veritas, RoHS
FADV2MTC6X40X1	534034	2.25	RoHS, UR, ABS, CSA, cUR, CE, ERIFLEX FLEXADV, Bureau Veritas
FADV2MTC6X50X1	534040	2.25	CE, ERIFLEX FLEXADV, Bureau Veritas, UR, CSA, RoHS, ABS, cUR
FADV2MTC6X63X1	534046	2.12	cUR, RoHS, CE, ERIFLEX FLEXADV, Bureau Veritas, UR, CSA, ABS
FADV2MTC6X80X1	534051	2.12	UR, ABS, CE, ERIFLEX FLEXADV, Bureau Veritas, cUR, RoHS, CSA
FADV2MTC8X100X1	534057	2.02	RoHS, UR, ABS, CSA, cUR, CE, ERIFLEX FLEXADV, Bureau Veritas

Catalog Number	Article Number	3 Bar Current Coefficient	Certifications
FADV2MTC8X24X1	534021	2.25	CE, ERIFLEX FLEXADV, Bureau Veritas, UR, CSA, RoHS, ABS, cUR
FADV2MTC8X32X1	534028	2.25	cUR, RoHS, CE, ERIFLEX FLEXADV, Bureau Veritas, UR, CSA, ABS
FADV2MTC8X40X1	534035	2.25	UR, ABS, CE, ERIFLEX FLEXADV, Bureau Veritas, cUR, RoHS, CSA
FADV2MTC8X50X1	534041	2.25	UR, CSA, cUR, ABS, CE, ERIFLEX FLEXADV, Bureau Veritas, RoHS
FADV2MTC8X63X1	534047	2.12	CE, ERIFLEX FLEXADV, Bureau Veritas, UR, CSA, RoHS, ABS, cUR
FADV2MTC8X80X1	534052	2.12	cUR, RoHS, CE, ERIFLEX FLEXADV, Bureau Veritas, UR, CSA, ABS
FADV3MTC2X20X1	534110	2.25	UR, CSA, cUR, ABS, CE, ERIFLEX FLEXADV, Bureau Veritas, RoHS
FADV3MTC2X24X1	534116	2.25	RoHS, UR, ABS, CSA, cUR, CE, ERIFLEX FLEXADV, Bureau Veritas
FADV3MTC2X32X1	534123	2.25	CE, ERIFLEX FLEXADV, Bureau Veritas, UR, CSA, RoHS, ABS, cUR
FADV3MTC3X20X1	534111	2.25	cUR, RoHS, CE, ERIFLEX FLEXADV, Bureau Veritas, UR, CSA, ABS
FADV3MTC3X24X1	534117	2.25	UR, ABS, CE, ERIFLEX FLEXADV, Bureau Veritas, cUR, RoHS, CSA
FADV3MTC3X32X1	534124	2.25	UR, CSA, cUR, ABS, CE, ERIFLEX FLEXADV, Bureau Veritas, RoHS
FADV3MTC3X40X1	534131	2.25	RoHS, UR, ABS, CSA, cUR, CE, ERIFLEX FLEXADV, Bureau Veritas
FADV3MTC3X50X1	534137	2.25	CE, ERIFLEX FLEXADV, Bureau Veritas, UR, CSA, RoHS, ABS, cUR
FADV3MTC4X20X1	534112	2.25	cUR, RoHS, CE, ERIFLEX FLEXADV, Bureau Veritas, UR, CSA, ABS

Catalog Number	Article Number	3 Bar Current Coefficient	Certifications
FADV3MTC4X24X1	534118	2.25	UR, ABS, CE, ERIFLEX FLEXADV, Bureau Veritas, cUR, RoHS, CSA
FADV3MTC4X32X1	534125	2.25	UR, CSA, cUR, ABS, CE, ERIFLEX FLEXADV, Bureau Veritas, RoHS
FADV3MTC4X50X1	534138	2.25	RoHS, UR, ABS, CSA, cUR, CE, ERIFLEX FLEXADV, Bureau Veritas
FADV3MTC5X20X1	534113	2.25	CE, ERIFLEX FLEXADV, Bureau Veritas, UR, CSA, RoHS, ABS, cUR
FADV3MTC5X24X1	534119	2.25	cUR, RoHS, CE, ERIFLEX FLEXADV, Bureau Veritas, UR, CSA, ABS
FADV3MTC5X32X1	534126	2.25	UR, ABS, CE, ERIFLEX FLEXADV, Bureau Veritas, cUR, RoHS, CSA
FADV3MTC5X50X1	534139	2.25	UR, CSA, cUR, ABS, CE, ERIFLEX FLEXADV, Bureau Veritas, RoHS
FADV3MTC6X20X1	534114	2.25	RoHS, UR, ABS, CSA, cUR, CE, ERIFLEX FLEXADV, Bureau Veritas
FADV3MTC6X24X1	534120	2.25	CE, ERIFLEX FLEXADV, Bureau Veritas, UR, CSA, RoHS, ABS, cUR
FADV2MTC10X100	534058	2.02	RoHS, ABS, UR, cUR, CSA, CE, ERIFLEX FLEXADV, Bureau Veritas
FADV2MTC10X120	534060	1.95	CE, ERIFLEX FLEXADV, Bureau Veritas, ABS
FADV2MTC10X20X1	534015	2.25	UR, ABS, CE, ERIFLEX FLEXADV, Bureau Veritas, cUR, RoHS, CSA
FADV2MTC10X24X1	534022	2.25	UR, CSA, cUR, ABS, CE, ERIFLEX FLEXADV, Bureau Veritas, RoHS
FADV2MTC10X32X1	534029	2.25	RoHS, UR, ABS, CSA, cUR, CE, ERIFLEX FLEXADV, Bureau Veritas
FADV2MTC10X40X1	534036	2.25	CE, ERIFLEX FLEXADV, Bureau Veritas, UR, CSA, RoHS, ABS, cUR

Catalog Number	Article Number	3 Bar Current Coefficient	Certifications
FADV2MTC10X50X1	534042	2.25	cUR, RoHS, CE, ERIFLEX FLEXADV, Bureau Veritas, UR, CSA, ABS
FADV2MTC10X63X1	534048	2.12	UR, ABS, CE, ERIFLEX FLEXADV, Bureau Veritas, cUR, RoHS, CSA
FADV2MTC10X80X1	534053	2.12	UR, CSA, cUR, ABS, CE, ERIFLEX FLEXADV, Bureau Veritas, RoHS
FADV2MTC12X100	534059	2.02	RoHS, UR, ABS, CSA, cUR, CE, ERIFLEX FLEXADV, Bureau Veritas
FADV2MTC2X20X1	534010	2.25	cUR, RoHS, CE, ERIFLEX FLEXADV, Bureau Veritas, UR, CSA, ABS
FADV2MTC2X24X1	534016	2.25	UR, ABS, CE, ERIFLEX FLEXADV, Bureau Veritas, cUR, RoHS, CSA
FADV2MTC2X32X1	534023	2.25	UR, CSA, cUR, ABS, CE, ERIFLEX FLEXADV, Bureau Veritas, RoHS
FADV2MTC2X40X1	534030	2.25	RoHS, UR, ABS, CSA, cUR, CE, ERIFLEX FLEXADV, Bureau Veritas
FADV2MTC3X20X1	534011	2.25	cUR, RoHS, CE, ERIFLEX FLEXADV, Bureau Veritas, UR, CSA, ABS
FADV2MTC3X24X1	534017	2.25	UR, ABS, CE, ERIFLEX FLEXADV, Bureau Veritas, cUR, RoHS, CSA
FADV3MTC6X32X1	534127	2.25	cUR, RoHS, CE, ERIFLEX FLEXADV, Bureau Veritas, UR, CSA, ABS
FADV3MTC6X40X1	534134	2.25	UR, ABS, CE, ERIFLEX FLEXADV, Bureau Veritas, cUR, RoHS, CSA
FADV3MTC8X32X1	534128	2.25	UR, CSA, cUR, ABS, CE, ERIFLEX FLEXADV, Bureau Veritas, RoHS
FADV2MTC3X32X1	534024	2.25	UR, CSA, cUR, ABS, CE, ERIFLEX FLEXADV, Bureau Veritas, RoHS
FADV2MTC3X40X1	534031	2.25	RoHS, UR, ABS, CSA, cUR, CE, ERIFLEX FLEXADV, Bureau Veritas

Catalog Number	Article Number	3 Bar Current Coefficient	Certifications
FADV2MTC3X50X1	534037	2.25	CE, ERIFLEX FLEXADV, Bureau Veritas, UR, CSA, RoHS, ABS, cUR
FADV2MTC4X20X1	534012	2.25	UR, CSA, cUR, ABS, CE, ERIFLEX FLEXADV, Bureau Veritas, RoHS
FADV2MTC4X24X1	534018	2.25	RoHS, UR, ABS, CSA, cUR, CE, ERIFLEX FLEXADV, Bureau Veritas
FADV2MTC4X32X1	534025	2.25	CE, ERIFLEX FLEXADV, Bureau Veritas, UR, CSA, RoHS, ABS, cUR
FADV2MTC4X40X1	534032	2.25	cUR, RoHS, CE, ERIFLEX FLEXADV, Bureau Veritas, UR, CSA, ABS
FADV2MTC4X50X1	534038	2.25	UR, ABS, CE, ERIFLEX FLEXADV, Bureau Veritas, cUR, RoHS, CSA
FADV2MTC4X63X1	534044	2.12	UR, CSA, cUR, ABS, CE, ERIFLEX FLEXADV, Bureau Veritas, RoHS
FADV2MTC4X80X1	534049	2.12	RoHS, UR, ABS, CSA, cUR, CE, ERIFLEX FLEXADV, Bureau Veritas
FADV2MTC5X100X1	534055	2.02	CE, ERIFLEX FLEXADV, Bureau Veritas, UR, CSA, RoHS, ABS, cUR
FADV2MTC5X20X1	534013	2.25	cUR, RoHS, CE, ERIFLEX FLEXADV, Bureau Veritas, UR, CSA, ABS
FADV2MTC5X24X1	534019	2.25	UR, ABS, CE, ERIFLEX FLEXADV, Bureau Veritas, cUR, RoHS, CSA
FADV2MTC5X32X1	534026	2.25	UR, CSA, cUR, ABS, CE, ERIFLEX FLEXADV, Bureau Veritas, RoHS
FADV2MTC5X40X1	534033	2.25	RoHS, UR, ABS, CSA, cUR, CE, ERIFLEX FLEXADV, Bureau Veritas
FADV2MTC5X50X1	534039	2.25	CE, ERIFLEX FLEXADV, Bureau Veritas, UR, CSA, RoHS, ABS, cUR
FADV2MTC5X63X1	534045	2.12	cUR, RoHS, CE, ERIFLEX FLEXADV, Bureau Veritas, UR, CSA, ABS

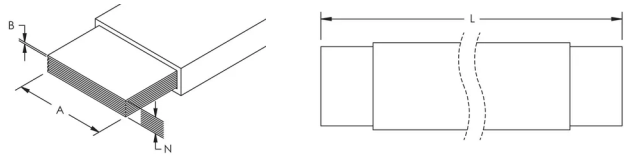
ADDITIONAL PRODUCT DETAILS

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.

DIAGRAMS



WARNING

nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at www.nvent.com and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.

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