

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

SPECIFICATIONS

Insulation Thickness:	1.8 mm
Dielectric Strength:	20
Insulation Elongation:	500 %
Max Working Voltage, UL/CSA/IEC:	1000 V; 1500 V
Max Working Voltage, EN 50264-3-1:	6000 V
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
Flammability Rating:	UL® 94V-0
Working Temperature:	-50 to 115 °C

Table 1/3

Catalog Number	Item Name	Typical Application Current Rating	Length(L)	Certification Details	ΔT 40 K	ΔT 50 K
FADV2MTC3X13	534004	125 A	2000 mm	UL® 67, UL® 758	150 A	167 A
FADV2MTC6X13	534005	250 A	2000 mm	UL® 67, UL® 758	226 A	253 A
FADV2MTC8X6	534000	125 A	2000 mm	UL® 67, UL® 758	143 A	166 A
FADV2MTC10X15-5	534009	400 A	2000 mm	UL® 67, UL® 758	407 A	455 A
FADV2MTC2X15-5	534006	125 A	2000 mm	UL® 67, UL® 758	191 A	212 A
FADV2MTC3X9	534001	125 A	2000 mm	UL® 67, UL® 758	120 A	134 A
FADV2MTC4X15-5	534007	250 A	2000 mm	UL® 67, UL® 758	286 A	320 A
FADV2MTC6X15-5	534008	400 A	2000 mm	UL® 67, UL® 758	360 A	402 A
FADV2MTC6X9	534002	125 A	2000 mm	UL® 67, UL® 758	220 A	245 A
FADV2MTC9X9	534003	250 A	2000 mm	UL® 67, UL® 758	237 A	265 A
FADV2MTC10X100	534058	1600 A	2000 mm	UL® 67, UL® 758	1775 A	1985 A
FADV2MTC10X120	534060	1600 A	2000 mm	UL® 67	2070 A	2330 A
FADV2MTC10X20X1	534015	630 A	2000 mm	UL® 67, UL® 758	576 A	645 A
FADV2MTC10X24X1	534022	800 A	2000 mm	UL® 67, UL® 758	716 A	800 A
FADV2MTC10X32X1	534029	1000 A	2000 mm	UL® 67, UL® 758	930 A	1040 A
FADV2MTC10X40X1	534036	1000 A	2000 mm	UL® 67, UL® 758	1055 A	1181 A
FADV2MTC10X50X1	534042	1250 A	2000 mm	UL® 67, UL® 758	1245 A	1395 A
FADV2MTC10X63X1	534048	1600 A	2000 mm	UL® 67, UL® 758	1435 A	1600 A
FADV2MTC10X80X1	534053	1600 A	2000 mm	UL® 67, UL® 758	1585 A	1775 A
FADV2MTC12X100	534059	1600 A	2000 mm	UL® 67	1890 A	2115 A
FADV2MTC2X20X1	534010	250 A	2000 mm	UL® 67, UL® 758	246 A	275 A
FADV2MTC2X24X1	534016	250 A	2000 mm	UL® 67, UL® 758	340 A	380 A
FADV2MTC2X32X1	534023	400 A	2000 mm	UL® 67, UL® 758	363 A	406 A
FADV2MTC2X40X1	534030	400 A	2000 mm	UL® 67, UL® 758	406 A	455 A
FADV2MTC3X20X1	534011	250 A	2000 mm	UL® 67, UL® 758	323 A	360 A
FADV2MTC3X24X1	534017	400 A	2000 mm	UL® 67, UL® 758	370 A	413 A
FADV2MTC3X32X1	534024	400 A	2000 mm	UL® 67, UL® 758	430 A	480 A
FADV2MTC3X40X1	534031	500 A	2000 mm	UL® 67, UL® 758	466 A	522 A
FADV2MTC3X50X1	534037	500 A	2000 mm	UL® 67, UL® 758	530 A	592 A
FADV2MTC4X20X1	534012	400 A	2000 mm	UL® 67, UL® 758	360 A	402 A
FADV2MTC4X24X1	534018	400 A	2000 mm	UL® 67, UL® 758	416 A	465 A
FADV2MTC4X32X1	534025	500 A	2000 mm	UL® 67, UL® 758	490 A	548 A
FADV2MTC4X40X1	534032	500 A	2000 mm	UL® 67, UL® 758	550 A	615 A

Catalog Number	Item Name	Typical Application Current Rating	Length(L)	Certification Details	ΔT 40 K	ΔT 50 K
FADV2MTC4X50X1	534038	630 A	2000 mm	UL® 67, UL® 758	650 A	727 A
FADV2MTC4X63X1	534044	800 A	2000 mm	UL® 67, UL® 758	763 A	855 A
FADV2MTC4X80X1	534049	1000 A	2000 mm	UL® 67, UL® 758	906 A	1015 A
FADV2MTC5X100X1	534055	1250 A	2000 mm	UL® 67, UL® 758	1235 A	1385 A
FADV2MTC5X20X1	534013	400 A	2000 mm	UL® 67, UL® 758	376 A	420 A
FADV2MTC5X24X1	534019	500 A	2000 mm	UL® 67, UL® 758	460 A	514 A
FADV2MTC5X32X1	534026	630 A	2000 mm	UL® 67, UL® 758	573 A	640 A
FADV2MTC5X40X1	534033	630 A	2000 mm	UL® 67, UL® 758	680 A	760 A
FADV2MTC5X50X1	534039	800 A	2000 mm	UL® 67, UL® 758	830 A	930 A
FADV2MTC5X63X1	534045	1000 A	2000 mm	UL® 67, UL® 758	920 A	1030 A
FADV2MTC5X80X1	534050	1000 A	2000 mm	UL® 67, UL® 758	1050 A	1175 A
FADV2MTC6X100X1	534056	1250 A	2000 mm	UL® 67, UL® 758	1393 A	1550 A
FADV2MTC6X20X1	534014	400 A	2000 mm	UL® 67, UL® 758	413 A	462 A
FADV2MTC6X24X1	534020	500 A	2000 mm	UL® 67, UL® 758	506 A	566 A
FADV2MTC6X32X1	534027	630 A	2000 mm	UL® 67, UL® 758	640 A	715 A
FADV2MTC6X40X1	534034	800 A	2000 mm	UL® 67, UL® 758	770 A	860 A
FADV2MTC6X50X1	534040	1000 A	2000 mm	UL® 67, UL® 758	925 A	1035 A
FADV2MTC6X63X1	534046	1000 A	2000 mm	UL® 67, UL® 758	1085 A	1215 A
FADV2MTC6X80X1	534051	1250 A	2000 mm	UL® 67, UL® 758	1230 A	1375 A
FADV2MTC8X100X1	534057	1600 A	2000 mm	UL® 67, UL® 758	1625 A	1815 A
FADV2MTC8X24X1	534021	630 A	2000 mm	UL® 67, UL® 758	606 A	678 A
FADV2MTC8X32X1	534028	800 A	2000 mm	UL® 67, UL® 758	770 A	860 A
FADV2MTC8X40X1	534035	1000 A	2000 mm	UL® 67, UL® 758	930 A	1040 A
FADV2MTC8X50X1	534041	1000 A	2000 mm	UL® 67, UL® 758	1050 A	1175 A
FADV2MTC8X63X1	534047	1250 A	2000 mm	UL® 67, UL® 758	1245 A	1395 A
FADV2MTC8X80X1	534052	1600 A	2000 mm	UL® 67, UL® 758	1430 A	1600 A
FADV3MTC2X20X1	534110	250 A	3000 mm	UL® 67, UL® 758	246 A	275 A
FADV3MTC2X24X1	534116	250 A	3000 mm	UL® 67, UL® 758	340 A	380 A
FADV3MTC2X32X1	534123	400 A	3000 mm	UL® 67, UL® 758	363 A	406 A
FADV3MTC3X20X1	534111	250 A	3000 mm	UL® 67, UL® 758	323 A	360 A
FADV3MTC3X24X1	534117	400 A	3000 mm	UL® 67, UL® 758	370 A	413 A
FADV3MTC3X32X1	534124	400 A	3000 mm	UL® 67, UL® 758	430 A	480 A
FADV3MTC3X40X1	534131	500 A	3000 mm	UL® 67, UL® 758	466 A	522 A
FADV3MTC3X50X1	534137	500 A	3000 mm	UL® 67, UL® 758	530 A	592 A
FADV3MTC4X20X1	534112	400 A	3000 mm	UL® 67, UL® 758	360 A	402 A
FADV3MTC4X24X1	534118	400 A	3000 mm	UL® 67, UL® 758	416 A	465 A
FADV3MTC4X32X1	534125	500 A	3000 mm	UL® 67, UL® 758	490 A	548 A

Catalog Number	Item Name	Typical Application Current Rating	Length(L)	Certification Details	ΔT 40 K	ΔT 50 K
FADV3MTC4X50X1	534138	630 A	3000 mm	UL® 67, UL® 758	650 A	727 A
FADV3MTC5X20X1	534113	400 A	3000 mm	UL® 67, UL® 758	376 A	420 A
FADV3MTC5X24X1	534119	500 A	3000 mm	UL® 67, UL® 758	460 A	514 A
FADV3MTC5X32X1	534126	630 A	3000 mm	UL® 67, UL® 758	573 A	640 A
FADV3MTC5X50X1	534139	800 A	3000 mm	UL® 67, UL® 758	830 A	930 A
FADV3MTC6X20X1	534114	400 A	3000 mm	UL® 67, UL® 758	413 A	462 A
FADV3MTC6X24X1	534120	500 A	3000 mm	UL® 67, UL® 758	506 A	566 A
FADV3MTC6X32X1	534127	630 A	3000 mm	UL® 67, UL® 758	640 A	715 A
FADV3MTC6X40X1	534134	800 A	3000 mm	UL® 67, UL® 758	770 A	860 A
FADV3MTC8X32X1	534128	800 A	3000 mm	UL® 67, UL® 758	770 A	860 A

Table 2/3

Catalog Number	Item Name	ΔT 60 K	Conducting Layers(N)	A	B	Cross Section
FADV2MTC3X13	534004	184 A	3	13 mm	0.5 mm	19.5 mm ²
FADV2MTC6X13	534005	277 A	6	13 mm	0.5 mm	39 mm ²
FADV2MTC8X6	534000	182 A	8	6 mm	0.5 mm	24 mm ²
FADV2MTC10X15-5	534009	498 A	10	15.5 mm	0.8 mm	124 mm ²
FADV2MTC2X15-5	534006	234 A	2	15.5 mm	0.8 mm	24.8 mm ²
FADV2MTC3X9	534001	147 A	3	9 mm	0.8 mm	21.6 mm ²
FADV2MTC4X15-5	534007	350 A	4	15.5 mm	0.8 mm	49.6 mm ²
FADV2MTC6X15-5	534008	440 A	6	15.5 mm	0.8 mm	74.4 mm ²
FADV2MTC6X9	534002	269 A	6	9 mm	0.8 mm	43.2 mm ²
FADV2MTC9X9	534003	291 A	9	9 mm	0.8 mm	64.8 mm ²
FADV2MTC10X100	534058	2170 A	10	100 mm	1 mm	1000 mm ²
FADV2MTC10X120	534060	2550 A	10	120 mm	1 mm	1200 mm ²
FADV2MTC10X20X1	534015	706 A	10	20 mm	1 mm	200 mm ²
FADV2MTC10X24X1	534022	877 A	10	24 mm	1 mm	240 mm ²
FADV2MTC10X32X1	534029	1140 A	10	32 mm	1 mm	320 mm ²
FADV2MTC10X40X1	534036	1295 A	10	40 mm	1 mm	400 mm ²
FADV2MTC10X50X1	534042	1525 A	10	50 mm	1 mm	500 mm ²
FADV2MTC10X63X1	534048	1755 A	10	63 mm	1 mm	630 mm ²
FADV2MTC10X80X1	534053	1945 A	10	80 mm	1 mm	800 mm ²
FADV2MTC12X100	534059	2315 A	12	100 mm	1 mm	1200 mm ²
FADV2MTC2X20X1	534010	300 A	2	20 mm	1 mm	40 mm ²
FADV2MTC2X24X1	534016	416 A	2	24 mm	1 mm	48 mm ²

Catalog Number	Item Name	ΔT 60 K	Conducting Layers(N)	A	B	Cross Section
FADV2MTC2X32X1	534023	445 A	2	32 mm	1 mm	64 mm ²
FADV2MTC2X40X1	534030	500 A	2	40 mm	1 mm	80 mm ²
FADV2MTC3X20X1	534011	395 A	3	20 mm	1 mm	60 mm ²
FADV2MTC3X24X1	534017	453 A	3	24 mm	1 mm	72 mm ²
FADV2MTC3X32X1	534024	525 A	3	32 mm	1 mm	96 mm ²
FADV2MTC3X40X1	534031	570 A	3	40 mm	1 mm	120 mm ²
FADV2MTC3X50X1	534037	650 A	3	50 mm	1 mm	150 mm ²
FADV2MTC4X20X1	534012	440 A	4	20 mm	1 mm	80 mm ²
FADV2MTC4X24X1	534018	510 A	4	24 mm	1 mm	96 mm ²
FADV2MTC4X32X1	534025	600 A	4	32 mm	1 mm	128 mm ²
FADV2MTC4X40X1	534032	673 A	4	40 mm	1 mm	160 mm ²
FADV2MTC4X50X1	534038	795 A	4	50 mm	1 mm	200 mm ²
FADV2MTC4X63X1	534044	935 A	4	63 mm	1 mm	252 mm ²
FADV2MTC4X80X1	534049	1110 A	4	80 mm	1 mm	320 mm ²
FADV2MTC5X100X 1	534055	1515 A	5	100 mm	1 mm	500 mm ²
FADV2MTC5X20X1	534013	460 A	5	20 mm	1 mm	100 mm ²
FADV2MTC5X24X1	534019	563 A	5	24 mm	1 mm	120 mm ²
FADV2MTC5X32X1	534026	702 A	5	32 mm	1 mm	160 mm ²
FADV2MTC5X40X1	534033	832 A	5	40 mm	1 mm	200 mm ²
FADV2MTC5X50X1	534039	1016 A	5	50 mm	1 mm	250 mm ²
FADV2MTC5X63X1	534045	1125 A	5	63 mm	1 mm	315 mm ²
FADV2MTC5X80X1	534050	1285 A	5	80 mm	1 mm	400 mm ²
FADV2MTC6X100X 1	534056	1705 A	6	100 mm	1 mm	600 mm ²
FADV2MTC6X20X1	534014	506 A	6	20 mm	1 mm	120 mm ²
FADV2MTC6X24X1	534020	620 A	6	24 mm	1 mm	144 mm ²
FADV2MTC6X32X1	534027	783 A	6	32 mm	1 mm	192 mm ²
FADV2MTC6X40X1	534034	943 A	6	40 mm	1 mm	240 mm ²
FADV2MTC6X50X1	534040	1135 A	6	50 mm	1 mm	300 mm ²
FADV2MTC6X63X1	534046	1330 A	6	63 mm	1 mm	378 mm ²
FADV2MTC6X80X1	534051	1505 A	6	80 mm	1 mm	480 mm ²
FADV2MTC8X100X 1	534057	1990 A	8	100 mm	1 mm	800 mm ²
FADV2MTC8X24X1	534021	743 A	8	24 mm	1 mm	192 mm ²
FADV2MTC8X32X1	534028	943 A	8	32 mm	1 mm	256 mm ²
FADV2MTC8X40X1	534035	1140 A	8	40 mm	1 mm	320 mm ²
FADV2MTC8X50X1	534041	1290 A	8	50 mm	1 mm	400 mm ²
FADV2MTC8X63X1	534047	1525 A	8	63 mm	1 mm	504 mm ²
FADV2MTC8X80X1	534052	1755 A	8	80 mm	1 mm	640 mm ²
FADV3MTC2X20X1	534110	300 A	2	20 mm	1 mm	40 mm ²

Catalog Number	Item Name	ΔT 60 K	Conducting Layers(N)	A	B	Cross Section
FADV3MTC2X24X1	534116	416 A	2	24 mm	1 mm	48 mm ²
FADV3MTC2X32X1	534123	445 A	2	32 mm	1 mm	64 mm ²
FADV3MTC3X20X1	534111	395 A	3	20 mm	1 mm	60 mm ²
FADV3MTC3X24X1	534117	453 A	3	24 mm	1 mm	72 mm ²
FADV3MTC3X32X1	534124	525 A	3	32 mm	1 mm	96 mm ²
FADV3MTC3X40X1	534131	570 A	3	40 mm	1 mm	120 mm ²
FADV3MTC3X50X1	534137	650 A	3	50 mm	1 mm	150 mm ²
FADV3MTC4X20X1	534112	440 A	4	20 mm	1 mm	80 mm ²
FADV3MTC4X24X1	534118	510 A	4	24 mm	1 mm	96 mm ²
FADV3MTC4X32X1	534125	600 A	4	32 mm	1 mm	128 mm ²
FADV3MTC4X50X1	534138	795 A	4	50 mm	1 mm	200 mm ²
FADV3MTC5X20X1	534113	460 A	5	20 mm	1 mm	100 mm ²
FADV3MTC5X24X1	534119	563 A	5	24 mm	1 mm	120 mm ²
FADV3MTC5X32X1	534126	702 A	5	32 mm	1 mm	160 mm ²
FADV3MTC5X50X1	534139	1016 A	5	50 mm	1 mm	250 mm ²
FADV3MTC6X20X1	534114	506 A	6	20 mm	1 mm	120 mm ²
FADV3MTC6X24X1	534120	620 A	6	24 mm	1 mm	144 mm ²
FADV3MTC6X32X1	534127	783 A	6	32 mm	1 mm	192 mm ²
FADV3MTC6X40X1	534134	943 A	6	40 mm	1 mm	240 mm ²
FADV3MTC8X32X1	534128	943 A	8	32 mm	1 mm	256 mm ²

Table 3/3

Catalog Number	Item Name	2 Bar Current Coefficient	3 Bar Current Coefficient	Certifications
FADV2MTC3X13	534004	1.72	2.25	cUR, UR, Bureau Veritas, CSA, ABS, RoHS, CE, ERIFLEX FLEXADV, EAC
FADV2MTC6X13	534005	1.72	2.25	cUR, UR, Bureau Veritas, CSA, ABS, RoHS, CE, ERIFLEX FLEXADV, EAC
FADV2MTC8X6	534000	1.72	2.25	cUR, UR, Bureau Veritas, CSA, ABS, RoHS, CE, ERIFLEX FLEXADV, EAC
FADV2MTC10X15-5	534009	1.72	2.25	cUR, UR, Bureau Veritas, CSA, ABS, RoHS, CE, ERIFLEX FLEXADV, EAC
FADV2MTC2X15-5	534006	1.72	2.25	cUR, UR, Bureau Veritas, CSA, ABS, RoHS, CE, ERIFLEX FLEXADV, EAC
FADV2MTC3X9	534001	1.72	2.25	cUR, UR, Bureau Veritas, CSA, ABS, RoHS, CE, ERIFLEX FLEXADV, EAC
FADV2MTC4X15-5	534007	1.72	2.25	cUR, UR, Bureau Veritas, CSA, ABS, RoHS, CE, ERIFLEX FLEXADV, EAC

Catalog Number	Item Name	2 Bar Current Coefficient	3 Bar Current Coefficient	Certifications
FADV2MTC6X15-5	534008	1.72	2.25	cUR, UR, Bureau Veritas, CSA, ABS, RoHS, CE, ERIFLEX FLEXADV, EAC
FADV2MTC6X9	534002	1.72	2.25	cUR, UR, Bureau Veritas, CSA, ABS, RoHS, CE, ERIFLEX FLEXADV, EAC
FADV2MTC9X9	534003	1.72	2.25	cUR, UR, Bureau Veritas, CSA, ABS, RoHS, CE, ERIFLEX FLEXADV, EAC
FADV2MTC10X100	534058	1.6	2.02	cUR, Bureau Veritas, UR, ABS, RoHS, CSA, CE, ERIFLEX FLEXADV, EAC
FADV2MTC10X120	534060	1.49	1.95	Bureau Veritas, ABS, CE, ERIFLEX FLEXADV, EAC
FADV2MTC10X20X1	534015	1.72	2.25	cUR, UR, Bureau Veritas, CSA, ABS, RoHS, CE, ERIFLEX FLEXADV, EAC
FADV2MTC10X24X1	534022	1.72	2.25	cUR, UR, Bureau Veritas, CSA, ABS, RoHS, CE, ERIFLEX FLEXADV, EAC
FADV2MTC10X32X1	534029	1.72	2.25	cUR, UR, Bureau Veritas, CSA, ABS, RoHS, CE, ERIFLEX FLEXADV, EAC
FADV2MTC10X40X1	534036	1.72	2.25	cUR, UR, Bureau Veritas, CSA, ABS, RoHS, CE, ERIFLEX FLEXADV, EAC
FADV2MTC10X50X1	534042	1.72	2.25	cUR, UR, Bureau Veritas, CSA, ABS, RoHS, CE, ERIFLEX FLEXADV, EAC
FADV2MTC10X63X1	534048	1.65	2.12	cUR, UR, Bureau Veritas, CSA, ABS, RoHS, CE, ERIFLEX FLEXADV, EAC
FADV2MTC10X80X1	534053	1.65	2.12	cUR, UR, Bureau Veritas, CSA, ABS, RoHS, CE, ERIFLEX FLEXADV, EAC
FADV2MTC12X100	534059	1.6	2.02	cUR, UR, Bureau Veritas, CSA, ABS, RoHS, CE, ERIFLEX FLEXADV, EAC
FADV2MTC2X20X1	534010	1.72	2.25	cUR, UR, Bureau Veritas, CSA, ABS, RoHS, CE, ERIFLEX FLEXADV, EAC
FADV2MTC2X24X1	534016	1.72	2.25	cUR, UR, Bureau Veritas, CSA, ABS, RoHS, CE, ERIFLEX FLEXADV, EAC
FADV2MTC2X32X1	534023	1.72	2.25	cUR, UR, Bureau Veritas, CSA, ABS, RoHS, CE, ERIFLEX FLEXADV, EAC
FADV2MTC2X40X1	534030	1.72	2.25	cUR, UR, Bureau Veritas, CSA, ABS, RoHS, CE, ERIFLEX FLEXADV, EAC

Catalog Number	Item Name	2 Bar Current Coefficient	3 Bar Current Coefficient	Certifications
FADV2MTC3X20X1	534011	1.72	2.25	cUR, UR, Bureau Veritas, CSA, ABS, RoHS, CE, ERIFLEX FLEXADV, EAC
FADV2MTC3X24X1	534017	1.72	2.25	cUR, UR, Bureau Veritas, CSA, ABS, RoHS, CE, ERIFLEX FLEXADV, EAC
FADV2MTC3X32X1	534024	1.72	2.25	cUR, UR, Bureau Veritas, CSA, ABS, RoHS, CE, ERIFLEX FLEXADV, EAC
FADV2MTC3X40X1	534031	1.72	2.25	cUR, UR, Bureau Veritas, CSA, ABS, RoHS, CE, ERIFLEX FLEXADV, EAC
FADV2MTC3X50X1	534037	1.72	2.25	cUR, UR, Bureau Veritas, CSA, ABS, RoHS, CE, ERIFLEX FLEXADV, EAC
FADV2MTC4X20X1	534012	1.72	2.25	cUR, UR, Bureau Veritas, CSA, ABS, RoHS, CE, ERIFLEX FLEXADV, EAC
FADV2MTC4X24X1	534018	1.72	2.25	cUR, UR, Bureau Veritas, CSA, ABS, RoHS, CE, ERIFLEX FLEXADV, EAC
FADV2MTC4X32X1	534025	1.72	2.25	cUR, UR, Bureau Veritas, CSA, ABS, RoHS, CE, ERIFLEX FLEXADV, EAC
FADV2MTC4X40X1	534032	1.72	2.25	cUR, UR, Bureau Veritas, CSA, ABS, RoHS, CE, ERIFLEX FLEXADV, EAC
FADV2MTC4X50X1	534038	1.72	2.25	cUR, UR, Bureau Veritas, CSA, ABS, RoHS, CE, ERIFLEX FLEXADV, EAC
FADV2MTC4X63X1	534044	1.65	2.12	cUR, UR, Bureau Veritas, CSA, ABS, RoHS, CE, ERIFLEX FLEXADV, EAC
FADV2MTC4X80X1	534049	1.65	2.12	cUR, UR, Bureau Veritas, CSA, ABS, RoHS, CE, ERIFLEX FLEXADV, EAC
FADV2MTC5X100X1	534055	1.6	2.02	cUR, UR, Bureau Veritas, CSA, ABS, RoHS, CE, ERIFLEX FLEXADV, EAC
FADV2MTC5X20X1	534013	1.72	2.25	cUR, UR, Bureau Veritas, CSA, ABS, RoHS, CE, ERIFLEX FLEXADV, EAC
FADV2MTC5X24X1	534019	1.72	2.25	cUR, UR, Bureau Veritas, CSA, ABS, RoHS, CE, ERIFLEX FLEXADV, EAC
FADV2MTC5X32X1	534026	1.72	2.25	cUR, UR, Bureau Veritas, CSA, ABS, RoHS, CE, ERIFLEX FLEXADV, EAC
FADV2MTC5X40X1	534033	1.72	2.25	cUR, UR, Bureau Veritas, CSA, ABS, RoHS, CE, ERIFLEX FLEXADV, EAC

Catalog Number	Item Name	2 Bar Current Coefficient	3 Bar Current Coefficient	Certifications
FADV2MTC5X50X1	534039	1.72	2.25	cUR, UR, Bureau Veritas, CSA, ABS, RoHS, CE, ERIFLEX FLEXADV, EAC
FADV2MTC5X63X1	534045	1.65	2.12	cUR, UR, Bureau Veritas, CSA, ABS, RoHS, CE, ERIFLEX FLEXADV, EAC
FADV2MTC5X80X1	534050	1.65	2.12	cUR, UR, Bureau Veritas, CSA, ABS, RoHS, CE, ERIFLEX FLEXADV, EAC
FADV2MTC6X100X1	534056	1.6	2.02	cUR, UR, Bureau Veritas, CSA, ABS, RoHS, CE, ERIFLEX FLEXADV, EAC
FADV2MTC6X20X1	534014	1.72	2.25	cUR, UR, Bureau Veritas, CSA, ABS, RoHS, CE, ERIFLEX FLEXADV, EAC
FADV2MTC6X24X1	534020	1.72	2.25	cUR, UR, Bureau Veritas, CSA, ABS, RoHS, CE, ERIFLEX FLEXADV, EAC
FADV2MTC6X32X1	534027	1.72	2.25	cUR, UR, Bureau Veritas, CSA, ABS, RoHS, CE, ERIFLEX FLEXADV, EAC
FADV2MTC6X40X1	534034	1.72	2.25	cUR, UR, Bureau Veritas, CSA, ABS, RoHS, CE, ERIFLEX FLEXADV, EAC
FADV2MTC6X50X1	534040	1.72	2.25	cUR, UR, Bureau Veritas, CSA, ABS, RoHS, CE, ERIFLEX FLEXADV, EAC
FADV2MTC6X63X1	534046	1.65	2.12	cUR, UR, Bureau Veritas, CSA, ABS, RoHS, CE, ERIFLEX FLEXADV, EAC
FADV2MTC6X80X1	534051	1.65	2.12	cUR, UR, Bureau Veritas, CSA, ABS, RoHS, CE, ERIFLEX FLEXADV, EAC
FADV2MTC8X100X1	534057	1.6	2.02	cUR, UR, Bureau Veritas, CSA, ABS, RoHS, CE, ERIFLEX FLEXADV, EAC
FADV2MTC8X24X1	534021	1.72	2.25	cUR, UR, Bureau Veritas, CSA, ABS, RoHS, CE, ERIFLEX FLEXADV, EAC
FADV2MTC8X32X1	534028	1.72	2.25	cUR, UR, Bureau Veritas, CSA, ABS, RoHS, CE, ERIFLEX FLEXADV, EAC
FADV2MTC8X40X1	534035	1.72	2.25	cUR, UR, Bureau Veritas, CSA, ABS, RoHS, CE, ERIFLEX FLEXADV, EAC
FADV2MTC8X50X1	534041	1.72	2.25	cUR, UR, Bureau Veritas, CSA, ABS, RoHS, CE, ERIFLEX FLEXADV, EAC
FADV2MTC8X63X1	534047	1.65	2.12	cUR, UR, Bureau Veritas, CSA, ABS, RoHS, CE, ERIFLEX FLEXADV, EAC

Catalog Number	Item Name	2 Bar Current Coefficient	3 Bar Current Coefficient	Certifications
FADV2MTC8X80X1	534052	1.65	2.12	cUR, UR, Bureau Veritas, CSA, ABS, RoHS, CE, ERIFLEX FLEXADV, EAC
FADV3MTC2X20X1	534110	1.72	2.25	cUR, UR, Bureau Veritas, CSA, ABS, RoHS, CE, ERIFLEX FLEXADV, EAC
FADV3MTC2X24X1	534116	1.72	2.25	cUR, UR, Bureau Veritas, CSA, ABS, RoHS, CE, ERIFLEX FLEXADV, EAC
FADV3MTC2X32X1	534123	1.72	2.25	cUR, UR, Bureau Veritas, CSA, ABS, RoHS, CE, ERIFLEX FLEXADV, EAC
FADV3MTC3X20X1	534111	1.72	2.25	cUR, UR, Bureau Veritas, CSA, ABS, RoHS, CE, ERIFLEX FLEXADV, EAC
FADV3MTC3X24X1	534117	1.72	2.25	cUR, UR, Bureau Veritas, CSA, ABS, RoHS, CE, ERIFLEX FLEXADV, EAC
FADV3MTC3X32X1	534124	1.72	2.25	cUR, UR, Bureau Veritas, CSA, ABS, RoHS, CE, ERIFLEX FLEXADV, EAC
FADV3MTC3X40X1	534131	1.72	2.25	cUR, UR, Bureau Veritas, CSA, ABS, RoHS, CE, ERIFLEX FLEXADV, EAC
FADV3MTC3X50X1	534137	1.72	2.25	cUR, UR, Bureau Veritas, CSA, ABS, RoHS, CE, ERIFLEX FLEXADV, EAC
FADV3MTC4X20X1	534112	1.72	2.25	cUR, UR, Bureau Veritas, CSA, ABS, RoHS, CE, ERIFLEX FLEXADV, EAC
FADV3MTC4X24X1	534118	1.72	2.25	cUR, UR, Bureau Veritas, CSA, ABS, RoHS, CE, ERIFLEX FLEXADV, EAC
FADV3MTC4X32X1	534125	1.72	2.25	cUR, UR, Bureau Veritas, CSA, ABS, RoHS, CE, ERIFLEX FLEXADV, EAC
FADV3MTC4X50X1	534138	1.72	2.25	cUR, UR, Bureau Veritas, CSA, ABS, RoHS, CE, ERIFLEX FLEXADV, EAC
FADV3MTC5X20X1	534113	1.72	2.25	cUR, UR, Bureau Veritas, CSA, ABS, RoHS, CE, ERIFLEX FLEXADV, EAC
FADV3MTC5X24X1	534119	1.72	2.25	cUR, UR, Bureau Veritas, CSA, ABS, RoHS, CE, ERIFLEX FLEXADV, EAC
FADV3MTC5X32X1	534126	1.72	2.25	cUR, UR, Bureau Veritas, CSA, ABS, RoHS, CE, ERIFLEX FLEXADV, EAC
FADV3MTC5X50X1	534139	1.72	2.25	cUR, UR, Bureau Veritas, CSA, ABS, RoHS, CE, ERIFLEX FLEXADV, EAC

Catalog Number	Item Name	2 Bar Current Coefficient	3 Bar Current Coefficient	Certifications
FADV3MTC6X20X1	534114	1.72	2.25	cUR, UR, Bureau Veritas, CSA, ABS, RoHS, CE, ERIFLEX FLEXADV, EAC
FADV3MTC6X24X1	534120	1.72	2.25	cUR, UR, Bureau Veritas, CSA, ABS, RoHS, CE, ERIFLEX FLEXADV, EAC
FADV3MTC6X32X1	534127	1.72	2.25	cUR, UR, Bureau Veritas, CSA, ABS, RoHS, CE, ERIFLEX FLEXADV, EAC
FADV3MTC6X40X1	534134	1.72	2.25	cUR, UR, Bureau Veritas, CSA, ABS, RoHS, CE, ERIFLEX FLEXADV, EAC
FADV3MTC8X32X1	534128	1.72	2.25	cUR, UR, Bureau Veritas, CSA, ABS, RoHS, CE, ERIFLEX FLEXADV, EAC

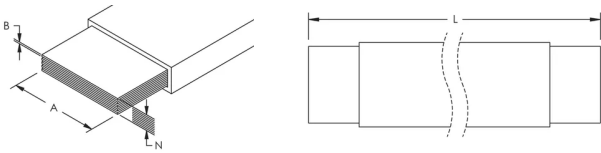
ADDITIONAL PRODUCT DETAILS

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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