

3VT1 Molded Case Circuit Breakers up to 160 A

Catalog

Circuit breakers · Switch disconnectors

1

Rated current I_n	Current setting of the inverse-time delayed overcurrent releases I_R	Operating current of the instantaneous short circuit releases $I I_i$	DT	Article No.	PS*/P. unit	Weight per PU approx.
A	A	A				kg
Circuit breakers with tripping characteristic D¹⁾						
TM, LI function 3-pole						
• with adjustable thermal overload trip unit, adjustable short-circuit trip unit						
16	12.5 ... 16	160 ... 240		3VT1701-2DC36-0AA0	1 unit	1.048
20	16 ... 20	200 ... 300		3VT1702-2DC36-0AA0	1 unit	1.048
25	20 ... 25	250 ... 375		3VT1792-2DC36-0AA0	1 unit	1.043
32	25 ... 32	160 ... 320		3VT1703-2DC36-0AA0	1 unit	1.047
40	32 ... 40	200 ... 400		3VT1704-2DC36-0AA0	1 unit	1.038
50	40 ... 50	250 ... 500		3VT1705-2DC36-0AA0	1 unit	1.043
63	50 ... 63	315 ... 630		3VT1706-2DC36-0AA0	1 unit	1.062
80	63 ... 80	400 ... 800		3VT1708-2DC36-0AA0	1 unit	1.062
100	80 ... 100	500 ... 1000		3VT1710-2DC36-0AA0	1 unit	1.047
125	100 ... 125	625 ... 1250		3VT1712-2DC36-0AA0	1 unit	1.047
160	125 ... 160	800 ... 1600		3VT1716-2DC36-0AA0	1 unit	1.070
TM, LI function 3-pole +N, for unprotected N-conductor						
• with adjustable thermal overload trip unit, adjustable short-circuit trip unit						
16	12.5 ... 16	160 ... 240		3VT1701-2EC46-0AA0	1 unit	1.336
20	16 ... 20	200 ... 300		3VT1702-2EC46-0AA0	1 unit	1.336
25	20 ... 25	250 ... 375		3VT1792-2EC46-0AA0	1 unit	1.336
32	25 ... 32	160 ... 320		3VT1703-2EC46-0AA0	1 unit	1.336
40	32 ... 40	200 ... 400		3VT1704-2EC46-0AA0	1 unit	1.336
50	40 ... 50	250 ... 500		3VT1705-2EC46-0AA0	1 unit	1.336
63	50 ... 63	315 ... 630		3VT1706-2EC46-0AA0	1 unit	1.336
80	63 ... 80	400 ... 800		3VT1708-2EC46-0AA0	1 unit	1.336
100	80 ... 100	500 ... 1000		3VT1710-2EC46-0AA0	1 unit	1.336
125	100 ... 125	625 ... 1250		3VT1712-2EC46-0AA0	1 unit	1.336
160	125 ... 160	800 ... 1600		3VT1716-2EC46-0AA0	1 unit	1.336
TM, LIN function, 4-pole, for protected N-conductor, Permissible load of N pole is 100%						
• with adjustable thermal overload trip unit, adjustable short-circuit trip unit						
16	12.5 ... 16	160 ... 240		3VT1701-2EJ46-0AA0	1 unit	1.336
20	16 ... 20	200 ... 300		3VT1702-2EJ46-0AA0	1 unit	1.336
25	20 ... 25	250 ... 375		3VT1792-2EJ46-0AA0	1 unit	1.336
32	25 ... 32	160 ... 320		3VT1703-2EJ46-0AA0	1 unit	1.336
40	32 ... 40	200 ... 400		3VT1704-2EJ46-0AA0	1 unit	1.336
50	40 ... 50	250 ... 500		3VT1705-2EJ46-0AA0	1 unit	1.336
63	50 ... 63	315 ... 630		3VT1706-2EJ46-0AA0	1 unit	1.336
80	63 ... 80	400 ... 800		3VT1708-2EJ46-0AA0	1 unit	1.336
100	80 ... 100	500 ... 1000		3VT1710-2EJ46-0AA0	1 unit	1.336
125	100 ... 125	625 ... 1250		3VT1712-2EJ46-0AA0	1 unit	1.336
160	125 ... 160	800 ... 1600		3VT1716-2EJ46-0AA0	1 unit	1.336

¹⁾ See pages 1/16 (3-pole) and 1/21 (4-pole)

Rated current I_n	Current setting of the inverse-time delayed overcurrent releases 'L' I_R	Operating current of the instantaneous short circuit releases 'I' I_i	DT	Article No.	PS*/P. unit	Weight per PU approx.
A	A	A				kg
Circuit breakers, for short-circuit protection only (tripping characteristic N¹⁾), for starter combination						
TM, I function, 3-pole						
• without overload trip unit, with <u>adjustable</u> short-circuit trip unit						
32	32	160 ... 320		3VT1703-2DB36-0AA0	1 unit	1.043
40	40	200 ... 400		3VT1704-2DB36-0AA0	1 unit	1.043
50	50	250 ... 500		3VT1705-2DB36-0AA0	1 unit	1.048
63	63	315 ... 630		3VT1706-2DB36-0AA0	1 unit	1.048
80	80	400 ... 800		3VT1708-2DB36-0AA0	1 unit	1.048
100	100	500 ... 1000		3VT1710-2DB36-0AA0	1 unit	1.050
125	125	625 ... 1250		3VT1712-2DB36-0AA0	1 unit	1.059
160	160	800 ... 1600		3VT1716-2DB36-0AA0	1 unit	1.048
TM, I function, 3-pole +N, for unprotected conductors						
• without overload trip unit, with <u>adjustable</u> short-circuit trip unit						
32	32	160 ... 320		3VT1703-2EB46-0AA0	1 unit	1.336
40	40	200 ... 400		3VT1704-2EB46-0AA0	1 unit	1.336
50	50	250 ... 500		3VT1705-2EB46-0AA0	1 unit	1.336
63	63	315 ... 630		3VT1706-2EB46-0AA0	1 unit	1.336
80	80	400 ... 800		3VT1708-2EB46-0AA0	1 unit	1.336
100	100	500 ... 1000		3VT1710-2EB46-0AA0	1 unit	1.336
125	125	625 ... 1250		3VT1712-2EB46-0AA0	1 unit	1.336
160	160	800 ... 1600		3VT1716-2EB46-0AA0	1 unit	1.336
TM, I function, 4P, for protected N conductor, Permissible load of N pole is 100% NEW						
• without overload trip unit, with <u>adjustable</u> short-circuit trip unit						
32	32	160 ... 320		3VT1703-2EG46-0AA0	1 unit	1.336
40	40	200 ... 400		3VT1704-2EG46-0AA0	1 unit	1.336
50	50	250 ... 500		3VT1705-2EG46-0AA0	1 unit	1.336
63	63	315 ... 630		3VT1706-2EG46-0AA0	1 unit	1.336
80	80	400 ... 800		3VT1708-2EG46-0AA0	1 unit	1.336
100	100	500 ... 1000		3VT1710-2EG46-0AA0	1 unit	1.336
125	125	625 ... 1250		3VT1712-2EG46-0AA0	1 unit	1.336
160	160	800 ... 1600		3VT1716-2EG46-0AA0	1 unit	1.336
Circuit breakers with tripping characteristic M²⁾, for motor protection						
TM, LI function, 3-pole						
• with <u>adjustable</u> thermal overload trip units, <u>fixed</u> short-circuit trip units						
16	12.5 ... 16	160		3VT1701-2DM36-0AA0	1 unit	1.048
20	16 ... 20	200		3VT1702-2DM36-0AA0	1 unit	1.048
25	20 ... 25	250		3VT1792-2DM36-0AA0	1 unit	1.043
32	25 ... 32	315		3VT1703-2DM36-0AA0	1 unit	1.043
40	32 ... 40	400		3VT1704-2DM36-0AA0	1 unit	1.043
50	40 ... 50	500		3VT1705-2DM36-0AA0	1 unit	1.043
63	50 ... 63	625		3VT1706-2DM36-0AA0	1 unit	1.062
80	63 ... 80	800		3VT1708-2DM36-0AA0	1 unit	1.059
100	80 ... 100	1000		3VT1710-2DM36-0AA0	1 unit	1.047
Switch disconnectors						
Switch disconnector, without overload protection, without short circuit protection						
160		3-pole		3VT1716-2DE36-0AA0	1 unit	1.015
160		4-pole		3VT1716-2EE46-0AA0	1 unit	1.336



1) See page 1/16 (3-pole)

2) See pages 1/16 and 1/20

Article No. index incl. export markings

Overview

Article-No.	Page	Export markings	
		ECCN	AL
3VT1			
3VT1701-2DC36-0AA0	1/4	N	N
3VT1701-2DM36-0AA0	1/5	N	N
3VT1701-2EC46-0AA0	1/4	N	N
3VT1701-2EJ46-0AA0	1/4	N	N
3VT1702-2DC36-0AA0	1/4	N	N
3VT1702-2DM36-0AA0	1/5	N	N
3VT1702-2EC46-0AA0	1/4	N	N
3VT1702-2EJ46-0AA0	1/4	N	N
3VT1703-2DB36-0AA0	1/5	N	N
3VT1703-2DC36-0AA0	1/4	N	N
3VT1703-2DM36-0AA0	1/5	N	N
3VT1703-2EB46-0AA0	1/5	N	N
3VT1703-2EC46-0AA0	1/4	N	N
3VT1703-2EG46-0AA0	1/5	N	N
3VT1703-2EJ46-0AA0	1/4	N	N
3VT1704-2DA36-0AA0	1/3	N	N
3VT1704-2DB36-0AA0	1/5	N	N
3VT1704-2DC36-0AA0	1/4	N	N
3VT1704-2DM36-0AA0	1/5	N	N
3VT1704-2EA46-0AA0	1/3	N	N
3VT1704-2EB46-0AA0	1/5	N	N
3VT1704-2EC46-0AA0	1/4	N	N
3VT1704-2EG46-0AA0	1/5	N	N
3VT1704-2EH46-0AA0	1/3	N	N
3VT1704-2EJ46-0AA0	1/4	N	N
3VT1705-2DA36-0AA0	1/3	N	N
3VT1705-2DB36-0AA0	1/5	N	N
3VT1705-2DC36-0AA0	1/4	N	N
3VT1705-2DM36-0AA0	1/5	N	N
3VT1705-2EA46-0AA0	1/3	N	N
3VT1705-2EB46-0AA0	1/5	N	N
3VT1705-2EC46-0AA0	1/4	N	N
3VT1705-2EG46-0AA0	1/5	N	N
3VT1705-2EH46-0AA0	1/3	N	N
3VT1705-2EJ46-0AA0	1/4	N	N
3VT1706-2DA36-0AA0	1/3	N	N
3VT1706-2DB36-0AA0	1/5	N	N
3VT1706-2DC36-0AA0	1/4	N	N
3VT1706-2DM36-0AA0	1/5	N	N
3VT1706-2EA46-0AA0	1/3	N	N
3VT1706-2EB46-0AA0	1/5	N	N
3VT1706-2EC46-0AA0	1/4	N	N
3VT1706-2EG46-0AA0	1/5	N	N
3VT1706-2EH46-0AA0	1/3	N	N
3VT1706-2EJ46-0AA0	1/4	N	N
3VT1708-2DA36-0AA0	1/3	N	N
3VT1708-2DB36-0AA0	1/5	N	N
3VT1708-2DC36-0AA0	1/4	N	N
3VT1708-2DM36-0AA0	1/5	N	N
3VT1708-2EA46-0AA0	1/3	N	N
3VT1708-2EB46-0AA0	1/5	N	N
3VT1708-2EC46-0AA0	1/4	N	N
3VT1708-2EG46-0AA0	1/5	N	N
3VT1708-2EH46-0AA0	1/3	N	N

Article-No.	Page	Export markings	
		ECCN	AL
3VT1708-2EJ46-0AA0	1/4	N	N
3VT1710-2DA36-0AA0	1/3	N	N
3VT1710-2DB36-0AA0	1/5	N	N
3VT1710-2DC36-0AA0	1/4	N	N
3VT1710-2DM36-0AA0	1/5	N	N
3VT1710-2EA46-0AA0	1/3	N	N
3VT1710-2EB46-0AA0	1/5	N	N
3VT1710-2EC46-0AA0	1/4	N	N
3VT1710-2EG46-0AA0	1/5	N	N
3VT1710-2EH46-0AA0	1/3	N	N
3VT1710-2EJ46-0AA0	1/4	N	N
3VT1712-2DA36-0AA0	1/3	N	N
3VT1712-2DB36-0AA0	1/5	N	N
3VT1712-2DC36-0AA0	1/4	N	N
3VT1712-2EA46-0AA0	1/3	N	N
3VT1712-2EB46-0AA0	1/5	N	N
3VT1712-2EC46-0AA0	1/4	N	N
3VT1712-2EG46-0AA0	1/5	N	N
3VT1712-2EH46-0AA0	1/3	N	N
3VT1712-2EJ46-0AA0	1/4	N	N
3VT1716-2DA36-0AA0	1/3	N	N
3VT1716-2DB36-0AA0	1/5	N	N
3VT1716-2DC36-0AA0	1/4	N	N
3VT1716-2DE36-0AA0	1/5	N	N
3VT1716-2EA46-0AA0	1/3	N	N
3VT1716-2EB46-0AA0	1/5	N	N
3VT1716-2EC46-0AA0	1/4	N	N
3VT1716-2EE46-0AA0	1/5	N	N
3VT1716-2EG46-0AA0	1/5	N	N
3VT1716-2EH46-0AA0	1/3	N	N
3VT1716-2EJ46-0AA0	1/4	N	N
3VT1792-2DC36-0AA0	1/4	N	N
3VT1792-2DM36-0AA0	1/5	N	N
3VT1792-2EC46-0AA0	1/4	N	N
3VT1792-2EJ46-0AA0	1/4	N	N
3VT2			
3VT2725-2AA36-0AA0	2/3	N	N
3VT2725-2AA46-0AA0	2/3	N	N
3VT2725-2AA56-0AA0	2/3	N	N
3VT2725-3AA36-0AA0	2/3	N	N
3VT2725-3AA46-0AA0	2/3	N	N
3VT2725-3AA56-0AA0	2/3	N	N
3VT3			
3VT3763-2AA36-0AA0	3/3	N	N
3VT3763-2AA46-0AA0	3/3	N	N
3VT3763-2AA56-0AA0	3/3	N	N
3VT3763-3AA36-0AA0	3/3	N	N
3VT3763-3AA46-0AA0	3/3	N	N
3VT3763-3AA56-0AA0	3/3	N	N
3VT4			
3VT4710-3AA30-0AA0	4/3	N	N
3VT4710-3AA38-0AA0	4/3	N	N
3VT5			
3VT5716-3AA30-0AA0	5/3	N	N

Article No. index incl. export markings

Article-No.	Page	Export markings	
		ECCN	AL
3VT5716-3AA38-OAA0	5/3	N	N
3VT91			
3VT9100-1SB00	1/6	EAR99	N
3VT9100-1SC00	1/6	N	N
3VT9100-1SD00	1/6	N	N
3VT9100-1SE00	1/6	N	N
3VT9100-1UC00	1/6	N	N
3VT9100-1UD00	1/6	N	N
3VT9100-1UE00	1/6	N	N
3VT9100-1UU00	1/6	N	N
3VT9100-1UV00	1/6	N	N
3VT9100-2AB10	1/6	N	N
3VT9100-2AB20	1/6	N	N
3VT9100-2AH10	1/6	N	N
3VT9100-2AH20	1/6	N	N
3VT9100-3HA10	1/7	N	N
3VT9100-3HA20	1/7	N	N
3VT9100-3HB20	1/7	N	N
3VT9100-3HC10	1/7	N	N
3VT9100-3HD10	1/7	N	N
3VT9100-3HE10	1/7	N	N
3VT9100-3HE20	1/7	N	N
3VT9100-3HF20	1/7	N	N
3VT9100-3HG10	1/7	N	N
3VT9100-3HG20	1/7	N	N
3VT9100-3HH10	1/7	N	N
3VT9100-3HH20	1/7	N	N
3VT9100-3HJ10	1/7	N	N
3VT9100-3HJ20	1/7	N	N
3VT9100-3HL00	1/11	N	N
3VT9100-3MA00	1/8	EAR99	N
3VT9100-3MB00	1/8	EAR99	N
3VT9100-3MD00	1/8	EAR99	N
3VT9100-3ME00	1/8	EAR99	N
3VT9100-3MF00	1/11	N	N
3VT9100-4ED30	1/10	N	N
3VT9100-4PP30	1/11	N	N
3VT9100-4RC00	1/10	N	N
3VT9100-4RC30	1/10	N	N
3VT9100-4TA00	1/10	N	N
3VT9100-4TA30	1/10	N	N
3VT9100-4TF30	1/10	N	N
3VT9100-4TF40	1/10	N	N
3VT9100-4TN00	1/10	N	N
3VT9100-4TN30	1/10	N	N
3VT9100-8CA30	1/11	N	N
3VT9100-8CA40	1/11	N	N
3VT9100-8CE00	1/11	N	N
3VT9100-8CE30	1/11	N	N
3VT9100-8LA00	1/8	N	N
3VT9100-8LB00	1/8	N	N
3VT9115-5GY31	1/9	N	N
3VT9115-5GY41	1/9	N	N
3VT9116-5GA40	1/9	N	N
3VT9116-5GB40	1/9	N	N
3VT9116-5GY32	1/9	N	N

Article-No.	Page	Export markings	
		ECCN	AL
3VT9116-5GY42	1/9	N	N
3VT92			
3VT9200-3HA10	2/6	N	N
3VT9200-3HA20	2/6	N	N
3VT9200-3HB20	2/6	N	N
3VT9200-3HC10	2/6	N	N
3VT9200-3HD10	2/6	N	N
3VT9200-3HL00	2/10	N	N
3VT9200-3MJ00	2/7	N	N
3VT9200-3MJ10	2/7	N	N
3VT9200-3ML00	2/7	N	N
3VT9200-3ML10	2/7	N	N
3VT9200-3MN00	2/7	N	N
3VT9200-3MN10	2/7	N	N
3VT9200-3MQ00	2/7	N	N
3VT9200-3MQ10	2/7	N	N
3VT9200-4ED30	2/9	N	N
3VT9200-4EE30	2/9	N	N
3VT9200-4PA30	2/8	N	N
3VT9200-4PA40	2/8	N	N
3VT9200-4RC00	2/9	N	N
3VT9200-4RC30	2/9	N	N
3VT9200-4TA30	2/9	N	N
3VT9200-4TC00	2/9	N	N
3VT9200-4TC30	2/9	N	N
3VT9200-4TN30	2/9	N	N
3VT9200-4WA30	2/8	N	N
3VT9200-4WA40	2/8	N	N
3VT9200-4WN00	2/10	N	N
3VT9200-8BL00	2/10, 3/10	N	N
3VT9200-8BN00	2/10, 3/10	N	N
3VT9200-8CB30	2/10	N	N
3VT9200-8CB40	2/10	N	N
3VT9200-8LC10	2/7	N	N
3VT9203-4TF00	2/9	N	N
3VT9203-4TF30	2/9	N	N
3VT9210-6AC00	2/4	N	N
3VT9210-6AP00	2/4	N	N
3VT9210-6AS00	2/4	N	N
3VT9210-6BC00	2/4	N	N
3VT9215-4TD00	2/9	N	N
3VT9215-4TD30	2/9	N	N
3VT9215-4TF00	2/9	N	N
3VT9215-4TF30	2/9	N	N
3VT9216-6AB00	2/4	N	N
3VT9216-6AC00	2/4	N	N
3VT9216-6AP00	2/4	N	N
3VT9216-6AS00	2/4	N	N
3VT9216-6BC00	2/4	N	N
3VT9220-6AB00	2/4	N	N
3VT9224-4TD00	2/9	N	N
3VT9224-4TD30	2/9	N	N
3VT9224-4TF00	2/9	N	N
3VT9224-4TF30	2/9	N	N
3VT9225-6AB00	2/4	N	N
3VT9225-6AC00	2/4	N	N