



## Short-Circuit Current Ratings (SCCR) and Branch Circuit Protection

The combinations in the table below have been tested per UL61800-5-1 (Reference UL file E116875). These ratings allow proper coordination of short circuit protection. All the ratings of the product have a 100 kA interrupt rating at the output as per UL61800-5-1 testing.

Altivar HVAC ATH200 drives are provided with integral overload and over-speed monitoring after activation of the function [Mot THR memo] Π Ε Π and can provide motor overload protection at 100% of the full load motor current. The motor thermal protection current [Mot. therm. current] Γ Ε Η must be set to the rated current indicated on the motor nameplate.

For more information refer to the ATH200 programming manual (<https://www.se.com/ww/en/download/document/JPS43207/>).

The opening of the branch circuit protective device may be an indication that a fault current has been interrupted.

### ⚠ ⚠ DANGER

#### HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH

- Current-carrying parts and other components of the controller should be examined and replaced if damaged.
- If burnout of the current element of an overload relay occurs, the complete overload relay must be replaced.

**Failure to follow these instructions will result in death or serious injury.**

Use 75°C (167°F) copper conductor with the AWG wire size shown on nameplate for all sizes.

Suitable for use on a circuit capable of delivering not more than   X   rms symmetrical kiloamperes,   Y   Volts maximum, when protected by   Z1   with a maximum rating of   Z2  .

ATH200 Short Circuit Current Ratings <sup>1, 2</sup> With Enclosure, Without Line Reactor				Minimum Enclosure Volume		With Circuit Breaker		With GV-P				Fuses		Line Reactor Min. Value <sup>9</sup>	
Input Voltage 50/60 Hz (Y)	Power Ratings		Catalog Number			PowerPact Catalog Number (Z1, Z2)	SCCR (X)	GV-P (Z1, Z2)			SCCR (X)	600 V Class J <sup>6</sup> (Z1, Z2)	SCCR (X)		
	kW	HP						Type E <sup>4</sup>	Voltage Rating	Power <sup>7</sup>					
			L	in3	kA	-	V	HP	kA	A	kA	mH	A		
240 Vac Single-phase	0.37	1/2	ATH230U04M2	53	3223	H•L36015	5 <sup>11</sup>	GV2P10	240	1/2	5 <sup>11</sup>	15	5 <sup>11</sup>	-	-
	0.55	3/4	ATH230U06M2	53	3223	H•L36015	5 <sup>11</sup>	GV2P14	240	1 1/2	5 <sup>11</sup>	25	5 <sup>11</sup>	-	-
	0.75	1	ATH230U07M2	53	3223	H•L36015	5 <sup>11</sup>	GV2P16	240	2	5 <sup>11</sup>	25	5 <sup>11</sup>	-	-
	1.1	1 1/2	ATH230U11M2	53	3223	H•L36020	5 <sup>11</sup>	GV2P16	240	2	5 <sup>11</sup>	25	5 <sup>11</sup>	-	-
	1.5	2	ATH230U15M2	53	3223	H•L36030	5 <sup>11</sup>	GV2P20	240	3	5 <sup>11</sup>	40	5 <sup>11</sup>	-	-
	2.2	3	ATH230U22M2	53	3223	H•L36035	5 <sup>11</sup>	GV3P32	240	3	5 <sup>11</sup>	45	5 <sup>11</sup>	-	-
	4	5	ATH230U75M3	53	3223	H•L36050	5 <sup>11</sup>	GV3P40	240	5	5 <sup>11</sup>	70	5 <sup>11</sup>	-	-
	5.5	7.5	ATH230D11M3	53	3223	H•L36070	5	GV3P50	240	7.5	5	100	5 <sup>11</sup>	-	-
7.5	10	ATH230D15M3	53	3223	H•L36090	5	GV3P65	240	10	5	100	5 <sup>12</sup>	-	-	
240 Vac Three-phase	0.37	1/2	ATH230U04M3	53	3223	H•L36015	5	GV2P08	240	3/4	5	7	5	-	-
	0.55	3/4	ATH230U06M3	53	3223	H•L36015	5	GV2P10	240	1 1/2	5	15	5	-	-
	0.75	1	ATH230U07M3	53	3223	H•L36015	5	GV2P10	240	1 1/2	5	15	5	-	-
	1.1	1 1/2	ATH230U11M3	53	3223	H•L36015	5	GV2P14	240	3	5	25	5	-	-
	1.5	2	ATH230U15M3	53	3223	H•L36015	5	GV2P14	240	3	5	25	5	-	-
	2.2	3	ATH230U22M3	53	3223	H•L36020	5	GV2P16	240	3	5	25	5	-	-
	3	3	ATH230U30M3	53	3223	H•L36020	5	GV2P20	240	5	5	45	5	-	-
	4	5	ATH230U40M3	53	3223	H•L36030	5	GV2P21	240	7.5	5	45	5	-	-
	5.5	7.5	ATH230U55M3	53	3223	H•L36040	22	GV3P40	240	10	22	60	22	-	-
7.5	10	ATH230U75M3	53	3223	H•L36050	22	GV3P50	240	15	22	70	22	-	-	
11	15	ATH230D11M3	53	3223	H•L36070	22	GV3P65	240	20	22	100	22	-	-	
15	20	ATH230D15M3	53	3223	H•L36090	22	GV4PB80S	240	20	22	100	22	-	-	
480 Vac Single-phase	0.37	1/2	ATH230U07N4	53	3223	H•L36015	5	GV2P08	480Y/277	2	5	6	5	-	-
	0.55	3/4	ATH230U11N4	53	3223	H•L36015	5	GV2P08	480Y/277	2	5	12	5	-	-
	0.75	1	ATH230U15N4	53	3223	H•L36015	5	GV2P10	480Y/277	3	5	12	5	-	-
	1.1	1 1/2	ATH230U22N4	53	3223	H•L36015	5	GV2P14	480Y/277	5	5	15	5	-	-
	1.5	2	ATH230U30N4	53	3223	H•L36015	5	GV2P14	480Y/277	5	5	17.5	5	-	-
	2.2	3	ATH230U40N4	53	3223	H•L36015	5	GV3P13 <sup>5</sup>	480Y/277	7.5	5	25	5	-	-
	3	3	ATH230U55N4	53	3223	H•L36020	22	GV3P18 <sup>5</sup>	480Y/277	10	22	40	22	-	-
	4	5	ATH230U75N4	53	3223	H•L36030	22	GV3P25 <sup>5</sup>	480Y/277	15	22	40	22	-	-
5.5	7.5	ATH230D11N4	53	3223	H•L36040	22	GV3P32	480Y/277	20	22	60	22	-	-	
7.5	10	ATH230D15N4	53	3223	H•L36050	22	GV3P40	480Y/277	25	22	60	22	-	-	
480 Vac Three-phase	0.55	3/4	ATH230U06N4	53	3223	H•L36015	5	GV2P07	480Y/277	1	5	6	5	-	-
	0.75	1	ATH230U07N4	53	3223	H•L36015	5	GV2P08	480Y/277	2	5	6	5	-	-
	1.1	1 1/2	ATH230U11N4	53	3223	H•L36015	5	GV2P08	480Y/277	2	5	12	5	-	-
	1.5	2	ATH230U15N4	53	3223	H•L36015	5	GV2P10	480Y/277	3	5	12	5	-	-
	2.2	3	ATH230U22N4	53	3223	H•L36015	5	GV2P14	480Y/277	5	5	15	5	-	-
	3	3	ATH230U30N4	53	3223	H•L36015	5	GV2P14	480Y/277	5	5	17.5	5	-	-
	4	5	ATH230U40N4	53	3223	H•L36015	5	GV3P13	480Y/277	7.5	5	25	5	-	-
	5.5	7.5	ATH230U55N4	53	3223	H•L36020	22	GV3P18 <sup>5</sup>	480Y/277	10	22	40	22	-	-
	7.5	10	ATH230U75N4	53	3223	H•L36030	22	GV3P25 <sup>5</sup>	480Y/277	15	22	40	22	-	-
	11	15	ATH230D11N4	53	3223	H•L36040	22	GV3P32 <sup>5</sup>	480Y/277	20	22	60	22	-	-
	15	20	ATH230D15N4	53	3223	H•L36050	22	GV3P40	480Y/277	25	22	60	22	-	-
	18.5	25	ATH230D18N4	63	3840	H•L36060	22	GV3P50	480Y/277	30	22	70	22	-	-
22	30	ATH230D22N4	63	3840	H•L36070	22	GV3P50	480Y/277	30	22	80	22	-	-	

ATH200 Short Circuit Current Ratings <sup>1,2</sup> With Enclosure, With Line Reactor				Minimum Enclosure Volume		With Circuit Breaker		With GV-P				Fuses		Line Reactor Min. Value <sup>9</sup>	
Input Voltage 50/60 Hz (Y)	Power Ratings		Catalog Number			PowerPact <sup>3</sup> Catalog Number (Z1, Z2)	SCCR (X)	GV-P (Z1, Z2)			SCCR (X)	600 V Class J <sup>6</sup> (Z1, Z2)	SCCR (X)		
								Type E <sup>4</sup>	Voltage Rating	Power <sup>7</sup>					
	kW	HP		L	in3	kA	–	V	HP	kA	A	kA	mH	A	
240 Vac Single-phase	0.37	1/2	ATH230U04M2	53	3223	H+L36015	65	GV2P10	240	1/2	65	15	100	2.5	3
	0.55	3/4	ATH230U06M2	53	3223	H+L36015	65	GV2P14	240	1 1/2	65	25	100	2.5	5
	0.75	1	ATH230U07M2	53	3223	H+L36015	65	GV2P16	240	2	65	25	100	2.5	7
	1.1	1 1/2	ATH230U11M2	53	3223	H+L36020	65	GV2P16	240	2	65	25	100	1	10
	1.5	2	ATH230U15M2	53	3223	H+L36030	65	GV2P20	240	3	65	40	100	1	13
	2.2	3	ATH230U22M2	53	3223	H+L36035	65	GV3P32	240	3	65	45	100	1	18
	4	5	ATH230U75M3	53	3223	H+L36050	65	GV3P40	240	5	65	70	100	0.4	35
	5.5	7.5	ATH230D11M3	53	3223	H+L36070	65	GV3P50	240	7.5	65	100	100	0.3	47
7.5	10	ATH230D15M3	53	3223	H+L36090	65	GV3P65	240	10	65	100	100	0.2	65	
240 Vac Three-phase	0.37	1/2	ATH230U04M3	53	3223	H+L36015	65	GV2P08	240	3/4	65	7	100	6.4	1.6
	0.55	3/4	ATH230U06M3	53	3223	H+L36015	65	GV2P10	240	1 1/2	65	15	100	6.4	2.3
	0.75	1	ATH230U07M3	53	3223	H+L36015	65	GV2P10	240	1 1/2	65	15	100	6.4	3.1
	1.1	1 1/2	ATH230U11M3	53	3223	H+L36015	65	GV2P14	240	3	65	25	100	1.5	4.4
	1.5	2	ATH230U15M3	53	3223	H+L36015	65	GV2P14	240	3	65	25	100	1.5	6
	2.2	3	ATH230U22M3	53	3223	H+L36020	65	GV2P16	240	3	65	25	100	1	9
	3	3	ATH230U30M3	53	3223	H+L36020	65	GV2P20	240	5	65	45	100	0.8	12
	4	5	ATH230U40M3	53	3223	H+L36030	65	GV2P21	240	7.5	65	45	100	0.8	15
	5.5	7.5	ATH230U55M3	53	3223	H+L36040	65	GV3P40	240	10	65	60	100	0.5	21
	7.5	10	ATH230U75M3	53	3223	H+L36050	65	GV3P50	240	15	65	70	100	0.4	28
11	15	ATH230D11M3	53	3223	H+L36070	65	GV3P65	240	20	65	100	100	0.3	41	
15	20	ATH230D15M3	53	3223	H+L36090	65	GV4PB80S	240	20	65	100	100	0.2	55	
480 Vac Single-phase	0.37	1/2	ATH230U07N4	53	3223	H+L36015	65	GV2P08	480Y/277	2	65	6	100	12	2
	0.55	3/4	ATH230U11N4	53	3223	H+L36015	65	GV2P08	480Y/277	2	65	12	100	6.8	2.9
	0.75	1	ATH230U15N4	53	3223	H+L36015	65	GV2P10	480Y/277	3	65	12	100	6.8	3.7
	1.1	1 1/2	ATH230U22N4	53	3223	H+L36015	65	GV2P14	480Y/277	5	65	15	100	5	5.4
	1.5	2	ATH230U30N4	53	3223	H+L36015	65	GV2P14	480Y/277	5	65	17.5	100	3	7.4
	2.2	3	ATH230U40N4	53	3223	H+L36015	65	GV3P13 <sup>5</sup>	480Y/277	7.5	65	25	100	3	10
	3	3	ATH230U55N4	53	3223	H+L36020	65	GV3P18 <sup>5</sup>	480Y/277	10	65	40	100	2.5	14
	4	5	ATH230U75N4	53	3223	H+L36030	65	GV3P25 <sup>5</sup>	480Y/277	15	65	40	100	1.5	18
	5.5	7.5	ATH230D11N4	53	3223	H+L36040	65	GV3P32	480Y/277	20	65	60	100	1.2	25
7.5	10	ATH230D15N4	53	3223	H+L36050	65	GV3P40	480Y/277	25	65	60	100	0.8	34	
480 Vac Three-phase	0.55	3/4	ATH230U06N4	53	3223	H+L36015	65	GV2P07	480Y/277	1	65	6	100	12	1.3
	0.75	1	ATH230U07N4	53	3223	H+L36015	65	GV2P08	480Y/277	2	65	6	100	12	1.7
	1.1	1 1/2	ATH230U11N4	53	3223	H+L36015	65	GV2P08	480Y/277	2	65	12	100	6.8	2.4
	1.5	2	ATH230U15N4	53	3223	H+L36015	65	GV2P10	480Y/277	3	65	12	100	6.8	3.2
	2.2	3	ATH230U22N4	53	3223	H+L36015	65	GV2P14	480Y/277	5	65	15	100	5	4.7
	3	3	ATH230U30N4	53	3223	H+L36015	65	GV2P14	480Y/277	5	65	17.5	100	3	6.2
	4	5	ATH230U40N4	53	3223	H+L36015	65	GV3P13 <sup>5</sup>	480Y/277	7.5	65	25	100	3	8
	5.5	7.5	ATH230U55N4	53	3223	H+L36020	65	GV3P18 <sup>5</sup>	480Y/277	10	65	40	100	2.5	11
	7.5	10	ATH230U75N4	53	3223	H+L36030	65	GV3P25 <sup>5</sup>	480Y/277	15	65	40	100	1.5	15
	11	15	ATH230D11N4	53	3223	H+L36040	65	GV3P32	480Y/277	20	65	60	100	1.2	22
	15	20	ATH230D15N4	53	3223	H+L36050	65	GV3P40	480Y/277	25	65	60	100	0.8	29
	18.5	25	ATH230D18N4	63	3840	H+L36060	65	GV3P50	480Y/277	30	65	70	100	0.7	36
	22	30	ATH230D22N4	63	3840	H+L36070	65	GV3P50	480Y/277	30	65	80	100	0.7	42
	0.55	3/4	ATH230U06N4	30.2	1844	H+L36015	65	GV2P07	480Y/277	1	65	6	65	12	1.3
	0.75	1	ATH230U07N4	30.2	1844	H+L36015	65	GV2P08	480Y/277	2	65	6	65	12	1.7
	1.1	1 1/2	ATH230U11N4	30.2	1844	H+L36015	65	GV2P08	480Y/277	2	65	12	65	6.8	2.4
	1.5	2	ATH230U15N4	30.2	1844	H+L36015	65	GV2P10	480Y/277	3	65	12	65	6.8	3.2
	2.2	3	ATH230U22N4	30.2	1844	H+L36015	65	GV2P14	480Y/277	5	65	15	65	5	4.7
3	3	ATH230U30N4	30.2	1844	H+L36015	65	GV2P14	480Y/277	5	65	17.5	65	3	6.2	
4	5	ATH230U40N4	30.2	1844	H+L36015	65	GV3P13 <sup>5</sup>	480Y/277	7.5	65	25	65	3	8	
5.5	7.5	ATH230U55N4	30.2	1844	H+L36020	65	GV3P18 <sup>5</sup>	480Y/277	10	65	40	65	2.5	11	
7.5	10	ATH230U75N4	30.2	1844	H+L36030	65	GV3P25 <sup>5</sup>	480Y/277	15	65	40	65	1.5	15	
600 Vac Three-phase	1.5	2	ATH230U15S6	53	3223	H+L36015	22	GV3P13	600Y/347	10	22	6	22	10	2.4
	2.2	3	ATH230U22S6	53	3223	H+L36015	22	GV3P13	600Y/347	10	22	10	22	5	3.3
	4	5	ATH230U40S6	53	3223	H+L36015	22	GV3P13	600Y/347	10	22	15	22	5	6
	5.5	7.5	ATH230U55S6	53	3223	H+L36025	22	GV3P13	600Y/347	10	22	20	22	2.5	8
	7.5	10	ATH230U75S6	53	3223	H+L36030	22	GV3P13	600Y/347	10	22	25	22	2.5	11
	11	15	ATH230D11S6	53	3223	H+L36045	22	GV3P18	600Y/347	15	22	35	22	1.2	16
	15	20	ATH230D15S6	53	3223	H+L36060	22	GV3P25	600Y/347	20	22	45	22	1.2	22

ATH200 Short Circuit Current Ratings <sup>1</sup> UL Type 1 (with optional UL Type 1 conformity kits)				With GV•P				Fuses		Line Reactor Min. Value <sup>9</sup>	
Input Voltage 50/60 Hz (Y)	Power Ratings		Catalog Number	GV•P (Z1, Z2)			SCCR (X)	600 V Class J <sup>6</sup> (Z1, Z2)	SCCR (X)		
				Type E <sup>4</sup>	Voltage Rating	Power <sup>7</sup>					
	kW	HP		–	V	HP	kA	A	kA	mH	A
240 Vac Single-phase	0.37	1/2	ATH230U04M2	–	–	–	–	15	5 <sup>11</sup>	–	–
	0.55	3/4	ATH230U06M2	–	–	–	–	25	5 <sup>11</sup>	–	–
	0.75	1	ATH230U07M2	–	–	–	–	25	5 <sup>11</sup>	–	–
	1.1	1 1/2	ATH230U11M2	–	–	–	–	25	5 <sup>11</sup>	–	–
	1.5	2	ATH230U15M2	–	–	–	–	40	5 <sup>11</sup>	–	–
	2.2	3	ATH230U22M2	–	–	–	–	45	5 <sup>11</sup>	–	–
	4	5	ATH230U75M3	–	–	–	–	70	5 <sup>11</sup>	–	–
240 Vac Three-phase	5.5	7.5	ATH230D11M3	–	–	–	–	100	5 <sup>11</sup>	–	–
	7.5	10	ATH230D15M3	–	–	–	–	100	5 <sup>11</sup>	–	–
	0.37	1/2	ATH230U04M3	–	–	–	–	7	5	–	–
	0.55	3/4	ATH230U06M3	–	–	–	–	15	5	–	–
	0.75	1	ATH230U07M3	–	–	–	–	15	5	–	–
	1.1	1 1/2	ATH230U11M3	–	–	–	–	25	5	–	–
	1.5	2	ATH230U15M3	–	–	–	–	25	5	–	–
	2.2	3	ATH230U22M3	–	–	–	–	25	5	–	–
	3	3	ATH230U30M3	–	–	–	–	45	5	–	–
480 Vac Single-phase	4	5	ATH230U40M3	–	–	–	–	45	5	–	–
	5.5	7.5	ATH230U55M3	–	–	–	–	60	5	–	–
	7.5	10	ATH230U75M3	–	–	–	–	70	5	–	–
	11	15	ATH230D11M3	–	–	–	–	100	5	–	–
	15	20	ATH230D15M3	–	–	–	–	100	5	–	–
	0.37	1/2	ATH230U07N4	–	–	–	–	6	5	–	–
	0.55	3/4	ATH230U11N4	–	–	–	–	12	5	–	–
	0.75	1	ATH230U15N4	–	–	–	–	12	5	–	–
	1.1	1 1/2	ATH230U22N4	–	–	–	–	15	5	–	–
1.5	2	ATH230U30N4	–	–	–	–	17.5	5	–	–	
480 Vac Three-phase	2.2	3	ATH230U40N4	–	–	–	–	25	5	–	–
	3	3	ATH230U55N4	–	–	–	–	40	5	–	–
	4	5	ATH230U75N4	–	–	–	–	40	5	–	–
	5.5	7.5	ATH230D11N4	–	–	–	–	60	22	–	–
	7.5	10	ATH230D15N4	–	–	–	–	60	22	–	–
	0.55	3/4	ATH230U06N4	–	–	–	–	6	5	–	–
	0.75	1	ATH230U07N4	–	–	–	–	6	5	–	–
	1.1	1 1/2	ATH230U11N4	–	–	–	–	12	5	–	–
	1.5	2	ATH230U15N4	–	–	–	–	12	5	–	–
	2.2	3	ATH230U22N4	–	–	–	–	15	5	–	–
	3	3	ATH230U30N4	–	–	–	–	17.5	5	–	–
	4	5	ATH230U40N4	–	–	–	–	25	5	–	–
	5.5	7.5	ATH230U55N4	–	–	–	–	40	5	–	–
	7.5	10	ATH230U75N4	–	–	–	–	40	5	–	–
11	15	ATH230D11N4	–	–	–	–	60	22	–	–	
15	20	ATH230D15N4	–	–	–	–	60	22	–	–	
600 Vac Three-phase	18.5	25	ATH230D18N4	–	–	–	–	70	5	–	–
	22	30	ATH230D22N4	–	–	–	–	80	5	–	–
	0.55	3/4	ATH230U06N4	GV2P07	480Y/277	1	65	6	65	12	1.3
	0.75	1	ATH230U07N4	GV2P08	480Y/277	2	65	6	65	12	1.7
	1.1	1 1/2	ATH230U11N4	GV2P08	480Y/277	2	65	12	65	6.8	2.4
	1.5	2	ATH230U15N4	GV2P10	480Y/277	3	65	12	65	6.8	3.2
	2.2	3	ATH230U22N4	GV2P14	480Y/277	5	65	15	65	5	4.7
3	3	ATH230U30N4	GV2P14	480Y/277	5	65	17.5	65	3	6.2	
4	5	ATH230U40N4	GV2P13 <sup>5</sup>	480Y/277	7.5	65	25	65	3	8	
600 Vac Three-phase	1.5	2	ATH230U15S6	–	–	–	–	6	5	10	2.4
	2.2	3	ATH230U22S6	–	–	–	–	10	5	5	3.3
	4	5	ATH230U40S6	–	–	–	–	15	5	5	6
	5.5	7.5	ATH230U55S6	–	–	–	–	20	5	2.5	8
	7.5	10	ATH230U75S6	–	–	–	–	25	5	2.5	11
	11	15	ATH230D11S6	–	–	–	–	35	5	1.2	16
15	20	ATH230D15S6	–	–	–	–	45	5	1.2	22	

1. The amp rating of the short circuit protection devices in the table are maximum values. Smaller amp sizes may be used. Branch circuit protection must be provided in accordance with the National Electrical Code and any additional local codes.
2. Ratings apply to an Altivar HVAC ATH200 drive mounted in a Type 1, 3R, 4(X) or 12 rated enclosure. Minimum enclosure volume allows for specified SCCR. Thermal requirements may require a larger enclosure.
3. Circuit breaker part number designations: • = short circuit current rating.  
For 240 V range, use • = D for 25 kA, G for 65 kA, J for 65 kA, L for 65 kA, R for 65 kA.  
For 480 V range, use • = D for 18 kA, G for 35 kA, J for 65 kA, L for 65 kA, R for 65 kA.  
For 600 V range, use • = D for 14 kA, G for 18 kA, J for 22 kA, L for 22 kA, R for 22 kA.
4. For GV2P/3P use, 480 V and 600 V ratings are for Wye connected electrical distribution systems. GV2P•• self protected manual combination starter must be used with GV2GH7 insulating barrier to meet UL 508 Type E rating. GV3P•• self protected manual combination starter must be used with GV3G66 + GVAM11 insulating barrier and auxiliary contact to meet UL 508 Type E rating. The GVAM11 provides a visual indication if the GV3P has tripped.
5. GV2P products detailed below can be used in place of the GV3P products for obtaining the ratings listed in the SCCR column for ratings listed lower than 10 kA, or ratings limited to 10 kA for ratings listed higher than 10 kA.  
GV2P16 for GV3P13, GV2P20 for GV3P18, GV2P22 for GV3P25.
6. Use Class CC or J fast acting or time delay.
7. UL61800-5-1 Par. 6.3.7DV.2.1.1 require publishing the standard Type E combination motor controller power rating since this is a basic identification marking of type E devices.  
However, when applied as an input overcurrent protective device for a drive, the rated current of the Type E combination motor controller, not the rated power, is the key parameter for dimensioning (reference UL61800-5-1Par. 5.2.3.6.2DV.4.1.11 & 5.2.3.6.2DV.4.1.12).  
Schneider Electric GV•P Type E combination motor controllers are adjustable, their current range is shown on the adjustment dial and their selection is based on the input current and not the power rating of the drive.
8. Order optional UL Type 1 conformity kits separately.
9. Reactor from Altivar HVAC ATH200 catalog or MTE series: RLW, do not substitute.
10. 30 A class J fuse can be used in place of fuse rating listed.
11. Despite a 5 kA SCCR, the thermal design is for 1 kA as indicated in the catalog. For an operating at 5 kA, do not exceed 45 °C (113 °F) ambient temperature at nominal load, or reduce slightly the load not to operate over the input current given in the catalog.

**Note:**

- Integral solid state short circuit protection in the drive does not provide branch circuit protection. Branch circuit protection must be provided in accordance with the National Electrical Code and any local codes.
- The Altivar HVAC ATH200 drive has a 100 kA interrupt rating on the output of the drive. In addition to providing a rating based on shorting the output of the drive, these short circuit current ratings have been obtained by shorting components internal to the Altivar HVAC ATH200. These ratings allow proper coordination of short circuit protection



The Short-Circuit Current Ratings (SCCR) and Branch Circuit Protection combinations have been tested per IEC61800-5-1 and are in the Altivar Process installation manual. For more information refer to the Altivar HVAC ATH200 installation manual (<https://www.se.com/ww/en/download/document/JPS43203/>).



## MANUFACTURER

**Schneider Electric Industries SAS**  
35 rue Joseph Monier  
Rueil Malmaison 92500  
France



## UK REPRESENTATIVE

**Schneider Electric Limited**  
Stafford Park 5  
Telford, TF3 3BL  
United Kingdom



Преобразователь частоты серии Altivar

Основные параметры и характеристики указаны на маркировке изделия.

Наименование страны, где изготовлено изделие, указано на упаковке.

Преобразователь частоты предназначен для управления асинхронными и синхронными электродвигателями с постоянными магнитами (может отличаться для разных типов преобразователей частоты).

Безопасность применения оборудования обеспечивается его эксплуатацией в установленных изготовителем условиях квалифицированным персоналом.

Правила и условия монтажа, хранения, перевозки (транспортирования), реализации и утилизации согласно инструкции по эксплуатации, размещенной на сайте изготовителя.

Отключите силовое питание от преобразователя частоты в случае возникновения не сбрасываемой неисправности и дождитесь погасания экрана графического терминала.

Найдите причину неисправности и устраните ее.

Подключите питание: это приведет к сбросу блокировки преобразователя частоты по ошибке, если причина возникновения устранена.

В некоторых случаях может произойти автоматический повторный запуск в работу после исчезновения неисправности и сброса ошибки, если эта функция была запрограммирована.

Уполномоченный поставщик в Республике Казахстан:

ТОО «Шнейдер Электрик»

Адрес: 050010, РК, г. Алматы, пр. Достык, 38,  
Бизнес Центр «Кен Дала», 5 этаж, левое крыло.

Тел.: +7 (727) 339 23 57

Номер службы поддержки клиентов:

Тел.: +7 (727) 339 24 52

Дата изготовления указана на упаковке (под текстом "Made in"):

PPYYWW, где PP – код завода, YY – год изготовления,  
WW – номер недели изготовления.

Altivar сериясының жиілік түрлендіргіші

Негізгі параметрлер мен сипаттамалар өнімнің жапсырмасында көрсетілген.

Өнім шығарылған мемлекеттің атауы қаптамада көрсетілген.

Жиілік түрлендіргіші тұрақты магниттері бар асинхронды және синхронды электр қозғалтқыштарын басқаруға арналған (жиілік түрлендіргіштерінің әр түрлі типтері үшін әр түрлі болуы мүмкін).

Жабдықты пайдалану қауіпсіздігі оның өндіруші белгілеген жағдайларда білікті маманның жұмыс жасауымен қамтамасыз етіледі.

Өндірушінің веб-сайтында пайдалану жөніндегі нұсқаулыққа сәйкес орнату, сақтау, тасымалдау, сату және жою ережелері мен шарттары көрсетілген.

Қалпына келтіруге болмайтын ақаулық туындаған жағдайда электр желісін реттелетін жиіліктік жетектен ажыратыңыз және графикалық дисплей терминалы сөнгенше күтіңіз.

Мәселенің себебін тауып, оны түзетіңіз.

Қуатты қосыңыз: егер бұл себеп жойылған болса, жиілік түрлендіргішінің құлыпталуын қайта қалпына келтіреді.

Кейбір жағдайларда ақаулық жойылып, құлыпталуы қайта қалпына келтірілгеннен кейін, автоматты түрде қайта іске қосылуы мүмкін, егер бұл функция бағдарламаланған болса.

Қазақстан Республикасында ресми жеткізуші:

ЖШС «Шнейдер Электрик»

Мекен-жайы: Қазақстан Республикасы, Алматы қ., Достық даң. ү. 38,  
«Кен Дала» Бизнес Орталығы, 5-ші қабат.

Тел.: +7 (727) 339 23 57

Клиенттерге қолдау көрсету нөмірі:

Тел.: +7 (727) 339 24 52

Дайындалу күні қаптамада көрсетілген (мәтіннің астында көрсетілген

"Made in"): PPYYWW, мұндағы PP - зауыт коды,  
YY - дайындалу жылы, WW - дайындалу аптасы.

# China RoHS Hazardous Substances Table



The data shown in this spreadsheet are related to the following version of the China RoHS 2.0:  
"Administrative Measures for the Restriction of Hazardous Substances in Electric Appliances and Electronic Products"  
released January 21st 2016.

部件名称 Part Name	有害物质 - Hazardous Substances					
	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr (VI))	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
金属部件 Metal Parts	X	O	O	O	O	O
塑料部件 Plastic Parts	O	O	O	O	O	O
电子件 Electronic	X	O	O	O	O	O
触点 Contacts	O	O	O	O	O	O
线缆和线缆附件 Cables and cabling accessories	O	O	O	O	O	O

本表格依据SJ/T11364的规定编制。

O: 表示该有害物质在该部件所有均质材料中的含量均在GB/T 26572规定的限量要求以下。

X: 表示该有害物质至少在该部件的某一均质材料中的含量超出GB/T 26572规定的限量要求。

This table is made according to SJ/T 11364.

O: indicates that the concentration of hazardous substance in all of the homogeneous materials for this part is **below** the limit as stipulated in GB/T 26572.

X: indicates that concentration of hazardous substance in at least one of the homogeneous materials used for this part is **above** the limit as stipulated in GB/T 26572