

U.S. Census Bureau
Control Instruments - 2009
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Address inquiries concerning these data to Consumer Goods Industries Branch, U.S. Department of Commerce, Census Bureau, Manufacturing and Construction Division, Washington, DC 20233-6900, or call Ryan Deng, 301-763-7697

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Table 1. Value of Shipments of Control Instruments: 2009 to 2005
[Millions of dollars]

Product class code	Product description	Year		Value
3345120	Controls for monitoring residential and commercial environments	2009	b/	1,543.4
		2008	a/	2,085.4
		2007	a/	2,159.5
		2006		2,054.2
		2005		2,216.6
3345130	Process control instruments	2009	b/	6,743.2
		2008	a/	7,590.0
		2007	a/	7,387.4
		2006		7,279.4
		2005		7,002.5
3353131	Power circuit breakers	2009	c/	716.6
		2008	c/r/	729.7
		2007	b/	579.9
		2006		576.2
		2005		597.9
3353133	Low voltage panelboards, distribution boards, and other switching and interrupting devices	2009	a/	2,256.8
		2008	a/	2,792.0
		2007	a/	2,776.0
		2006		2,550.4
		2005		2,343.8
3353135	Fuses and fuse equipment	2009		(D)
		2008		311.7
		2007		371.9
		2006		364.5
		2005		408.8
3353137	Molded case circuit breakers	2009	b/	836.1
		2008	a/r/	1,201.7
		2007	b/	1,192.9
		2006		1,142.6
		2005		930.1
3353139	Ducts, 1,000 volts and under	2009	b/	334.0
		2008		436.5
		2007		402.8
		2006		304.5
		2005		222.5
335313A	Switchgear (except ducts)	2009	c/	3,596.7
		2008	b/	3,753.2
		2007	a/	3,226.4
		2006		2,944.7
		2005		2,429.0
3353141	Relays, general purpose	2009	c/	540.0
		2008	a/	573.6
		2007	b/	563.7
		2006		617.7
		2005		590.9
3353143	Specific purpose industrial controls	2009	c/	2,538.2
		2008	c/	3,174.1
		2007	c/	3,057.2
		2006		2,895.7
		2005		2,572.8
3353146	General purpose industrial controls	2009	c/	2,924.7
		2008	a/	3,635.3
		2007	b/	3,765.2
		2006		3,626.6
		2005		3,491.4
3353147	Motor controller accessories and parts for industrial controls	2009	c/	242.5
		2008	b/	303.6
		2007	b/	292.3
		2006		358.3
		2005		345.3

Table 2. Shipments of Control Instruments: 2009 and 2008
[Quantity in thousands of units. Value in thousands of dollars]

Product code	Product description	Year	No. of cos.	Quantity		Value
3345120	Controls for monitoring residential and commercial environments	2009 2008	(X)	(X) (X)	b/ a/	1,543,361 2,085,361
3345120102	Temperature responsive (thermostats)	2009 2008	40 c/ b/	25,238 25,898		(S) 311,803
3345120115	Igniters	2009 2008	6	(D) (D)		(D) (D)
3345120221	Computerized energy control systems for buildings 1/	2009 2008	17 a/ r/	2,196,246 2,822,473	c/ c/	249,145 538,561
3345120224	Other automatic controls	2009 2008	46	(X) (X)	b/ r/	628,187 730,915
3345120225	Temperature responsive control for major appliances	2009 2008	12	54,674 (D)		99,552 (D)
3345120227	All other controls for appliances	2009 2008	13	(D) 37,799		(D) 157,703
3345120229	Parts and components for controls monitoring residential and commercial environments	2009 2008	28	(X) (X)		136,476 168,272
3345130	Process control instruments	2009 2008	(X)	(X) (X)	b/ a/	6,743,234 7,589,956
3345130101	Controllers (recording, indicating, or blind) 1/	2009 2008	34	443,266 552,841		685,834 839,654
3345130106	Other unified electronic systems 1/	2009 2008	21 r/	(D) 159,179		(D) 72,199
3345130107	Auxiliary stations and analog computing devices associated with the above, including manual loaders, auto-to-manual stations, ratio stations, adders, multipliers, integrators, etc.	2009 2008	7	(D) (D)		(D) (D)
3345130109	Electronic systems, nonunified architecture type	2009 2008	28	(X) (X)	r/	874,047 1,011,808
3345130111	Industrial multifunction process computers	2009 2008	33	(X) (X)	a/ b/	170,556 256,526
3345130127	Pneumatic systems and annunciators	2009 2008	22	(X) (X)	c/	57,883 (D)
334513022G	Other industrial type instruments	2009 2008	59	(X) (X)	c/ a/	729,651 759,875
334513021F	Continuous process instruments	2009 2008	67	(X) (X)	b/ a/r/	523,196 617,325
334513021V	Instruments for all process variables not listed above	2009 2008	30	(X) (X)	a/	167,278 207,975
334513032S	Parts for process control instruments	2009 2008	65	(X) (X)	c/ b/	316,325 361,608
3345130240	Temperature measuring instruments, electrical and electronic measuring types	2009 2008	65	(X) (X)	a/ a/	235,819 281,160
3345130248	Other temperature measuring instruments	2009 2008	35	(X) (X)		(S) (S)

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[Quantity in thousands of units. Value in thousands of dollars]

Product code	Product description	Year	No. of cos.	Quantity		Value
3345130249	Thermocouples and thermocouple lead wire	2009	44	(X)	c/	189,323
		2008		(X)		248,391
3345130251	All other types (resistance temperature detectors, radiation and optical sensors, thermistors, etc.)	2009	42	(X)	a/	138,254
		2008		(X)	a/r/	156,101
3345130264	Pressure and draft measuring instruments	2009	55	(X)	c/	533,863
		2008		(X)	c/	582,669
3345130290	Flow and liquid level measuring instruments, differential pressure types	2009	90	(X)	b/	1,664,572
		2008		(X)	a/	1,757,419
3345130293	Humidity instruments (controlling, recording, indicating and transmitting, and associated primary humidity elements, excluding home and general purpose type) 1/	2009	11	(D)		(D)
		2008		(D)		(D)
3353131	Power circuit breakers	2009	(X)	(X)	c/	716,645
		2008		(X)	c/r/	729,739
3353131101	Power circuit breakers (sold separately) for use in metal clad switchgear, oil and oilless, over 1,000 volts, (number of breakers) 1/	2009	10	(D)		(D)
		2008		(D)		(D)
3353131103	All other power circuit breakers (sold separately)	2009	28	313	c/	440,553
		2008		(D)		(D)
3353131129	Parts for all power circuit breakers	2009	14	(X)		(D)
		2008		(X)		(D)
3353133	Low voltage panelboards, distribution boards, and other switching and interrupting devices, 1,000 volts and below	2009	(X)	(X)	a/	2,256,759
		2008		(X)	a/	2,792,040
3353133201	Fusible panelboards, including combination switch fuse	2009	38	(D)		(D)
		2008		(D)		(D)
3353133104	Circuit breaker panelboards	2009	57	4,339		845,156
		2008		6,641	a/	1,034,936
3353133207	Distribution switchboards, fusible 1/	2009	25	29,633		123,171
		2008		r/ 36,892	a/r/	94,530
3353133211	Distribution switchboards, circuit breaker 1/	2009	37	321,581	a/	437,966
		2008		506,274	a/	667,762
3353133216	Knife switches, heavy duty 1/	2009	8	(D)		(D)
		2008		(D)		(D)
3353133225	Knife switches, circuit breaker type	2009	6	(D)		(D)
		2008		(D)		(D)
3353133227	Knife switches, other 1/	2009	6	(S)	c/	55,274
		2008		a/r/ 1,121,445	a/r/	66,521
3353133233	Other switches	2009	31	(X)	c/	236,606
		2008		(X)	b/	289,861
3353133237	Other low voltage switchgear apparatus	2009	28	(X)	b/	174,514
		2008		(X)	a/	176,735
3353135	Fuses and fuse equipment, under 2,300 volts (except power distribution cutouts)	2009	(X)	(X)		(D)
		2008		(X)		311,669
3353135109	Nonrenewable plug and cartridge fuses	2009	15	(X)		(D)

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[Quantity in thousands of units. Value in thousands of dollars]

Product code	Product description	Year	No. of cos.	Quantity		Value	
		2008		(X)		(D)	
3353135113	Other fuses and open fuse material, including renewable, cutouts, clips, bases, etc.	2009	14	(X)		18,404	
		2008		(X)		(D)	
3353137	Molded case circuit breakers, 1,000 volts and under	2009	(X)	(X)	b/	836,057	
		2008		(X)	a/r/	1,201,719	
3353137105	Molded case circuit breakers, industrial type	2009	31	(X)		476,103	
		2008		(X)	a/	655,034	
3353137112	Molded case circuit breakers, residential or light duty type	2009	9	(X)		(D)	
		2008		(X)		(D)	
3353137117	Molded case circuit breakers, marine, navy, aircraft and aerospace type	2009	7	(D)		(D)	
		2008		(D)		(D)	
3353137131	Molded case circuit breakers, all other types, including automotive and electronic	2009	13	(D)		(D)	
		2008		(D)		(D)	
3353139	Ducts, including plug-in units and accessories, 1,000 volts and under, consisting of enclosed sectionalized pre-fabricated bus bars rated 20 amperes or more and associated structures and fittings	2009	(X)	2,543	b/	333,999	
		2008		2,853		436,494	
335313A	Switchgear (except ducts)	2009	(X)	(X)	c/	3,596,713	
		2008		(X)	b/	3,753,227	
335313A101	Automatic and manual control panels (generators, transformers, feed-controls, etc.)	2009	58	(X)		335,421	
		2008		(X)	r/	343,478	
335313A204	Metal clad switchgear (using power circuit breakers, oil and oilless), all voltages above 1,000 volts, up to and including 38kV, excluding load interrupter switchgear	2009	27	(X)	c/	1,014,589	
		2008		(X)	c/	1,173,409	
335313A307	Metal enclosed load interrupter switchgear assemblies, all voltages, including parts	2009	27	(X)	c/	392,451	
		2008		(X)	c/	439,499	
335313A311	Metal enclosed low voltage power circuit breaker switchgear assemblies 1,000 volts and below, including parts and excluding load interrupter switchgear	2009	24	(X)	c/	604,961	
		2008		(X)	a/r/	436,511	
335313A313	Metal enclosed bus bars when sold separately, above 1,000 volts, including isolated, segregated, nonsegregated and cable bus bars	2009	8	(X)	c/	67,710	
		2008		(X)	c/	64,572	
335313A321	Power switching equipment, indoor and outdoor, excluding structures	2009	28	(X)	b/	586,883	
		2008		(X)	b/	670,829	
335313A332	Power and ground connectors, overhead transmission and distribution, all types	2009	8	(X)		(D)	
		2008		(X)		(D)	
335313A335	Power fuses, fuse links, and distribution cutouts	2009	9	(X)		(D)	
		2008		(X)		(D)	
335313A337	Other switchgear devices, including regulators and miscellaneous switchboard devices (for sale separately)	2009	23	(X)	a/	219,677	
		2008		(X)		214,909	
3353141	General purpose and other relays	2009	(X)	(X)	c/	539,985	
		2008		(X)	a/	573,574	
3353141101	Industrial control relays (all voltages), n.e.c.	2009	48	c/	5,829	c/	219,811

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Product code	Product description	Year	No. of cos.	Quantity		Value	
		2008		b/	7,587	b/	196,093
3353141112	General purpose relays, over 100 MV and sealed	2009	9		(X)		(D)
		2008			(X)		(D)
3353141117	General purpose relays, over 100 MV and NOT sealed	2009	12		(D)		(D)
		2008			(D)		(D)
3353141153	High performance military/aerospace/aircraft relays and contactors (generally pertaining to Mil-\$5757, 6106, 19523, 25108, and 39016)	2009	7		(X)	b/	134,380
		2008			(X)	r/	142,130
3353141180	Timing relays (timers)	2009	34		(S)	c/	26,292
		2008		b/	716	c/	28,825
3353141183	All other general purpose and special purpose relays, including parts	2009	44		(X)	a/	137,654
		2008			(X)	a/	177,192
3353143	Specific purpose industrial controls and power circuit devices	2009	(X)		(X)	c/	2,538,218
		2008			(X)	c/	3,174,127
3353143301	U.S. Coast Guard, Navy, and Marine auxiliary controls and accessories 1/	2009	16	c/	81,310		179,621
		2008		c/	69,807		150,280
3353143307	Crane and hoist controls, constant and adjustable voltage, including operators' desks and stations 1/	2009	11		17,498		97,114
		2008		r/	34,618	r/	126,318
3353143311	Definite purpose contactors and starters (600 volts and less)	2009	18		(D)		(D)
		2008			(D)		(D)
3353143317	Stand alone motion controllers, computer numerical controls (CNC)	2009	15		(X)		(S)
		2008			(X)		(S)
3353143323	Other stand alone motion controls (include robotic controls)	2009	20		(X)		(S)
		2008			(X)		(S)
3353143328	Programmable controllers, sold separately	2009	42		(D)		(D)
		2008			(D)		(D)
3353143333	Other specific or special purpose a.c. and d.c. controllers, other definite purpose devices	2009	91		(X)	b/	1,294,658
		2008			(X)	a/r/	1,442,497
3353146	General purpose industrial controls and power circuit devices	2009	(X)		(X)	c/	2,924,697
		2008			(X)	a/	3,635,322
3353146101	A.c. full voltage noncombination magnetic starters, 1,000 volts or less	2009	25		(S)		(S)
		2008			(S)		(S)
3353146109	A.c. full voltage combination magnetic starters, 1,000 volts or less 1/	2009	18		(S)		(S)
		2008			(S)		(S)
3353146111	Disconnect switches, 600 volts or less	2009	28	b/	1,623	c/	74,402
		2008		b/	1,806	c/	87,056
3353146117	A.c. full voltage manual controllers, 1,000 volts or less	2009	12		(X)		32,266
		2008			(X)		45,945
3353146123	A.c. contactors, 1,000 volts or less, excluding controls for packaged adjustable speed drives and synchronous motor controls	2009	15		(X)	b/	24,218
		2008			(X)		60,519
3353146131	Motor control centers, 1,000 volts or less	2009	25		(X)		278,774
		2008			(X)		370,493

Table 2. Shipments of Control Instruments: 2009 and 2008
[Quantity in thousands of units. Value in thousands of dollars]

Product code	Product description	Year	No. of cos.	Quantity		Value
3353146137	Brakes and clutches	2009	18	(X)	b/	108,095
		2008		(X)	a/	120,057
3353146142	Other general purpose controls	2009	26	(X)	c/	95,884
		2008		(X)	c/r/	146,480
3353146143	Electromechanical positioning sensors	2009	12	(X)		(S)
		2008		(X)		(S)
3353146146	Movement sensors	2009	22	(X)	a/	93,629
		2008		(X)	a/r/	101,277
3353146149	Nonoptical proximity sensors	2009	22	(X)		(S)
		2008		(X)		(S)
3353146152	Optical proximity sensors	2009	16	(X)	a/	181,686
		2008		(X)	a/	239,934
3353146169	Pushbuttons, under 30mm	2009	22	(X)		(D)
		2008		(X)		(D)
3353146171	Pushbuttons, 30 mm and larger	2009	27	(X)		21,221
		2008		(X)		27,367
3353146176	Controls for a.c. packaged drives 1/	2009	30	(S)	c/	479,136
		2008		c/t/ 889,837	b/r/	571,558
3353146179	Controls for d.c. packaged drives 1/	2009	18	b/ 114,599		(S)
		2008		a/t/ 155,458	c/	33,003
3353146182	A.c. drives systems 1/	2009	30	(S)	c/	334,011
		2008		c/ 45,724		367,190
3353146185	D.c. drives systems 1/	2009	15	(D)		(D)
		2008		(D)		(D)
3353146188	Solid state motor controllers (all voltages) 1/	2009	36	(S)		(S)
		2008		(S)	c/	200,139
3353146192	All other general industry devices	2009	88	(X)	b/	769,525
		2008		(X)	b/	956,328
3353147	Motor controller accessories and parts for industrial controls	2009	(X)	(X)	c/	242,545
		2008		(X)	b/	303,559
3353147102	Motor controller accessories	2009	38	(X)	b/	90,960
		2008		(X)	b/r/	124,844
3353147104	Parts for industrial controls	2009	67	(X)	c/	151,585
		2008		(X)	c/	178,715

Footnote:

1/ The quantity for this product code is in actual number of units.

Table 3. Shipments, Exports, and Imports of Control Instruments: 2009 and 2008
[Quantity in thousands of units. Value in thousands of dollars]

Product code 1/	Product description	Year	Manufacturers' shipments quantity		Manufacturers' shipments (value f.o.b. plant)	Exports of domestic merchandise 2/		Imports for consumption 3/	
						Quantity	Value at port	Quantity	Value at port
334512000T	Temperature responsive automatic controls (thermostats)	2009	79,912	c/	355,230	18,540	90,332	103,878	484,265
		2008	(D)		(D)	21,363	112,027	130,626	537,828
334512200T	Pressure responsive automatic, hydraulic automatic, pneumatic automatic, and automatic control, n.e.c.	2009	(N/A)	b/	1,099,123	192	842,949	2,996	1,132,246
		2008	(N/A)		(D)	248	938,089	4,284	1,506,445
3345120229	Parts and components for automatic controls, sold separately	2009	(N/A)		136,476	(NA)	444,019	(NA)	363,487
		2008	(N/A)		168,272	(NA)	598,881	(NA)	601,162
3345130	Process control instruments	2009	(X)	b/	6,743,234	1,301	803,384	11,745	639,049
		2008	(X)	a/	7,589,956	1,451	1,114,889	15,282	866,810
335313100T	Power circuit breakers	2009	(D)		(D)	50	64,770	274	81,906
		2008	(D)		(D)	51	95,178	1,024	78,171
3353131129	Parts for power circuit breakers	2009	(X)		(D)	2,473	234,683	15,374	131,361
		2008	(X)		(D)	2,977	254,487	25,278	211,523
335313200T	Low voltage panelboards and distribution boards	2009	(D)		(D)	(NA)	(NA)	(NA)	175,943
		2008	(D)		(D)	(NA)	(NA)	(NA)	223,923
335313300T	Knife switches	2009	(D)		(D)	660	232,941	6,234	552,777
		2008	(D)		(D)	1,253	358,875	8,460	675,379
3353133237	Other low voltage switchgear apparatus	2009	(N/A)	b/	174,514	249	18,674	984	14,151
		2008	(N/A)	a/	176,735	193	18,769	1,608	24,376
335313500T	Fuses and fuse equipment, under 2,300 volts	2009	(N/A)		(D)	364,928	77,459	1,846,198	175,231
		2008	(N/A)		311,669	1,098,549	125,459	1,230,922	206,407
335313700T	Molded case circuit breakers, 1,000 volts to 2,300 volts	2009	(N/A)	b/	836,057	33,878	327,509	82,749	394,258
		2008	(N/A)	a/r/	1,201,719	44,154	666,582	110,623	523,745
3353139100	Duct, including plug in units and accessories	2009	2,543	b/	333,999	(NA)	37,640	(NA)	(NA)
		2008	2,853		436,494	(NA)	53,185	(NA)	(NA)
335313A00T	Switchgear and switchgear assemblies 4/	2009	(N/A)	c/	3,221,692	10,482	89,413	(NA)	(NA)
		2008	(N/A)	b/	3,343,207	8,162	64,253	(NA)	(NA)
335313A332	Power and ground connectors and transmission and distribution connectors, all types	2009	(N/A)		(D)	18,064	88,705	102,784	107,882
		2008	(N/A)		(D)	22,859	112,407	137,312	121,484

335313A335	Power fuses, fuse links, and distribution cutouts	2009	(N/A)		(D)	27	20,945	4,720	60,452
		2008	(N/A)		(D)	32	22,192	5,301	70,173
335314100T	Relays	2009	(N/A)	c/	539,985	54,962	432,534	386,462	580,638
		2008	(N/A)	a/	573,574	73,531	498,343	580,452	820,447
3353143328	Programmable controllers	2009	(D)		(D)	154	437,899	8,847	606,089
		2008	(D)		(D)	252	627,183	13,550	797,031
3353146131	Motor control centers, 1,000 volts or less	2009	(N/A)		278,774	103	148,865	1,359	180,336
		2008	(N/A)		370,493	120	162,751	2,761	244,807
3353146137	Brakes and clutches	2009	(N/A)	b/	108,095	(NA)	42,978	(NA)	52,442
		2008	(N/A)	a/	120,057	(NA)	65,905	(NA)	96,087
335314600T	Limit switches	2009	(N/A)	c/	136,072	566	17,745	(NA)	(NA)
		2008	(N/A)	b/t/	154,673	612	21,607	(NA)	(NA)

Footnotes:

1/ For comparison of the North American Industry Classification System (NAICS)-based product codes with Schedule B export codes and HTSUSA import codes, see Table 4.

2/ Source: Census Bureau report EM 545, U.S. Exports.

3/ Source: Census Bureau report IM 145, U.S. Imports for Consumption.

4/ The quantity for this product code is in actual number of units

Table 4. Comparison of combined North American Industry Classification System (NAICS)-Based Product Codes with Schedule B Export Codes, and HTSUSA Import Codes: 2009

Combined code	Product code	Product description	Export code 1/	Import code 2/
334512000T	3345120102	Temperature responsive automatic controls (thermostats)	9032.10.0000	9032.10.0030
	3345120225			9032.10.0060
				9032.10.0090
334512200T	3345120115	Pressure responsive automatic, hydraulic automatic, pneumatic automatic, and automatic controls	9032.20.0000	9032.20.0000
	3345120221		9032.81.0080	9032.81.0080
	3345120224		9032.89.6020	9032.89.6015
	3345120227		9032.89.6085	9032.89.6025
				9032.89.6085
3345120229	3345120229	Parts and components for automatic controls, sold separately	9032.90.0000	9032.90.2000
				9032.90.4000
				9032.90.6020
				9032.90.6040
				9032.90.6060
				9032.90.6080
3345130	3345130	Process control instruments	9032.81.0040	9032.81.0020
			9032.81.0080	9032.81.0060
			9032.89.6030	9032.89.6030
			9032.89.6040	9032.89.6040
			9032.89.6050	9032.89.6050
			9032.89.6060	9032.89.6060
			9032.89.6070	9032.89.6070
			9032.89.6075	9032.89.6075
335313100T	3353131101	Power circuit breakers	8535.21.0000	8535.21.0000
	3353131103		8535.29.0020	8535.29.0020
3353131129	3353131129	Parts for power circuit breakers	8535.29.0040	8535.29.0040
			8536.20.0040	8536.20.0040

Table 4. Comparison of combined North American Industry Classification System (NAICS)-Based Product Codes with Schedule B Export Codes, and HTSUSA Import Codes: 2009

Combined code	Product code	Product description	Export code 1/	Import code 2/
335313200T	3353133104 3353133201 3353133207 3353133211	Low voltage panelboards and distribution boards	8538.90.8020	8538.90.8020
335313300T	3353133216 3353133225 3353133227	Knife switches	8537.10.9050	8537.10.9050
3353133237	3353133237	Other low voltage switchgear apparatus	8536.50.9045	8536.50.9045
335313500T	3353135109 3353135113	Fuses and fuse equipment, under 2,300 volts	8535.10.0040 8536.10.0020 8536.10.0040	8535.10.0040 8536.10.0020 8536.10.0040
335313700T	3353137105 3353137112 3353137117 3353137131	Molded case circuit breakers, 1,000 volts to 2,300 volts	8536.20.0020	8536.20.0020
3353139100	3353139100	Duct, including plug in units and accessories	8536.90.8010	8536.90.8010
335313A00T	335313A101 335313A204 335313A307 335313A311 335313A313 335313A321 335313A337	Switchgear and switchgear assemblies	8537.20.0020	8537.20.0020
335313A335	335313A335	Power fuses, fuse links, and distribution cutouts	8535.10.0020	8535.10.0020
335313A332	335313A332	Power and ground connectors and transmission and distribution connectors	8535.90.8040	8535.90.8040

Table 4. Comparison of combined North American Industry Classification System (NAICS)-Based Product Codes with Schedule B Export Codes, and HTSUSA Import Codes: 2009

Combined code	Product code	Product description	Export code 1/	Import code 2/
335314100T	3353141101	Relays	8536.41.0005	8536.41.0005
	3353141112		8536.41.0020	8536.41.0020
	3353141117		8536.41.0030	8536.41.0030
	3353141153		8536.41.0045	8536.41.0045
	3353141180		8536.41.0050	8536.41.0050
	3353141183		8536.41.0060	8536.41.0060
			8536.49.0050	8536.49.0050
			8536.49.0055	8536.49.0055
			8536.49.0065	8536.49.0065
			8536.49.0075	8536.49.0075
			8536.49.0080	8536.49.0080
3353143328	3353143328	Programmable controllers	8537.10.9060	8537.10.9060
3353146131	3353146131	Motor control centers, 1,000 volts or less	8537.10.6000	8537.10.6000
3353146137	3353146137	Brakes and clutches	8505.20.0000	8505.20.0000
335314600T	3353146143	Limit switches	8536.50.9055	8536.50.9055
	3353146146			

Footnotes:

1/ Source: 2009 edition, Harmonized System-based Schedule B, Statistical Classification of Domestic and Foreign Commodities Exported from the United States.

2/ Source: Harmonized Tariff Schedule of the United States, Annotated (2009).

Symbols:

- (D) - Withheld to avoid disclosing data of individual companies.
- (X) - Not collected.
- (N/A) - Not applicable.
- r/ - Revised by 5 percent or more from previously published data.
- (pt.) Part.
- Represents zero.

Estimation symbols - Percent of estimation for each item is indicated as follows:

- a/ - 10 to 19 percent of this item has been estimated.
- b/ - 20 to 29 percent of this item has been estimated.
- c/ - 30 to 49 percent of this item has been estimated.
- (S) - Withheld because estimates did not meet publication standards

HISTORICAL NOTE

The Census Bureau has collected data on switchgear, switchboard apparatus, relays, and industrial controls since 1971 on survey MA335A.

The Census Bureau has collected data on selected instruments and related products since 1961 on survey MA334B.

Beginning in 2005, data for MA335A, Switchgear, Switchboard Apparatus, Relays, and Industrial Controls, and a portion of MA334B, Selected Instruments and Related Products, will be published under the new survey MA334C, Control Instruments. Additional data for MA334B can be found on surveys MA334A, Analytical and Biomedical Instruments, MA334D, Defense, Navigational and Aerospace Electronics, and MA334T, Meters and Test Devices.

Historical Current Industrial Reports data may be obtained from a Federal Depository Library. To locate a Federal Depository Library in your area, please visit <http://www.gpoaccess.gov/libraries.html>.