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2017 Economic Census

Location Information	
DEFINITION OF ESTABLISHMENT	
The reporting unit for this questionnaire i or industrial operations are performed.	s an establishment . An establishment is generally a single physical location where business is conducted or where services
PHYSICAL ADDRESS	
Please update the location's physical add	ress if needed.
Name 1	
Store/Plant	
Name 2	
Number and Street	
City, town, village, etc.	State ZIP Code Select State or Territory 99999-9999
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CFN	



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Legal Boundary and Municipality	
EIN: Store / Plant: CFN:	
LEGAL BOUNDARY AND MUNICIPALITY	
Is this establishment physically located inside the legal boundaries of the city, town, village, etc.?	
○ Yes	
○ No	
No legal boundaries	
O Do not know	
In what type of municipality is this establishment physically located?	
City, village, or borough	
○ Town or township	
Other	
O Do not know	



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Item 1: Employer Identification Number
EIN: Store / Plant: CFN:
ITEM 1: EMPLOYER IDENTIFICATION NUMBER
Is the Employer Identification Number (EIN) used on this establishment's latest 2017 Internal Revenue Service Form 941, Employer's Federal Quarterly Tax Return?
○ Yes
○ No



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2017 Economic Census

MC-33532 - Relay and Industrial Control Manufacturing

Item 1: Employer Identification Number - Enter/Update EIN

EIN:

Store / Plant:

CFN:

ITEM 1: EMPLOYER IDENTIFICATION NUMBER

What is this establishment's 9-digit Employer Identification Number (EIN) used on its latest 2017 Internal Revenue Service Form 941, Employer's Federal Quarterly Tax Return?

E	I	Ν	ı

99-9999999



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Item 3: Operational Status				
EIN: Store / Plant: CFN:				
ITEM 3: OPERATIONAL STATUS				
Which of the following best describes this	establishment's operational status at the	end of 2017?		
In operation				
Under construction, developmen	t, or exploration			
 Temporarily or seasonally inacti 	ve			
Ceased operation				
 Sold or leased to another operate 	or			
CEASED OPERATION OR SOLD OR LEASED) INFORMATION			
If this establishment ceased operation or	was sold or leased to another operator, w	what was the date?		
MMDDYYYY				
If this establishment was sold or leased to owner or operator?	o another operator, what is the name, add	dress, and 9-digit Employe	er Identification Number (EIN) (of this establishment's new
Name of new owner/operator				
Mailing Address (Number and Street, F Box, etc.)	°.O.			
City, town, village, etc.	State Select State or Territory	•	ZIP Code 99999-9999	
EIN 99-9999999				



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2017 Economic Census

Item 4: Months in Operation		
EIN: Store / Plant: CFN: ITEM 4: MONTHS IN OPERATION		
	Check if	
What was the number of months in operation during 2017?	None	2017



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General Reporting Guidelines	
EIN: Store / Plant: CFN: GENERAL REPORTING GUIDELINES	
Responses should cover calendar year 2017. If your fiscal year covers at least 10 months of calendar year 2017, you may report by fiscal calendar year figures for payroll may be available from: IRS Form 941 (Employer's Quarterly Federal Tax Return) IRS Form 944 (Employer's Annual Federal Tax Return) If you report by fiscal year, indicate the exact dates of the fiscal year on the submission cert	
Providing Estimates If book figures are not available, estimates are acceptable.	
How to Report Dollar Figures: Dollar figures should be rounded to thousands of dollars.	
EXAMPLE - if a dollar figure is \$2,036,355.25, report 2036:	Check if None 2017 \$ 2036 ,000.00
EXAMPLE - if a dollar figure is "0" (or less than \$500.00), check the None box: How to Report Percents:	Check if None 2017 \$,000.00
Percents should be rounded to whole percents.	2017
EXAMPLE - if figure is 38.76% of total sales, report 39:	39 %



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2017 Economic Census

Item 5: Sales, Shipments, Receipts, or Revenue Additional Information		
EIN: Store / Plant: CFN: ITEM 5: SALES, SHIPMENTS, RECEIPTS, OR REVENUE		
A. What was the total value of products shipped and other receipts for this establishment?		
(Report detail in Item 22.)		
Indude:All products physically shipped from this establishment during 2017	Chock	
Exclude: • Freight charges • Excise taxes	Check if None	\$,000.00
B. What was the value of products shipped for export? (This is a breakout of the \$,000.00 reported in Item 5 , line A.)		
Include: Products sold to the U.S. government to be shipped to foreign governments under military and economic assistance programs Products shipped to exporters or other wholesalers for export Products shipped to foreign subsidiaries or foreign divisions of your company and their affiliates Exclude: Products shipped for further manufacture, assembly, or fabrication in the United States Freight charges Excise taxes		
 Overseas sales to the U.S. government Shipments of bunker fuels and other supplies and equipment for U.S. vessels and planes engaged in foreign trade 		\$,000.00
C. What was the market value of products shipped to other domestic plants of your company for further assembly, fabrication, or manufacture? (This is a breakout of the \$,000.00 reported in Item 5, line A.) Include: A reasonable portion of other costs (company overhead) A reasonable portion of profits		
 Products that are shipped to or on order from your company's sales or wholesale offices and sold to customers outside your company 		\$,000.00
 D. What percent of the \$,000.00 reported in Item 5, line A was for goods that were ordered or whose movement was controlled or coordinated over electronic networks? (Report whole percent.) E-shipments are online orders accepted for manufactured products from customers. These include shipments to other domestic plants of your own company for further manufacture, assembly, or fabrication. The price and terms of sale for these shipments are negotiated over an online system. Payment may or may not be made online. Include: Electronic Data Interchange (EDI) 		
 E-mail Internet Extranet Other online systems 		%



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Item 7: Employment and Payroll Additional Information		
EIN: Store / Plant: CFN:		
ITEM 7: EMPLOYMENT AND PAYROLL		
 Include: Full- and part-time employees working at this establishment whose payroll was reported on Internal Rev Federal Tax Return, and filed under the Employer Identification Number (EIN) All persons on paid sick leave, paid holidays, and paid vacation during the year at this establishment 	venue Service F	orm 941, Employer's Quarterly
 Exclude: Full- or part-time leased employees whose payroll was filed under an employee leasing company's EIN Temporary staffing obtained from a staffing service (Report values in Item 16, line D1.) Purchased professional and technical services (Report values in Item 16, line D9.) Subcontractors and their employees (Report cost of contract work in Item 16, line A3.) Fishermen, agricultural employees, members of the Armed Forces, and pensioners carried on your act 	·	in Item 16, line D1.)
A. What was the number of production workers at this establishment (direct labor including first-line supervisor	rs) for the pay p	period including:
 Workers engaged in fabricating, processing, assembling, inspecting, receiving, packing, warehousing janitorial, guard services, product development, auxiliary production for plant's own use (e.g., power services (including truck drivers delivering ready-mixed concrete) 		
1. March 12 (Q1)?	Check if None	2017 Number
2. June 12 (Q2)?		
3. September 12 (Q3)?		
4. December 12 (Q4)?		
TOTAL Production workers at this establishment (direct labor including first-line supervisors) (Add lines A1 through A4.)		
B. Average number of annual production workers at this establishment (direct labor including first-line supervisors)? (Divide TOTAL Production workers by 4 and round to the nearest whole number.)		



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MC-33532 - Relay and Industrial Control Manufacturing

 C. What was the number of all other (non production) employees at this establishment for the first quarter (January - March 2017)? Include: Officers at this establishment, if a corporation Supervision above line-supervisor level Sales employees, including delivery (truck driver and helpers) Advertising, clerical, credit, collection, purchasing, finance, legal, executive, and technical employees Employees installing and servicing this establishment's products 	
 Proprietors and partners, if an unincorporated concern Temporary staff and leased employees (Report values in Item 16, line D1.) 	
TOTAL (Add lines B and C.)	
D. HOURS WORKED:	
What was the annual number of hours worked by the production workers at this establishment (direct labor including first-line supervisors) reported in line B? Exclude: • Hours paid for vacations, holidays, or sick leave unless an employee elects to work during their vacation period. Report only actual hours worked by such employee. Overtime hours should be reported as actual hours worked and not as straight-time equivalent hours.	2017 Hours ,,000
 E. PAYROLL What was the annual payroll at this establishment before deductions for: Exclude: Employer-paid annual cost for fringe benefits reported in lines F1 through F3 	
1. Production workers reported in line B?	\$,000.00
2. All other employees reported in line C?	\$ 00.000
TOTAL (Add lines E1 and E2.)	\$,000.00
What was the first quarter payroll at this establishment before deductions (January - March 2017)?	,000.00

F. EMPLOYER-PAID ANNUAL COST FOR FRINGE BENEFITS

(This is the employer's annual cost at this establishment for legally required programs and programs not required by law. If any of the items here are maintained in your records only at the company level, allocate their costs to the manufacturing establishment. You may distribute the total on the basis of the ratio of the payroll of each manufacturing establishment to the total company payroll unless you have developed your own method of making such allocations. Specify the method used and the approximate portion that has been allocated in the Item 31: REMARKS section at the end of the instrument.)

Include:

- Premium equivalents for self-insured plans and fees paid to third-party administrators (TPAs)
- Spread on stock options that are taxable to employees at this establishment as wages

Exclude:

- Employee contributions
- Disbursements from trusts or funds to satisfy health insurance claims

What were the $\mbox{\it employer's}$ annual $\mbox{\it costs}$ at this establishment for:



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1. Health Insurance? - Insurance premiums on hospitals, medical plans, and single-service plans such as dental, vision, and prescription drug plans	\$,000.00
2. Retirement Plans?		
a. Defined benefit pension plans (qualified and nonqualified) - Plans that specify the benefit to be paid to employees upon retirement, generally either a specific amount or a percentage of compensation. Employer contributions are based on actuarial computations that include employee's compensation and years of service and are not allocated to specific accounts maintained for employees.	\$,000.00
b. Defined contribution plans - Plans that define the employer contributions to a separate account provided for each employee. The employee "benefit" at retirement depends on the amount contributed and the results of the account's activity.		
 Examples: Profit sharing plans Money purchases (<i>e.g.</i>, 401k, 403b) Stock bonus plans (<i>e.g.</i>, ESOPs) 	\$,000.00
3. Payroll taxes, employer-paid insurance premiums, and other employer-paid benefits?		
 Legally-required fringe benefits (e.g., Social Security, workers compensation insurance, state disability insurance programs, long- and short- term disability, unemployment tax, and Medicare) Life insurance benefits 		
 "Quality of life" benefits (e.g., childcare assistance, adoption assistance, subsidized commuting, long-term care insurance, flexible workplace, employer-provided home PC, etc.) Employer contributions to pre-tax benefit accounts (e.g., health savings account) Education assistance Stock options 		
 Other benefits not specified above (e.g., job-related travel accident insurance, education assistance, wellness programs, fitness centers, employee assistance programs, etc.) 		
 Exclude: Disbursements from trusts or funds to satisfy health insurance claims 	\$,000.00
4. TOTAL (Add lines F1 through F3.)	\$,000.00



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2017 Economic Census

Item 9: Value of Inventories Additional Information						
EIN: Store / Plant: CFN: ITEM 9: VALUE OF INVENTORIES						
Report inventories at cost or market using generally actinventories are held. If this establishment is part of a responsible for as if it owned them. What was the value of inventories owned by this establi	nultiple-establish	nment company, assig	gn to each estab	olishment those in	eventories that the est	
Finished goods (final output of this establishment, but still within ownership)?	Check if None	2017	,000.00	Check if None	2016	,000.00
B. Work-in-process (goods that have been substantially transformed in the manufacturing process, but are not yet the final output of the establishment)?		\$,000.00		\$,000.00
C. Materials, supplies, fuels, etc. (goods that are raw inputs to the manufacturing process and will be substantially altered to produce this establishment's output?		\$,000.00		\$,000.00
TOTAL (Add lines A through C.)		\$,000.00		\$,000.00



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Item 10: Inventories by Valuation Method Additional	Information					
EIN: Store / Plant: CFN:						
ITEM 10: INVENTORIES BY VALUATION METHOD						
Of the \$,000.00 reported in Item 9 as the total value of total value of inventories owned by this establishment a		-				ed in Item 9 as the
A Non-LIFO (Last-In, First-Out) valuation methods						
1. First-In, First-Out (FIFO)?	Check if None	2017 \$,000.00	Check if None	2016	,000.00
2. Average Cost?		\$,000.00		\$,000.00
3. Standard Cost?		\$,000.00		\$,000.00
4. Other non-LIFO valuation method(s)? Describe		\$,000.00		\$,000.00
TOTAL (Add lines A1 through A4.)		\$,000.00		\$,000.00
B. LIFO Valuation Method (gross LIFO amount)?		\$,000.00		\$,000.00
TOTAL Non-LIFO and LIFO methods (Add TOTAL of lines A1 through A4 and B.)		\$,000.00		\$,000.00
C. What is the amount of LIFO reserve (if any)? (If the value of reserve is negative, use "-".)		\$,000.00		\$,000.00



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2017 Economic Census

MC-33532 - Relay and Industrial Control Manufacturing

Item 11: Inventories Outside of the United States

EIN:

Store / Plant:

CFN:

ITEM 11: INVENTORIES OUTSIDE OF THE UNITED STATES

Of the \$,000.00 reported in **Item 9** as the total value of inventories owned by this establishment as of December 31, 2017, and the \$,000.00 reported in **Item 9** as the total value of inventories owned by this establishment as of December 31, 2016, what was the value of inventories stored or en route OUTSIDE the 50 U.S. states and the District of Columbia?

Exclude:

• Inventory held in Foreign Trade Zones or in bonded warehouses in the U.S

For more detailed definitions, please see:

http://enforcement.trade.gov/ftzpage/info/ftzstart.html

Check if			Check if		
None	2017		None	2016	
	\$,000.00		\$,000.00



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Item 13: Assets, Capital Expenditures, and Retirements Additional Information		
EIN: Store / Plant: CFN: ITEM 13: ASSETS, CAPITAL EXPENDITURES, AND RETIREMENTS		
Include: Dollar value of assets, capital expenditures, and retirements Buildings, structures, and equipment used directly or indirectly by this establishment to produce the go	ods and services	reported in Item 5 , line A and Item 22
A What was the gross value of depreciable assets (acquisition costs) at the beginning of the year?	Check if None	\$,000.00
B. What were the capital expenditures for new and used depreciable assets in 2017 for:		
1. New and used buildings and other structures?		
Exclude: • The value of land on which structures stand		\$,000.00
2. New and used machinery and equipment?		
a. Automobiles, trucks, etc. for highway use?		\$,000.00
b. Computers and peripheral data processing equipment?		\$,000.00
c. All other expenditures for machinery and equipment?		,000.00
TOTAL (Add lines B1 and B2a through B2c.)		,000.00
C. What was the gross value of depreciable assets sold, retired, scrapped, destroyed, etc.?		\$,000.00
D. What was the value of depreciable assets at the end of the year? (Add lines A, B1, B2a through B2c and subtract line C.)		\$,000.00



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Item 14: Rental Payments Additional Information		
EIN: Store / Plant: CFN:		
ITEM 14: RENTAL PAYMENTS		
Include: • Operating leases		
Capital leases (leases with a contract to own at the end of the lease)		
At this establishment, what were the payments for:		
 A. Rental or lease of buildings and other structures? Include: Job-site trailers Land on which the buildings and other structures stand 	Check if None	2017 \$,000.00
 Rental or lease of machinery and equipment? Include: Production, loading, and transportation machinery and equipment Construction equipment Tools Office equipment Furniture Vehicles 		
 Exclude: Computer time-sharing charges for machinery and equipment rentals from computer service companies where the computer is not on site at the establishment 		\$,000.00
TOTAL (Add lines A and B.)		\$,000.00



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Item 16: Selected Expenses Additional Information		
EIN: Store / Plant: CFN: ITEM 16: SELECTED EXPENSES		
A. For this establishment, what were the production-related costs in 2017 for:		
1. Materials, parts, containers, packaging, supplies, etc. used for manufacturing processes, repairs, services for others, or other operating supplies? (Report detail in Item 18.)		
 Include: Cost of production-related materials purchased by this establishment for other companies (contractors). Exclude: Non-production-related expenses that were paid to other companies (contractors) by this establishment. (Report these expenses on the next screen in Item 16, line D.) 	Check if None	\$,000.00
 Products bought and sold without further processing? (Report sales in Item 5, line A and in Wholesaling Services product codes in Item 22.) 		,000.00
3. Work done for you by others on your materials (work contracted to others)? (Report on line A1 the cost of production-related materials purchased by this establishment for other companies (contractors).)		\$,000.00
4. Purchased fuels consumed for heat, power, or the generation of electricity? (Report on line B2 the quantity of electricity generated (Gross less generating station use).)		\$,000.00
5. Purchased electricity? (Report comparable quantity on line B1.)		\$,000.00
TOTAL (Add lines A1 through A5.)		\$,000.00
B. For this establishment, what was the quantity of:		
1. Purchased electricity? (Quantity comparable to cost reported in line A5)		2017 Kilowatt Hours ,000
2. Generated electricity (gross less generating station use)? (Quantity comparable to cost reported in line A4)		,000
3. Electricity sold or transferred to other establishments? (Also include quantity on lines B1 and/or B2.)		,000
C. For this establishment, what were the depreciation/amortization charges for the current year obtained from your income statement? (Include depreciation on all assets reported in Item 13.)		\$,000.00



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Item 16: Selected Expenses - Continued		
EIN: Store / Plant: CFN: ITEM 16: SELECTED EXPENSES		
D. What were the other operating expenses paid by this establishment in 2017 for:		
 Include: Expenses normally considered as non-production-related costs purchased from other companies 		
 1. Temporary staff and leased employees? (Professional Employer Organizations and staffing agencies for personnel) Include: All charges for payroll, benefits, and services 	Check if None	2017 \$,000.00
 2. Expensed equipment? (Expensed computer hardware and other equipment) Include: Copiers Fax machines Telephones Shop and lab equipment CPUs Monitors Exclude: Packaged software (Report on line D3.) Leased and rented equipment (Report in Item 14, line B.) 		\$,000.00
3. Expensed purchases of software? (Purchases of prepackaged, custom-coded or vendor-customized software) Include: Software developed or customized by others Web-design services and purchases Licensing agreements Upgrades of software Maintenance fees related to software upgrades and alterations		\$,000.00
4. Purchased communication services?		
 Include: Telephone, cellular, and fax services Computer-related communications (e.g., Internet, connectivity, online) Other wired and wireless communication services Credit card transaction fees 		\$,000.00



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5. Data processing and other purchased computer services?	
Include: Computer facilities management services Computer input preparation Data storage Computer time rental Optical scanning services Other computer-related advice and services, including training Exclude: Services provided by other establishments of this company (such as a separate central data processing unit) Expensed integrated systems (Report in line D4.) Repair and maintenance of computer equipment (Report on line D6.)	
 Payroll processing and credit card transaction fees (Report payroll processing fees on line D9 and credit card transaction fees on line D4.) Expenses for telecommunication services (e.g., Internet, connectivity, telephone) (Report on line D4.) 	\$,000.00
 6. Purchased repairs and maintenance to buildings and/or machinery and equipment? Include: Repairs for painting, roof repairs, replacing parts, over-hauling of equipment, and other repairs chargeable as current operating costs Cost of repair and maintenance of any leased property if this establishment assumes the cost Exclude: Extensive "repairs" or reconstruction that is capitalized. Report these as a capital expenditure in Item 13. Costs of materials, parts, and supplies directly incurred by this establishment using its own work force to perform repairs and maintenance 	\$,000.00
 7. Water, sewer, refuse removal, and other non-electric utility payments? (Report electric utility payments on line A5. If the costs of these utilities are included in a lease or rental payment, report in Item 14, line A.) Include: Cost of hazardous waste removal or treatment Exclude: Cost of refuse removal services if included in rental payments Machinery or equipment reported as a capital expenditure in Item 13 Cost of salaries paid to employees of this establishment whose work involves refuse removal and/or hazardous waste removal or treatment 	\$,000.00
 8. Purchased advertising and promotional services? Indude: Marketing and public relations services Exclude: 	
Salaries paid to employees of this establishment for advertising work	,000.00



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9. Purchased professional and technical services?	
Include: Management consulting Accounting Auditing Bookkeeping Legal Actuarial Payroll processing Architectural Engineering Other professional services (i.e. janitorial, security, or landscape services) Exclude:	
• Salaries paid to your own employees for these services (Report in Item 7.)	\$,000.00
 10. Governmental taxes and licensing fees? (Payments to government agencies for taxes and licenses) Include: Business and property taxes Exclude: Income taxes 	\$,000.00
 11. All other operating expenses not reported elsewhere? Exclude: Purchases of merchandise for resale Non-operating expenses Describe 	\$,000.00
TOTAL (Add lines 1 through 11.)	\$,000.00



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MC-33532 - Relay and Industrial Control Manufacturing

Item 17A: Principal Business or Activity

EIN: Store / Plant: CFN:

ITEM 17A: PRINCIPAL BUSINESS OR ACTIVITY

Which ONE of the following best describes this establishment's principal kind of business or activity in 2017? If none of the provided selections seem appropriate, provide a specific description of the primary business activity. *Select only ONE.*

Relay and Industrial Control Manufacturing
Switchgear and Switchboard Apparatus Manufacturing
Current-Carrying Wiring Device Manufacturing
O Instruments and Related Products Manufacturing for Measuring, Displaying, and Controlling Industrial Process Variables
Printed Circuit Assembly (Electronic Assembly) Manufacturing
Radio and Television Broadcasting and Wireless Communications Equipment Manufacturing
Software and Other Prerecorded Compact Disc, Tape, and Record Reproducing
O Power, Distribution, and Specialty Transformer Manufacturing
Motor and Generator Manufacturing
Industrial Valve Manufacturing
Other principal business or activity - Describe Describe



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MC-33532 - Relay and Industrial Control Manufacturing

Item 18: Detailed Cost of Materials, Parts, and Supplies

EIN:

Store / Plant:

CFN:

ITEM 18: DETAILED COST OF MATERIALS, PARTS, AND SUPPLIES

Of the \$,000.00 of materials, parts, and supplies in 2017, reported on Item 16, line A1, how much was for the following specified materials?

General - The sum of the costs of the itemized materials in this section should equal the figure reported on **Item 16**, line A1 (*Cost of materials, parts, containers, packaging, etc. used*). The following is a breakout of the \$,000.00 currently reported there. The materials, parts, and supplies listed below are commonly consumed in the manufacture, processing, or assembly of the products listed in **Item 22**.

- Please review the entire list and report separately each item consumed.
- Leave a material blank if you did not consume the item.
- Report materials, parts, and supplies purchased, transferred from other plants of your company, or withdrawn from inventory.
- If the information as requested cannot be taken directly from your book records, reasonable estimates are acceptable.

Valuation of Materials Consumed - The value of the materials, parts, and supplies consumed should be based on the delivered cost; i.e., the amount paid or payable after discounts, and including freight and other direct charges incurred in acquiring the materials.

- Materials transferred from other plants within your company should be reported at their full economic value (the value assigned by the shipping plant, plus the cost of freight and other handling charges).
- If purchases or transfers do not differ significantly from the amounts actually consumed, you may report the cost of purchases or transfers. However, if
 consumption differs significantly from the amounts purchased or transferred, these amounts should be adjusted for changes in the materials and supplies
 inventories by adding the beginning inventory to the amount purchased or transferred and subtracting ending inventory, reported on Item 9.

Contract Manufacturing - The value of materials used for products produced under contract by other companies.

Include:

Materials purchased by this establishment to be consumed by companies that are manufacturing products for this establishment under contract.

Exclude

- Amounts paid to companies that are manufacturing products for this establishment under contract. Report these amounts on Item 16, line A3 (Cost of work
 done for you by others on your materials).
- Materials owned by other companies but used by this establishment to make products under contract or for a commission.

Wholesaling Activities (previously Resales) - The costs of imported or domestic products bought and sold or transferred from other establishments of your company and sold without further manufacture, processing, or assembly should not be reported here.

- The cost of these wholesale products should be reported on Item 16, line A2 (Cost of products bought and sold without further processing).
- The value of these wholesale products shipped by this establishment should be reported in **Item 22** on the line appropriate for the type of Wholesaling activity being reported.

Description	Value	Census Material Code
Sheet metal products (excluding stampings)	\$,000.0	33232200
2. Metal bolts, nuts, screws, washers, rivets, and other screw machine products	\$,000.0	33272203
Semiconductors (including transistors, diodes, rectifiers, and integrated circuits) for electronic circuitry, and related devices (including electronic control modules)	\$,000.0	33441310
4. Miscellaneous fabricated metal products (excluding hardware, containers, screw machine products (bolts, nuts, screws, etc.), bearing components, castings, forgings, and wire products)	\$,000.0	33200091
Miscellaneous iron, steel, and ferroalloy ingot, shapes, and forms (excluding castings, forgings, bars, structural shapes, wire, sheet, strip, and semifinished shapes)	\$,000.0	33110090
Nonferrous metal shapes, forms, sheet, strip, powder, and wire (excluding castings and forgings) (excluding aluminum and copper)	\$,000.0	33141000



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7. Nonferrous metal castings (excluding aluminum and aluminum-based alloy)	\$,000.00 33152300	
8. Miscellaneous copper and copper-base alloy shapes and forms (excluding wire products, ingot, ingot bar, castings, cathodes, anodes, pipe, tube, rods, bar, and bar shapes)	\$,000.00 33142050	
9. Switchgear and switchboard apparatus	\$,000.00 33531300	
10. Capacitors, resistors, coils, transformers, and other inductors	\$,000.00 33441600	
11. Printed circuit boards (without inserted components) for electronic circuitry	\$,000.00 33441200	
12. Plastics products (including packaging, foam products, film, sheet, rod, tube, fabricated shapes, bottles, etc.) (excluding containers, hoses, belting, and gaskets)	\$,000.00 32610001	
13. Cost of all other materials and components, parts, containers, and supplies consumed Describe	\$,000.00 00970099	
TOTAL	\$,000.00 77100000	



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MC-33532 - Relay and Industrial Control Manufacturing

Item 22: Detail of Sales, Shipments, Receipts, or Revenue

EIN:

Store / Plant:

CFN:

ITEM 22: DETAIL OF SALES, SHIPMENTS, RECEIPTS, OR REVENUE

Of the \$,000.00 of Sales, Shipments, Receipts, or Revenue reported in **Item 5**, what products and services were included? **Select ALL that apply.**

General - Please do not combine product lines. If the information is not directly available from your records, reasonable estimates are acceptable.

The manufactured products and services listed below are generally made in your industry. Select the items that apply to your establishment. If you make products or have revenue from other sources not listed, you will have the opportunity to report them later.

Manufacturing of Products Section - Includes products shipped and services performed

Include:

- Products made elsewhere by others from materials supplied by this establishment.
- Products transferred to other establishments within your company.

Exclude

- Wholesaling products (previously Resales) Products that are bought from other establishments or transferred from other establishments of your company
 and then sold without further manufacture, processing, or assembly by this establishment. If you make products or have revenue from other sources not
 listed, you will have the opportunity to report them later.
- Products made from materials owned by others (i.e. the customer). If you make products or have revenue from other sources not listed, you will have the
 opportunity to report them later.

Wholesaling Products Section – Includes product lines sold by this establishment. These product lines were previously grouped together in one product code - Resales

Include:

- Products that are bought from other establishments or transferred from other establishments of your company and then sold without further manufacture, processing, or assembly by this establishment.
- Imported products, including products made by your foreign affiliates, which are sold without further manufacture, processing, or assembly by this
 establishment.

Exclude

Receipts for construction, delivery, installation, and service contracts from the commodity sales.

Services Section – Report receipts from providing services to customers or other establishments of your company; services include engineering, maintenance, repair, installation, etc.

Description	Select	Product Code
Manufacturing of:		
1. Power circuit breakers, all voltages		2015925000
2. Relays for electronic circuitry, industrial control overload, and switchgear-type		2033950000
a. Industrial control relays (all voltages)		2033950003
b. General-purpose relays, over 100 MV and sealed		2033950006
c. General-purpose relays, over 100 MV and not sealed		2033950009



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d. High performance military, aerospace, aircraft relays and contactors	2033950012
e. Timing relays, timers	2033950015
f. All other general-purpose and special-purpose relays (including parts)	2033950018
3. Specific-purpose industrial controls	2033975000
a. U.S Coast Guard, Navy, and Marine auxiliary controls and accessories	2033975003
b. Crane and hoist controls, constant and adjustable voltage (including operators desks and stations)	2033975006
c. All other specific- or special-purpose industrial controls, controllers and other definite purpose devices	2033975009
4. General-purpose industrial controls	2034000000
a. A.C. full voltage noncombination magnetic starters, 1,000 volts or less	2034000003
b. A.C. full voltage combination magnetic starters, 1,000 volts or less	2034000006
c. Disconnect switches, 600 volts or less	2034000009
d. A.C. full voltage manual controllers, 1,000 volts or less	2034000012
e. A.C. contactors, 1,000 volts or less	2034000015
f. Motor control centers, 1,000 volts or less	2034000018
g. Brakes and clutches for general-purpose industrial controls	2034000021
h. Other general-purpose controls	2034000024
i. Electromechanical positioning sensors for general-purpose industrial controls	2034000027
j. Movement sensors for general-purpose industrial controls	2034000031
k. Nonoptical proximity sensors for general-purpose industrial controls	2034000033
Optical proximity sensors for general-purpose industrial controls	2034000036
m. Pushbuttons, under 30 mm, for general-purpose industrial controls	2034000039
n. Pushbuttons, 30 mm and larger, for general-purpose industrial controls	2034000042
o. Controls for A.C. packaged drives	2034000045



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p. Controls for D.C. packaged drives	2034000048
q. A.C. drives systems for general-purpose industrial controls	2034000051
r. D.C. drives systems for general-purpose industrial controls	2034000054
s. Solid-state motor controllers (all voltages)	2034000057
t. All other general industry devices	2034000061
5. Molded case circuit breakers, 1000 volts or less	2039450000
6. Duct (including plug-in units and accessories), 1000 volts or less	2039475000
7. Parts for industrial controls and motor-control accessories	2043875000
a. Motor control accessories	2043875003
b. Parts for industrial controls	2043875006
8. Parts for switchgear assemblies	2043910000
9. Fuses and fuse equipment less than 2300 volts (excluding power distribution cut-outs)	2045500000
10. Software reproducing	2053625000
11. Other electrical equipment for industrial use (including industrial-use surge suppressors) (excluding for electronic circuitry)	2016025000
12. Other electronic and electrical contract manufacturing services	2053810000
All other sales, shipments, receipts, or revenue from this establishment	
13. Wholesaling services for materials and supplies for electronic and electrical equipment, appliances, and component manufacturing	4004525000
14. Drafting services for electrical and electronic systems and components	7007700000



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MC-33532 - Relay and Industrial Control Manufacturing

Item 22: Detail of Sales, Shipments, Receipts, or Revenue - Continued

EIN:

Store / Plant:

CFN:

ITEM 22: DETAIL OF SALES, SHIPMENTS, RECEIPTS, OR REVENUE

Of the \$,000.00 of Sales, Shipments, Receipts, or Revenue reported in **Item 5**, what was the value for each product or service? **General – Please do not combine product lines.** If the information is not directly available from your records, **reasonable estimates are acceptable**.

If quantities are requested, please use the unit of measure specified.

Below are the products and services you previously selected. If you make products or have revenue from sources not listed, describe and report them in the "All other sales, shipments, receipts, or revenue from this establishment" section at the end of this question.

Manufacturing of Products Section – Report the value of the products shipped and services performed at the net selling value, free on board (FOB) plant to the customer, after discounts and allowances.

Include:

- Products made elsewhere by others from materials supplied by this establishment. Report these products on the specific lines as if they were made in this establishment.
- Products transferred to other establishments within your company. These products should be assigned the full economic value (market value); i.e., include all direct costs of production and a reasonable proportion of all other costs and profits.

Exclude:

- Wholesaling products (previously Resales), which include products that are bought from other establishments or transferred from other establishments of
 your company and then sold without further manufacture, processing, or assembly by this establishment. Report these products in the appropriate
 Wholesaling products line(s) you selected or else describe and report them in the "All other sales, shipments, receipts, or revenue from this establishment"
 section at the end of this question.
- Products made from materials owned by others (i.e. the customer). Report your commission or contract receipts in the appropriate Contract Manufacturing
 products line(s) you selected or else describe and report them in the "All other sales, shipments, receipts, or revenue from this establishment" section at
 the end of this question.
- Freight charged
- Excise taxes

Wholesaling Products Section – Report sales for each product line sold by this establishment. In prior Censuses, these product lines were grouped together in one product code for Resales.

Include:

- Products bought from other establishments or transferred from other establishments of your company and then sold without further manufacture,
 processing, or assembly by this establishment.
- Imported products, including products made by your foreign affiliates, which are sold without further manufacture, processing, or assembly by this
 establishment

Exclude:

Receipts for construction, delivery, installation, and service contracts from the commodity sales. Report these products in the appropriate products line(s)
you selected or else describe and report them in the "All other sales, shipments, receipts, or revenue from this establishment" section at the end of this
question.

Services Section – Report receipts from providing services to customers or other establishments of your company; services include engineering, maintenance, repair, installation, etc.

Description	Value	Product Code
Manufacturing of:		
1. Power circuit breakers, all voltages	\$,000.00	2015925000

 $\textbf{2.} \ \ \text{Relays for electronic circuitry, industrial control overload, and switch gear-type}$



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a. Industrial control relays (all voltages)	\$,000.00	2033950003
b. General-purpose relays, over 100 MV and sealed	\$,000.00	2033950006
c. General-purpose relays, over 100 MV and not sealed	\$,000.00	2033950009
d. High performance military, aerospace, aircraft relays and contactors	\$,000.00	2033950012
e. Timing relays, timers	\$,000.00	2033950015
f. All other general-purpose and special-purpose relays (including parts)	\$,000.00	2033950018
Subtotal	\$,000.00	2033950000
3. Specific-purpose industrial controls		
a. U.S Coast Guard, Navy, and Marine auxiliary controls and accessories	\$,000.00	2033975003
b. Crane and hoist controls, constant and adjustable voltage (including operators desks and stations)	\$,000.00	2033975006
c. All other specific- or special-purpose industrial controls, controllers and other definite purpose devices	\$,000.00	2033975009
Subtotal	\$,000.00	2033975000
. General-purpose industrial controls		
a. A.C. full voltage noncombination magnetic starters, 1,000 volts or less	\$,000.00	2034000003
b. A.C. full voltage combination magnetic starters, 1,000 volts or less	\$,000.00	2034000006
c. Disconnect switches, 600 volts or less	\$,000.00	2034000009
d. A.C. full voltage manual controllers, 1,000 volts or less	\$,000.00	2034000012
e. A.C. contactors, 1,000 volts or less	\$,000.00	2034000015
f. Motor control centers, 1,000 volts or less	\$,000.00	2034000018
g. Brakes and clutches for general-purpose industrial controls	\$,000.00	2034000021
h. Other general-purpose controls	\$,000.00	2034000024
i. Electromechanical positioning sensors for general-purpose industrial controls	\$,000.00	2034000027



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h. Namatini analini ana	\$,000.00	203400003
k. Nonoptical proximity sensors for general-purpose industrial controls	7000.00	203 100003
I. Optical proximity sensors for general-purpose industrial controls	\$,000.00	203400003
m. Pushbuttons, under 30 mm, for general-purpose industrial controls	\$,000.00	203400003
n. Pushbuttons, 30 mm and larger, for general-purpose industrial controls	\$,000.00	203400004
o. Controls for A.C. packaged drives	\$,000.00	203400004
p. Controls for D.C. packaged drives	\$,000.00	203400004
q. A.C. drives systems for general-purpose industrial controls	\$,000.00	203400005
r. D.C. drives systems for general-purpose industrial controls	\$,000.00	203400005
s. Solid-state motor controllers (all voltages)	\$,000.00	203400005
t. All other general industry devices	\$,000.00	203400006
Subtotal	\$,000.00	203400000
Molded case circuit breakers, 1000 volts or less	\$,000.00	203945000
Duct (including plug-in units and accessories), 1000 volts or less	\$,000.00	203947500
Parts for industrial controls and motor-control accessories		
a. Motor control accessories	\$,000.00	204387500
b. Parts for industrial controls	\$,000.00	204387500
Subtotal	\$,000.00	204387500
Parts for switchgear assemblies	\$,000.00	204391000
Fuses and fuse equipment less than 2300 volts (excluding power distribution cut-outs)	\$,000.00	204550000
D. Software reproducing	\$,000.00	205362500
Other electrical equipment for industrial use (including industrial-use surge suppressors) (excluding for electronic circuitry)	\$,000.00	201602500
2. Other electronic and electrical contract manufacturing services	\$,000.00	205381000



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	3. Wholesaling services for materials and supplies for electronic and electrical equipment, appliances, and component manufacturing						
14. Drafting services for elec	ctrical and elect	\$,000.00	7007700000			
15. Other manufacturing rev	enue, not elsev	here classified					
a. Other manufacturing re	venue, not else	where classified - write-in #1					
Describe			\$,000.00	2054100003		
b. Other manufacturing re	venue, not else	where classified - write-in #2					
Describe			\$,000.00	2054100006		
c. Other manufacturing re	evenue, not else	where classified - write-in #3					
Describe			\$,000.00	2054100009		
16. Wholesaling services for	other goods, no	ot elsewhere classified					
a. Wholesaling services fo	r other goods, r	ot elsewhere classified - write-in #1					
Describe			\$,000.00	4005500003		
b. Wholesaling services fo	r other goods, r	ot elsewhere classified - write-in #2					
Describe			\$,000.00	4005500006		
c. Wholesaling services fo	r other goods, r	ot elsewhere classified - write-in #3					
Describe			\$,000.00	4005500009		
17. Other service revenue, r	not elsewhere cl	assified					
a. Other service revenue,	not elsewhere o	classified - write-in #1					
Describe			\$,000.00	7017500003		
b. Other service revenue,	not elsewhere o	classified - write-in #2					
Describe			\$,000.00	7017500006		
c. Other service revenue,	not elsewhere o	classified - write-in #3					
Describe			\$,000.00	7017500009		
18. All other products and se	ervices, not else	where classified					
a. All other products and s	ervices, not else	ewhere classified - write-in #1					
Pick one	•	Describe	\$,000.00	900000003		
b. All other products and s	ervices, not else	ewhere classified - write-in #2					
Pick one	.	Describe	\$,000.00	900000006		
c. All other products and s	ervices, not else	ewhere classified - write-in #3					
Pick one	·	Describe	\$,000.00	900000009		
Add Additional Produ	ucts						



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TOTAL -	Sum of lines	should equal t	total Sales	Shipments	Receipts or	Revenue re	ported in Item !	5
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Item 27: Manufacturing Activities - Manufacturing at This Location
EIN: Store / Plant: CFN:
ITEM 27: MANUFACTURING ACTIVITIES - MANUFACTURING AT THIS LOCATION
ITEM 27: MANUFACTURING ACTIVITIES - MANUFACTURING AT THIS LOCATION In 2017, did this establishment manufacture any products or produce any goods at this location?
In 2017, did this establishment manufacture any products or produce any goods at this location?



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Item 27: Manufacturing Activities - Manufacturing by Other Company Locations Inside the U.S.
EIN: Store / Plant: CFN:
ITEM 27: MANUFACTURING ACTIVITIES - MANUFACTURING BY OTHER COMPANY LOCATIONS INSIDE THE U.S.
In 2017, did this establishment have any manufacturing done on its behalf by any other locations of your company inside the U.S.?
○ Yes
○ No



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Item 27: Manufacturing Activities - Manufacturing by Unaffiliated Companies Inside the U.S.
EIN: Store / Plant: CFN:
ITEM 27: MANUFACTURING ACTIVITIES - MANUFACTURING BY UNAFFILIATED COMPANIES INSIDE THE U.S.
In 2017, did this establishment have any manufacturing done on its behalf by any unaffiliated companies inside the U.S. ?
○ Yes
○ No



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Item 27: Manufacturing Activities - Manufacturing Done Outside the U.S.
EIN: Store / Plant: CFN:
ITEM 27: MANUFACTURING ACTIVITIES - MANUFACTURING DONE OUTSIDE THE U.S.
In 2017, did this establishment have any manufacturing done on its behalf outside the U.S. ?
Include manufacturing done outside the U.S. by both affiliated and unaffiliated companies.
○ Yes
○ No



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Item 27: Manufacturing Activities - Design or Specification for Products Manufactured on Its Behalf
EIN: Store / Plant: CFN:
ITEM 27: MANUFACTURING ACTIVITIES - DESIGN OR SPECIFICATION FOR PRODUCTS MANUFACTURED ON ITS BEHALF
In 2017, did this establishment determine the design or specifications for any of the products that were manufactured on its behalf?
"Design or specifications" refers to the function of the product, not just the appearance or its packaging.
○ Yes
○ No



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Item 27: Manufacturing Activities - U.S. Company as a Whole - Manufacturing Done Outside the U.S.
EIN: Store / Plant: CFN:
ITEM 27: MANUFACTURING ACTIVITIES - U.S. COMPANY AS A WHOLE - MANUFACTURING DONE OUTSIDE THE U.S.
In 2017, was your U.S. company as a whole responsible for the design of any products that were manufactured outside the U.S. ?
○ Yes
○ Yes ○ No



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