



CENTRALBIDDING
FROM CENTRAL AUCTION HOUSE

**5000131875 PURCHASE OF MISCELLANEOUS ELECTRICAL ITEMS FOR
THE PUBLIC WORKS DEPARTMENT OF SEWERAGE, EASTBANK
WAREHOUSE**

Jefferson Parish Government

Project documents obtained from www.CentralBidding.com

06-Aug-2020 10:24:46 AM



BID 50-131875
PURCHASE OF MISCELLANEOUS ELECTRICAL ITEMS FOR
THE PUBLIC WORKS DEPARTMENT OF SEWERAGE,
EASTBANK WAREHOUSE

August 14, 2020 @ 11:00 A.M.

ATTENTION VENDORS!!!

Please review all pages and respond accordingly, complying with all provisions in the technical specifications and Jefferson Parish Instructions for Bidders and General Terms and Conditions. All bids must be received in the Purchasing Department by the bid due date and time.

Jefferson Parish Purchasing Department

200 Derbigny Street, Suite 4400

Gretna, LA 70053

Please Email Questions To:

Mark Buttery

MButtery@jeffparish.net

504-364-2810

DATE: 8/04/2020

INVITATION TO BID
THIS IS NOT AN ORDER

Page: 1

BID NO.: 50-00131875

JEFFERSON PARISH
PURCHASING DEPARTMENT
P.O. BOX 9
GRETN, LA. 70054-0009
504-364-2678

VENDOR:

BUYER: MBUTTERY@jeffparish.net

Bids will be received until 11:00 AM, 8/14/2020 via online at www.jeffparishbids.net or by hand delivery, USPS mail or other courier service to Purchasing Department, 200 Derbigny Street (General Government Building), Suite 4400, Gretna, LA 70053. For convenience, bidders may also submit bids in the East Bank Purchasing Department, Suite 404, Jefferson Parish Joseph S. Yenni Building, 1221 Elmwood Park Blvd., Jefferson LA 70123. However, if submitting bids on the day of bid opening, bidders must submit at the West Bank location only.

All bids submitted are subject to these instructions and general conditions and any special conditions and specifications contained herein, all of which are made part of this bid proposal reference. By submitting a bid, vendor agrees to comply with all provisions of Louisiana Law, as well be in compliance with the Jefferson Parish Code of Ordinances, Louisiana Code of Ethics, applicable Jefferson Parish ethical standards and Jefferson Parish Resolution No. 113646 and/or Resolution No. 113647. A copy of these resolutions may be obtained from the Office of the Parish Clerk, Suite 6700, Jefferson Parish General Government Building, 200 Derbigny Street, Gretna, LA 70053. You may also obtain a copy by visiting the Purchasing Department webpage at purchasing.jeffparish.net and clicking on On-line forms.

All vendors submitting bids should register as a Jefferson Parish vendor if not already yet registered. Registration forms may be downloaded from <http://purchasing.jeffparish.net> and by clicking on Vendor Information. Current W-9 forms with respective Tax Identification numbers and vendor applications may be submitted at any time; however, if your company is not registered and/or a current W-9 form is not on file, vendor registration is mandatory. Vendors may experience a delay in payment if your company is not a registered vendor with Jefferson Parish.

As per LSA-RS 47:301 et seq., all governmental bodies are excluded from payment of sales taxes to any Louisiana taxing body. Quotations shall be based on F.O.B. Delivered, anywhere within the Parish as designated by the Purchasing Department. **JEFFERSON PARISH WILL ACCEPT ONE BID ONLY FROM EACH VENDOR.** Items bid must meet specifications. JEFFERSON PARISH will accept one price for each item unless otherwise indicated. Two or more prices for one item will result in bid rejection. Bidders are required to complete, sign and return the bid form and/or complete and return the associated line item pricing forms as indicated. The price quoted for work shall be stated in figures. In the event there is a difference in unit prices and totals, the unit prices shall prevail.

JEFFERSON PARISH reserves the right to award contracts or place orders on a lump sum or individual item basis, or such combination, as shall in its judgment be in the best interest of JEFFERSON PARISH. Every contract or order shall be awarded to the **LOWEST RESPONSIVE AND RESPONSIBLE BIDDER**, taking into consideration the CONFORMITY WITH THE SPECIFICATIONS and the DELIVERY AND/OR COMPLETION DATE

PROTESTS: Only those vendors that submit bids in response to this solicitation may protest any element of the procurement, in writing to the Director of the Purchasing Department. Written protest must be received within 48 hours of the release of the bid tabulation by the Purchasing Department. After consultation, the Parish Attorney's Office will then respond to protests in writing. (For more information, please see Chapter 2, Article VII, Division 2, Sec. 2-914.1 of the Jefferson Parish Code of Ordinances.)

JEFFERSON PARISH reserves the right to cancel all or any part of an order if not shipped promptly. No charges will be allowed for parking or cartage unless specified in the quotation. The order must not be filled at a higher price than quoted. JEFFERSON PARISH reserves the right to cancel at any time and for any reason by issuing a THIRTY (30) day written notice to the contractor.

JEFFERSON PARISH requires all products to be new (current) and all work must be performed according to standard practices for the project. Unless otherwise specified, no aftermarket parts will be accepted. Unless otherwise specified, all workmanship and materials must have at least one (1) year guaranty, in writing, from the date of delivery and/or acceptance of the project. Any deviations or alteration from the specifications must be indicated on the bid form for each item and upon request, product data for same must be submitted by the time specified by the Purchasing Department.

If this bid requires a pre-bid conference (see Additional Requirements section), bidders are advised that such conference will be held to allow bidders the opportunity to identify any discrepancies in the bid specifications and seek further clarification regarding instructions. The Purchasing Department will issue a written response to bidders' questions in the form of an Addendum.

All formal Addenda require written acknowledgment on the bid form by the bidder. Failure to acknowledge an Addendum on the bid form shall cause the bid to be rejected; JEFFERSON PARISH reserves the right to award bid to next lowest responsive and responsible bidder in this event.

USE OF BRAND NAMES AND STOCK NUMBERS: Where brand names and stock numbers are specified, it is for the purpose of establishing certain minimum standards of quality. Bids may be submitted for products of equal quality, provided brand names and stock numbers are specified. Complete product data may be required prior to award.

Quantities listed are for bidding purposes only. Actual requirements may be more or less than quantities listed.

Bidders are not to exclude from participation in, deny the benefits of, or subject to discrimination under any program or activity, any person in the United States on the grounds of race, color, national origin, or sex; nor discriminate on the basis of age under the Age Discrimination Act of 1975, or with respect to an otherwise qualified handicapped individual as provided in Section 504 of the Rehabilitation Act of 1973, or on the basis of religion, except that any exemption from such prohibition against discrimination on the basis of religion as provided in the Civil Rights Act of 1964, or Title VI and VII of the Act of April 11, 1968, shall also apply. This assurance includes compliance with the administrative requirements of the Revenue Sharing final handicapped discrimination provisions contained in Section 51.55 (c), (d), (e), and (k)(5) of the Regulations. New construction or renovation projects must comply with Section 504 of the 1973 Rehabilitation Act, as amended, in accordance with the American National Standard Institute's specifications (ANSI A1 17.1-1961).

Jefferson Parish and its partners as the recipients of federal funds are fully committed to awarding a contract(s) to firm(s) that will provide high quality services and that are dedicated to diversity and to containing costs. Thus, Jefferson Parish strongly encourages the involvement of minority and/or woman-owned business enterprises (DBE's, including MBE's, WBE's and SBE's) to stimulate participation in procurement and assistance programs.

INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS**IN ACCORDANCE WITH STATE REGULATIONS JEFFERSON PARISH OFFERS ELECTRONIC PROCUREMENT TO ALL VENDORS**

This electronic procurement system allows vendors the convenience of reviewing and submitting bids online.

This is a secure site and authorized personnel have limited read access only. Bidders are encouraged to submit electronically using this free service; while the website accepts various file types, one single PDF file containing all appropriate and required bid documents is preferred. Bidders submitting uploaded images of bid responses are solely responsible for clarity. If uploaded images/documents are not legible, then bidder's submission will be rejected. Please note all requirements contained in this bid package for electronic bid submission.

Please visit our E-Procurement Page at www.jeffparishbids.net to register and view Jefferson Parish solicitations. For more information, please visit the Purchasing Department page at <http://purchasing.jeffparish.net>.

ADDITIONAL REQUIREMENTS FOR THIS BID

PLEASE MATCH THE NUMBERS PRINTED IN THIS BOX WITH THE
CORRESPONDING INSTRUCTIONS BELOW.

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1. All bidders must attend the MANDATORY pre-bid conference and will be required to sign in and out as evidence of attendance. In accordance with LSA R.S. 38:2212(I), all prospective bidders shall be present at the beginning of the MANDATORY pre-bid conference and shall remain in attendance for the duration of the conference. Any prospective bidder who fails to attend the conference or remain for the duration shall be prohibited from submitting a bid for the project.
2. Attendance to this pre-bid conference is optional. However, failure to attend the pre-bid conference shall not relieve the bidder of responsibility for information discussed at the conference. Furthermore, failure to attend the pre-bid conference and inspection does not relieve the successful bidder from the necessity of furnishing materials or performing any work that may be required to complete the work in accordance with the specification with no additional cost to the owner.
3. Contractor must hold current applicable JEFFERSON PARISH licenses with the Department of Inspection and Code Enforcement. Contractor shall obtain any and all permits required by the JEFFERSON PARISH Department of Inspection and Code Enforcement. The contractor shall be responsible for the payment of these permits. All permits must be obtained prior to the start of the project. Contractor must also hold any and all applicable Federal and State licenses. Contractor shall be responsible for the payment of these permits and shall obtain them prior to the start of the project.
4. A LA State Contractor's License will be required in accordance with LSA R.S. 37-2150 et. seq. and such license number will be shown on the outside of the bid envelope. Failure to comply will cause the bid to be rejected. Additionally if submitting the bid electronically, then the license number must be entered in the appropriate field in the Electronic Procurement system. Failure to comply will cause the bid to be rejected.
5. It is the bidder's responsibility to visit the job site and evaluate the job before submitting a bid.
6. Job site must be clean and free of all litter and debris daily and upon completion of the contract. Passageways must be kept clean and free of material, equipment, and debris at all times. Flammable material must be removed from the job site daily because storage will not be permitted on the premises. Precautions must be exercised at all times to safeguard the welfare of JEFFERSON PARISH and the general public.

INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS

7. **PUBLIC WORKS BIDS:** All awards for public works in excess of \$5,000.00 will be reduced to a formal contract which shall be recorded at the contractor's expense with the Clerk of Court and Ex-Officio Recorder of Mortgages for the Parish of Jefferson. A price list of recordation costs may be obtained from the Clerk of Court and Ex-Officio Recorder of Mortgages for the Parish of Jefferson. All awards in excess of \$25,000.00 will require both a performance and a payment bond. Unless otherwise stated in the bid specifications, the performance bond requirements shall be 100% of the contract price. Unless otherwise state in the bid specifications, the payment bond requirements shall be 100% of the contract price. Both bonds shall be supplied at the signing of the contract.
8. **NON-PUBLIC WORKS BIDS:** A performance bond will be required for this bid. The amount of the bond will be 100% of the contract price unless otherwise indicated in the specifications. The performance bond shall be supplied at the signing of the contract.
9. **NON-PUBLIC WORKS BIDS:** A payment bond will be required for this bid. The amount of the bond will be 100% of the contract price unless otherwise indicated in the specifications. The payment bond shall be supplied at the signing of the contract.
10. All bidders must comply with the requirements stated in the attached "Standard Insurance Requirements" sheet attached to this bid solicitation. Failure to comply with this instruction will result in bid rejection.
11. A bid bond will be required with bid submission in the amount of 5% of the total bid, unless otherwise stated in the bid specifications. Acceptable forms shall be limited to cashier's check, certified check, or surety bid bond. All sureties must be in original format (no copies). If submitting a bid online, vendors must submit an electronic bid bond through the respective online clearinghouse bond management system(s) as indicated in the electronic bid solicitation on Central Auction House. No scanned paper copies of any bid bond will be accepted as part of the electronic bid submission.
12. This is a requirements contract to be provided on an as needed basis. JEFFERSON PARISH makes no representations on warranties with regard to minimum guaranteed quantities unless otherwise stated in the bid specifications.
13. Freight charges should be included in total cost when quoting. If not quoted FOB DELIVERED, freight must be quoted as a separate item. Bid may be rejected if not quoted FOB DELIVERED or if freight charges are not indicated on bid form.
14. **PUBLIC WORKS BIDS - Completed, Signed and Properly Notarized Affidavits Required;** This applies to all solicitations for construction, alteration or demolition of public buildings or projects, in conformity with the provisions contained in LSA-RS 38:2212.9, LSA-RS 38:2212.10, LSA-RS 38:2224, and Sec 2-923.1 of the Jefferson Parish Code of Ordinances. For bidding purposes, all bidders must submit with bid submission COMPLETED, SIGNED and PROPERLY NOTARIZED Affidavits, including: Non-Conviction Affidavit, Non-Collusion Affidavit, Campaign Contribution Affidavit, Debt Disclosures Affidavit and E-Verify Affidavit. For the convenience of vendors, all affidavits have been combined into one form entitled PUBLIC WORKS BID AFFIDAVIT. This affidavit must be submitted in its original format, and without material alteration, in order to be compliant and for the bid to be considered responsive. A scanned copy of the completed, signed and properly notarized affidavit may be submitted with the bid, however, the successful bidder must submit the original affidavit in its original format and without material alteration upon contract execution. Failure to comply will result in the bid submission being rejected as non-responsive. The Parish reserves the right to award bid to the next lowest responsive and responsible bidder in this event.
15. **NON PUBLIC WORK BIDS - Completed, Signed and Properly Notarized Affidavits Required** in conformity with the provisions contained in LSA – RS 38:2224 and Sec 2-923.1 of the Jefferson Parish Code of Ordinances. For bidding purposes, all bidders must submit with bid submission COMPLETED, SIGNED and PROPERLY NOTARIZED Affidavits, including: Non-Collusion Affidavit, Debt Disclosures Affidavit and Campaign Contribution Affidavit. For the convenience of vendors, all affidavits have been combined into one form entitled NON PUBLIC WORKS BID AFFIDAVIT. This affidavit must be submitted in its original format, and without material alteration, in order to be compliant and for the bid to be considered responsive. A scanned copy of the completed, signed and properly notarized affidavit may be submitted with the bid, however, the successful bidder must submit the original affidavit in its original format and without material alteration upon contract execution. Failure to comply will result in the bid submission being rejected as non-responsive. The Parish reserves the right to award bid to the next lowest responsive and responsible bidder in this event.
16. The ensuing contract for this bid solicitation may be eligible for FEMA reimbursement and/or Federal funding/reimbursement. As such, the referenced appendix will be applicable accordingly and shall be considered a part of the bid documents. All applicable certifications must be duly completed, signed and submitted with bid submission. Failure to submit applicable certifications with bid submission will result in bid rejection.

It shall be the duty of every parish officer, employee, department, agency, special district, board, and commission: and the duty of every contractor, subcontractor, and licensee of the parish, and the duty of every applicant for certification of eligibility for a parish contract or program, to cooperate with the Inspector General in any investigation, audit, inspection, performance review, or hearing pursuant to JPCO 2-155.10(19). By signing this document, every corporation, partnership, or person contracting with PARISH, whether by cooperative endeavor, intergovernmental agreement, bid, proposal, application or solicitation for a parish contract, and every application for certification of eligibility for a parish contract or program, attests that it understands and will abide by all provisions of JPCO 2-155.10.

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00131875

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
1	40.00	EA	PURCHASE OF MISCELLANEOUS ELECTRICAL ITEMS FOR THE PUBLIC WORKS DEPARTMENT OF SEWERAGE EASTBANK WAREHOUSE 0001 - Switch, selector, maintained 3 position, hank/off/auto, 120 VOLT, with contact block included, Idec no. ASD32ONU (0871340)	\$ 25 ⁴⁸	\$ 1,027 ²⁰
2	1.00	EA	0002 - Box gen rain 200A 240V 4P 3F ITE no. NR424 (0874080) GE TG4324	\$ 344 ⁴⁷	\$ 344 ⁴⁷
3	24.00	EA	0003 - Hanger, standard, for 1 inch EMT conduit, with stove bolts, Appleton catalog no. H100-SWB (0878660)	.77	\$ 18 ⁴⁸
4	25.00	EA	0004 - Connector, female plug, 2 pole 3 wire, ground, 20 amp, 125 volt, Daniel Woodhead no. 1533 (0881030)	\$ 17 ⁵⁰	\$ 437 ⁵⁰
5	2,000.00	LF	0005 - Wire, electrical, no. 16 solid TFN, blue insulation, 500 ft spool, copper (0882710)	.059	\$ 100 ⁻
6	10.00	EA	0006 - Blower, shaded pole, 1/12 HP, 115 volt, 1650 RPM, auto thermal protection, 6-3/16 inch wheel diameter, 485 CFM, Grainger no. 1TDR7 (0891720)	182 ⁸³	\$ 1828 ³⁰
7	8.00	EA	0007 - Connector, cable 1 3/8 inch for 1 1/4 inch KO cast zinc, two steel screws, Grainger no. 16D441 (087796D) Arlington # 844	158	12 ⁶⁴
8	50.00	EA	0008 - Fixture, led, wall pack, classic medium, outdoor general purpose, 50W, 120-277V, 5848 lumens, recommended mounting height 10 to 15 feet, Morris products catalog no. 71437 (0881210) Westgate WML-HL-50W-50K	\$ 65 ⁹³	3296 ⁵⁰

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00131875

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
9	8.00	EA	0009 - Contact, parts type A, size 1, 3 or 4 pole, Westinghouse no. Westinghouse no. 373B331G09 or Hoyt brand (0853030)	\$51 ⁷⁶	414 ⁰⁸
10	10.00	EA	0010 - Non reversing contactor, size 3, 3 pole, 120 volt, enclosure: open, new in factory box equals must be same dimensions, Westinghouse no. A201K3CA, model J (0861580)	\$588 ⁰⁰	5,880 ⁰⁰
11	4.00	EA	0011 - Switch, toggle 20 amp, 120 volt, 3-way, G.E. no. GE5953-2G (0873530)	3 ²⁸	\$13 ¹²
12	10.00	EA	Leviton CS320-2I 0012 - Cover, square 4 in flat, 1/2 in knockout, Appleton no. 8474 (0881390)	45	\$450
13	15.00	EA	0013 - Fuse, one time, 30 amp, 250 volt, Buss catalog no. NON-30 (0855880)	\$153	\$2295
14	24.00	EA	0014 - Timer, 1 second to 10 minute range, 120 VAC, Idec no. RTE-P1AF20 (0862020)	\$3925	942-
15	100.00	EA	0015 - Fork, Sta-Kon, 12-10 wire range, no. 6 hole, insulated, Thomas and Betts no. 10RC6F (0870450)	72	\$7200
16	10.00	EA	0016 - Nipple, conduit, aluminum, 1/2 in x 3 in (0881540)	\$730	\$73-
17	100.00	EA	0018 - Resin, electrical insulating, size B, two part, 3M brand Scotchcast 4N-B (0885510)	\$2199	\$2199-
18	2.00	EA	0019 - Breaker, circuit, 100 amperes, 240 volt, 3 pole, with lugs, new,	\$78 ⁸²	\$157.64

DATE: 8/04/2020

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INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00131875

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
19	2.00	EA	Westinghouse no. QC-3100H (0841500)	\$94 ¹⁷	188 ³⁴
			0020 - Breaker, circuit, 15 amperes, 480 volt, 2 pole, with lugs, new in factory box, Westinghouse no. GHC2015 (0841560)	\$742 ⁻	\$8904 ⁻
20	12.00	EA	0021 - Controller, pump, Mercoid/Dwyer Brand part no. MPC, USABLUEBOOK stock no. MD-62440 (0861770)	\$18 ³⁴	\$36 ⁴⁸
21	2.00	EA	0022 - Fitting, conduit, 1 inch, type T, FM7 grayloy-iron body with wedge-lok clip cover and gasket, Appleton no. T37 (0876280)		

DATE: 8/04/2020

INVITATION TO BID
THIS IS NOT AN ORDER

Page: 4

BID NO.: 50-00131875

JEFFERSON PARISH

PURCHASING DEPARTMENT
P.O. BOX 9
GRETNA, LA. 70054-0009
504-364-2678

VENDOR:

BUYER: MBUTTERY

As per LSA-RS 47:301 et seq., all governmental bodies are excluded from payment of sales taxes to any Louisiana taxing body. Quotations shall be based on F.O.B. Agency warehouse or jobsite, anywhere within the Parish as designated by the Purchasing Department.

JEFFERSON PARISH reserves the right to cancel all or any part of an order if not shipped promptly. No charges will be allowed for parking or cartage unless specified in quotation. The order must not be filled at a higher price than quoted. JEFFERSON PARISH reserves the right to cancel at any time and for any reason by issuing a THIRTY (30) day written notice to the contractor.

JEFFERSON PARISH is expecting all products to be new and all work to be done in workman-like manner, according to standard practices. Any deviations or alteration from the specifications must be indicated on the bid form for each item and upon request, product data for same must be submitted by the time specified by the Purchasing Department.

DELIVERY: FOB JEFFERSON PARISH

INDICATE DELIVERY DATE ON EQUIPMENT AND SUPPLIES _____

INDICATE STARTING TIME (IN DAYS) FOR CONSTRUCTION WORK _____

INDICATE COMPLETION TIME (IN DAYS) FOR CONSTRUCTION WORK _____

In the event that addenda are issued with this bid, bidders MUST acknowledge all addenda on the bid form. Bidder must acknowledge receipt of an addendum on the bid form as indicated. Failure to acknowledge any addendum on the bid form will result in bid rejection.

Acknowledge Receipt of Addenda: NUMBER: _____

NUMBER: _____

NUMBER: _____

NUMBER: _____

LOUISIANA CONTRACTOR'S LICENSE NO.: (if applicable) _____

*** ALL BIDDERS MUST COMPLETE SECTION BELOW ***

FIRM NAME:

SIGNATURE:

(Must be signed here)

TITLE:

PRINT OR TYPE NAME:

ADDRESS:

CITY, STATE:

ZIP:

TELEPHONE:

FAX:

EMAIL ADDRESS:

TOTAL PRICE OF ALL BID ITEMS: \$ 25,972.40



Item 2.

Account Details

Account No. 1143G35_USS1_10_10
Account Name THE REYNOLDS COMPANY
Address THE REYNOLDS COMPANY, 700
ELMWOOD PARK BOULEVARD,
SUITE A, HARRAHAN, Louisiana,
70123, United States
Sales Org. ABB IS United States
Sales Channel Distribution
Currency USD
As on Date 08-06-2020

Safety Switches | Catalog No. TG4324

Product Details



UPC: 783164008708

Details: Designed for residential and light commercial applications where duty is not severe. Listed to UL standard 98 enclosed and dead front switches. Suitable for use as service equipment when installed in accordance with the National Electrical Code. Certified to CSA standard 22.2 no. 4-04 enclosed and dead front switches. Meets or exceeds NEMA KS1 standard for enclosed switches, type GD. Fusible and non-fusible switches available (consult BuyLog for interrupt ratings). Quick-make, quick-break mechanism (30-200 amp). 60/75 C conductor rating. TG438708

Product Details

Details

Catalog No.	TG4324
Description	200A 3P GD N1 240V SW
Std. Package Weight	31.874 LB
Product Family	SAA
Restock Fee	0%Returnable
Customer Reference No.	
Minimum Order Qty.	1

UPC	783164008708
GSA Compliance	Yes
Discount Schedule	SA
CCC	
Currency	USD
Notes	
Package Qty.	1
Country of Origin	United States

Specifications

General Characteristics

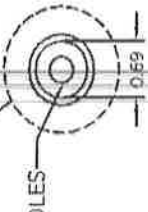
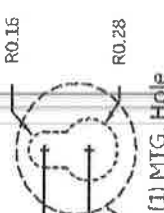
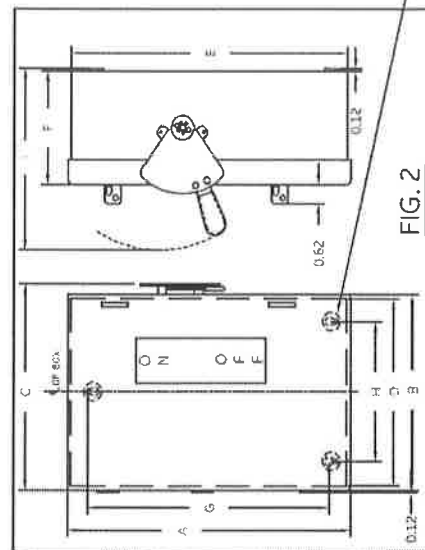
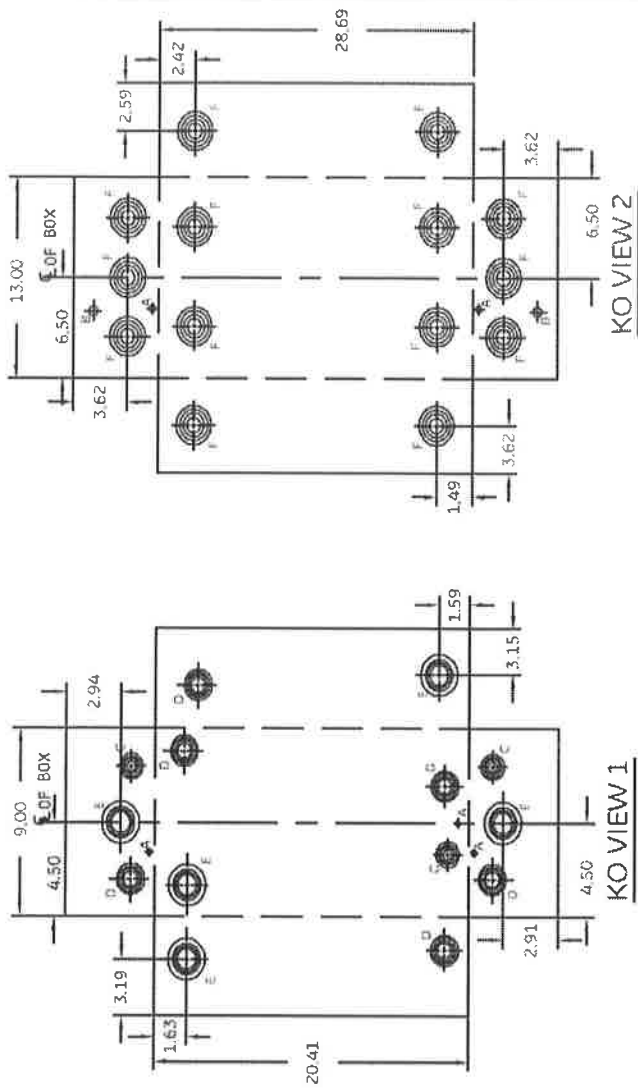
Category	General Duty
Amperage	200 A
Poles	3
Wires	4
Fusing	Fusible
Enclosure	NEMA 1 (Indoor)
Wire Range (Cu/Al)	2-250
240 Vac, NEC Std, 1-ph	15
240 Vac, NEC Std, 3-ph	25
240 Vac, Time Delay, 1-ph	15
240 Vac, Time Delay, 3-ph	50
GSA Compliance	Yes

Dimensions and Classifications

CSA Certified	Yes
Height	29.1
Depth	5.2
Width	13.4
Weight	32

Publications

Title	Type of Doc.	Date	Publication No.	Publication Type
General Duty Safety Switches: 30-600 Amp, 240 Vac 1 page. For residential and light commercial applications.	PDF (168.0 kb)	07/23/2012	DEE-576	Brochures
200A - Safety Switches 1 page outline drawing in .pdf format.	PDF (182.7 kb)	01/02/2020	10103091-SH108	Drawings-Outline and Dimensional



NOTE:
1. ALL DIMENSIONS ARE IN INCHES.
2. ALL DIMENSIONS HAVE ± 0.125 TOLERANCE.

Industrial Solutions

by ABB

OUTLINE DRAWING-GENERAL DUTY SAFETY SWITCH
100&200A, NEMA - TYPE 1 ENCLOSURE

DIMENSION TABLE		KNOCKOUT TABLE									
		SYM	SIZE		QTY						
GCAT NO.	FIG. VIEW	KO VIEW	A	B	C	D	E	F	G	H	I
TG3223/ TGN3323/ TG4323	1	1	21.33	9.39	10.55	9.11	21.05	4.90	19.56	7.51	9.90
TG3224/ TGN3324/ TG4324	2	2	29.11	13.42	14.58	13.11	28.80	5.20	25.85	11.00	9.28

THIRD ANGLE	SHEET#	DWG NO.	DATE	REV
1 of 1		10103091SH108	08/19	04

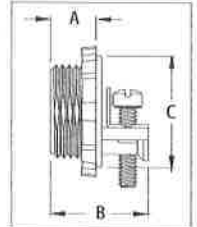
Cable Connectors

For NM • SEU cable. Zinc die-cast.



CATALOG NUMBER	UPC/DCI/NAED MFG #018997	TRADE SIZE	KO SIZE	UNIT PKG	STD PKG	DIM A	DIM B	DIM C	MAX OPENING
842	00842	3/4	3/4	50	500	.481	1.000	1.375	.730
843	00843	1	1	25	250	.780	1.284	1.670	.850
844	00844	1-1/4	1-1/4	10	100	.710	1.312	2.030	.900
848*	00848	1-1/2	1-1/2	10	50	.817	1.453	2.300	.960
849*	00849	2	2	10	50	.823	1.590	2.900	.960

*UL# E66990 - Service entrance ONLY.



Item 17

WESTGATE

THE FUTURE IS HERE... AND IT'S QUITE BRIGHT!

THUNDER SERIES

Item 8

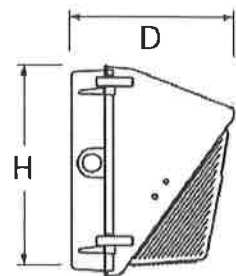
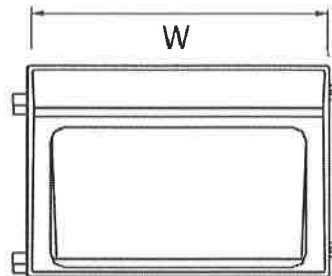
JOB NAME: _____

DATE: _____

TYPE: _____

DIMENSIONS:

15.06"(W) x 9.29"(H) x 7.46"(D)



WML-HL-50W-50K WML-HL-50W-40K WML-HL-50W-30K

LED NON-CUTOFF WALL PACK

Ideal for general site lighting, alleys, loading docks, doorway, pathway and parking areas. Provides crisp, directional light.

ELECTRICAL SPECIFICATIONS:

- Input Wattage: 50W
- Input Voltage: 120-277VAC 50/60Hz
- Input current: 0.52A
- Power factor: >0.9
- Efficacy: 142LM/W

HOUSING SPECIFICATIONS:

- Die-cast aluminum with powder coat finish (Dark Bronze)
- Same footprint as traditional HID wall packs
- Four 1/2" hubs: 1 top, 1 on each side, 1 rear
- Mounting: Wall Mounting
- Operating temperature: -4°F ~ 104°F
- Lifespan: 70000 Hrs.
- IP rating: IP64, Wet Locations

CERTIFICATIONS: UL, DLC



LIGHTING SPECIFICATIONS:

- Dimming: No
- Lens: Prismatic borosilicate glass lens
- Chip: LUMILEDS LED
- Total lumens: 7040LM/7070LM/7100LM
- Color temperature: 3000K/4000K/5000K
- Color rendering index: >80

WARRANTY: 7 years

MODEL	WATTS	VOLTAGE	LUMENS	COLOR TEMP
WML-HL-50W-50K	50W	120~277V AC	7100LM	5000K
WML-HL-50W-40K	50W	120~277V AC	7070LM	4000K
WML-HL-50W-30K	50W	120~277V AC	7040LM	3000K



WESTGATE

THE FUTURE IS HERE...AND IT'S QUITE BRIGHT!

THUNDER*SERIES*

JOB NAME: _____

DATE: _____

TYPE: _____

WML-HL-50W-50K

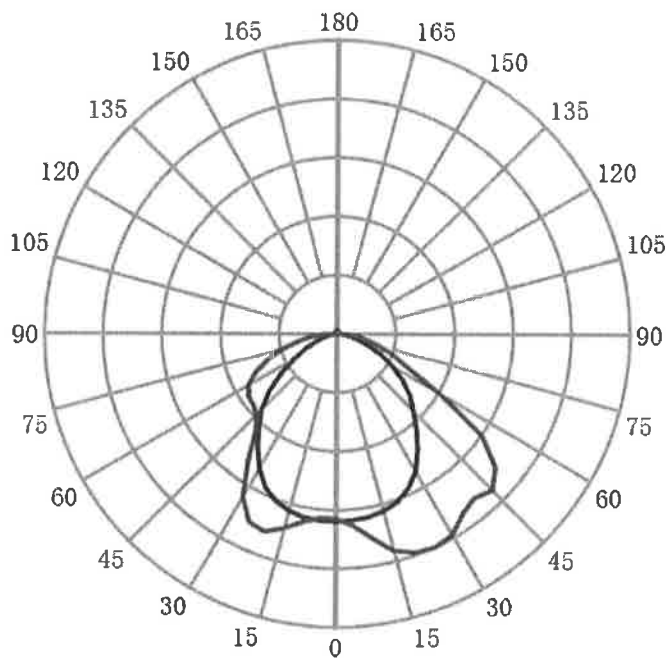
WML-HL-50W-40K

WML-HL-50W-30K

LED NON-CUTOFF WALL PACK

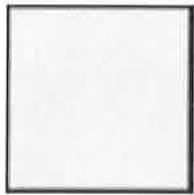
PHOTOMETRIC:

MODEL	WATTS	VOLTAGE	LUMENS	COLOR TEMP
WML-HL-50W-50K	50W	120~277V AC	7100LM	5000K
WML-HL-50W-40K	50W	120~277V AC	7070LM	4000K
WML-HL-50W-30K	50W	120~277V AC	7040LM	3000K





Color: Ivory



CS320-2I

Description

20 Amp, 120/277 Volt, Toggle 3-Way AC Quiet Switch, Commercial Grade, Grounding, Side Wired, - Ivory

Product Features

Grounding: Grounding

Amperage: 20 Amp

Voltage: 120/277 Volt

HP Rating: 1HP-120V 2HP-240V-277V

Max. Amperage: 16 Amp

Termination: Side

Actuator Material: Thermoplastic

Body Material: Thermoplastic

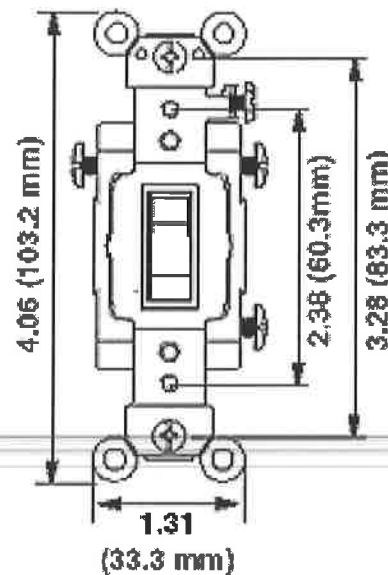
Strap Material: Steel

Color: Ivory

Standards and Certifications: UL/CSA

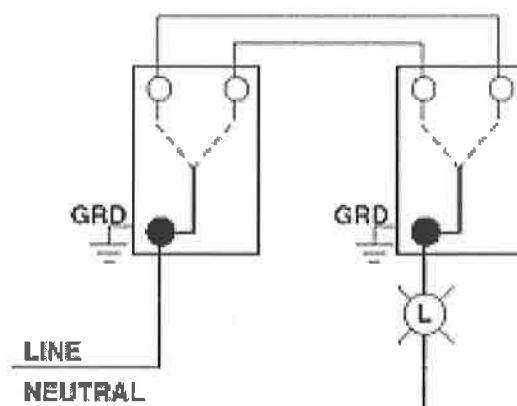
Warranty: 10 Year Limited

Dimensional Diagram



Wiring Diagram

3-Way to 3-Way



SPECIFICATION SUBMITTAL

JOB NAME:	CATALOG NUMBERS:		
JOB NUMBER:			

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