

Product data sheet

Specifications



Meter mains, QO, CSED, ringed socket, 400A, surface mount, Class 320 manual bypass

CUM400CB

Product availability: Stock - Normally stocked in distribution facility

Main

Product or Component Type	Meter Mains
Range of Product	QO

Complementary

Line Rated Current	400 A
Short-circuit current	25 kA
Network number of phases	1
Meter socket type	Ringed
Mounting	Surface Semi flush with field installed flange kit
Number of spaces	0
Number of circuits	0
Number of Tandem Breakers	0
Hub type	A-L
Electrical connection	Lugs, service ground Studs, line side
Wire Size	4 AWG...250 kcmil aluminium)service ground 4 AWG...250 kcmil copper)service ground
Disconnect	Service disconnect (factory installed)
Main Breaker Rating	400 A
Branch Breaker Rating	200 A
Service feed location	UG
Bypass type	Manual bypass Class 320
Height	43.00 in (1092.20 mm)
Width	28.25 in (717.55 mm)
Depth	7.87 in (199.90 mm)

Environment

Product certifications	UL E-6294
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Ordering and shipping details

Category	US1DE3A00148
Discount Schedule	DE3A

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

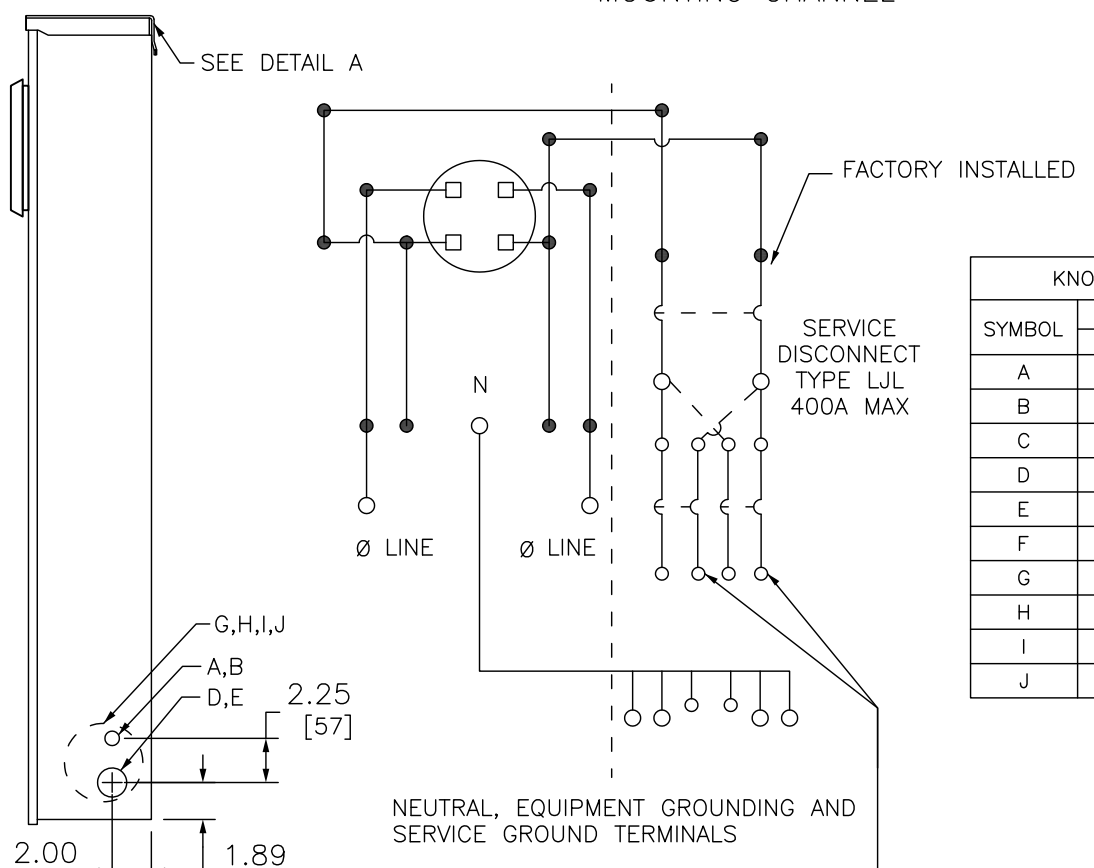
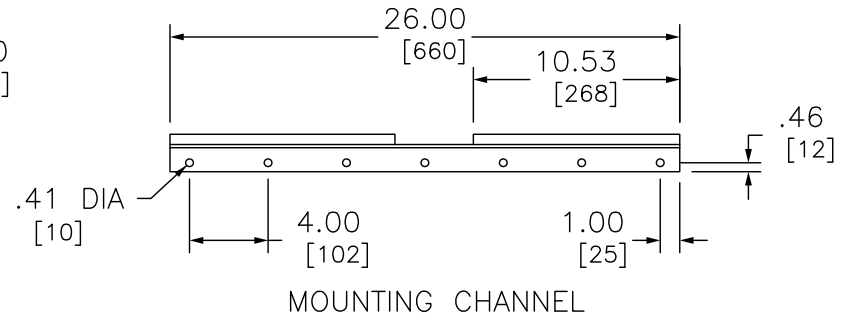
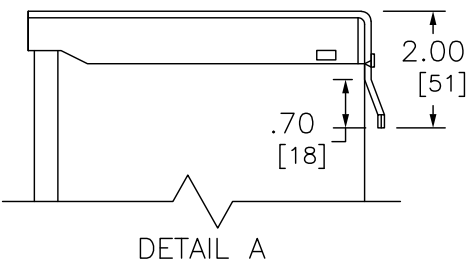
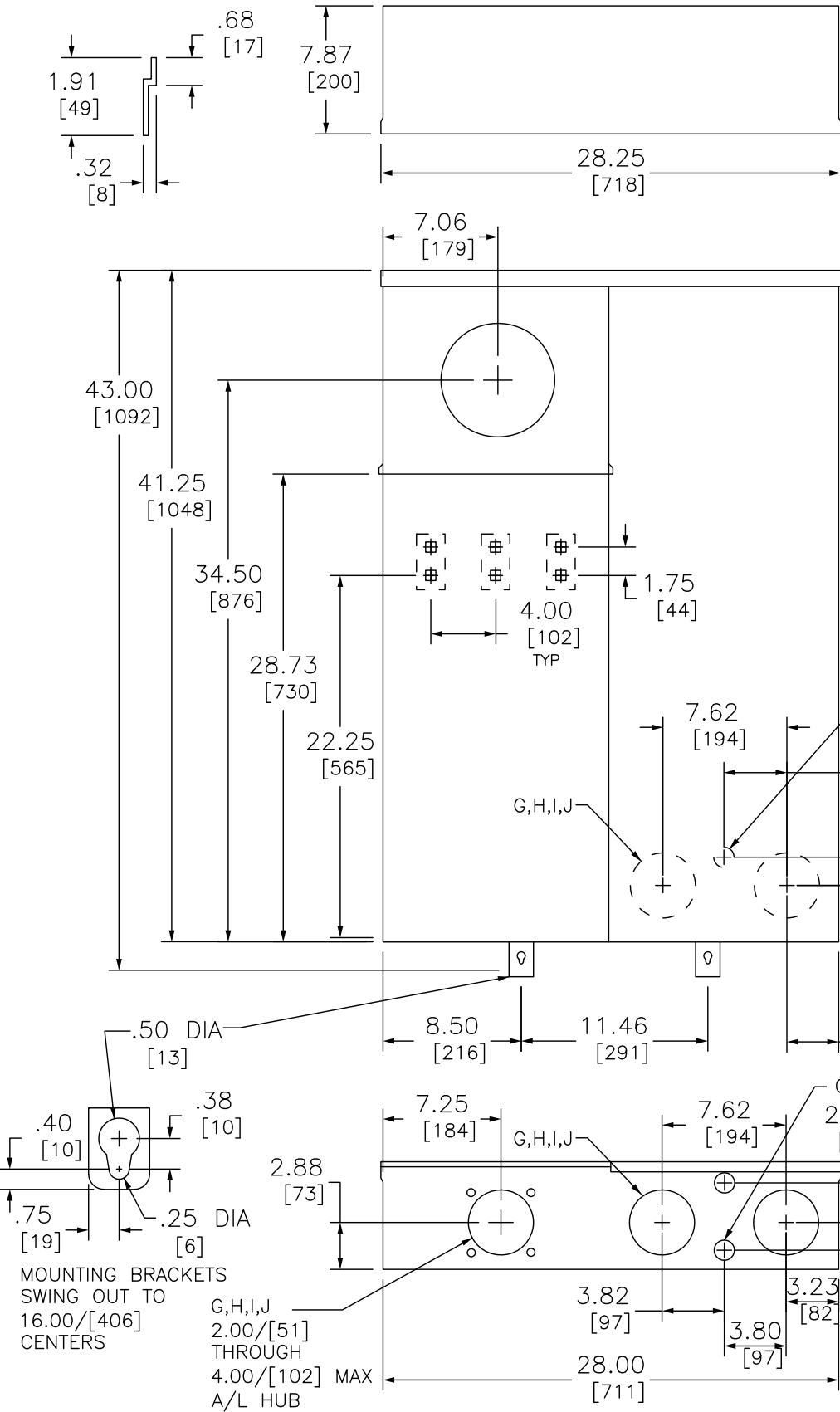
GTIN	785901539544
Returnability	Yes
Country of origin	US

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	43.025 in (109.283 cm)
Package 1 Width	28.289 in (71.855 cm)
Package 1 Length	7.880 in (20.015 cm)
Package weight(Lbs)	114.760 lb(US) (52.054 kg)

Contractual warranty

Warranty (in months)	18
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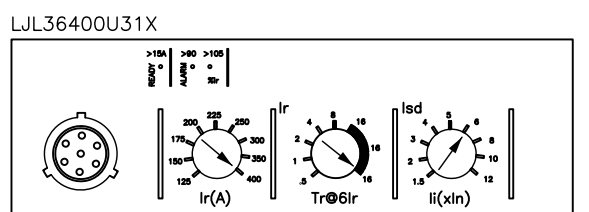


KNOCKOUTS		
SYMBOL	CONDUIT SIZE	
	IN	MM
A	.50	13
B	.75	19
C	1.00	25
D	1.25	32
E	1.50	38
F	2.00	51
G	2.50	64
H	3.00	76
I	3.50	89
J	4.00	102

FACTORY INSTALLED TYPE LJL CIRCUIT BREAKER HAS AN ADJUSTABLE TRIP AMPERE RATING RANGING FROM 125A TO 400A PER TABLE BELOW. EXACT AMPERE RATING MAY NOT BE ATTAINABLE. EXAMPLES:
225A (AVAILABLE SETTINGS 223A OR 228A)
250A (AVAILABLE SETTINGS 246A OR 252A)
300A (AVAILABLE SETTINGS 297A OR 304A)
350A (AVAILABLE SETTINGS 340A OR 352A)

CIRCUIT BREAKER TYPE	STANDARD LUG WIRE RANGE (AWG-KCMIL)	OPTIONAL LUG WIRE RANGE (AWG-KCMIL)
LJL	(2) 2/0-500 CU-AL	#2-600 CU #2-500 AL

NOTE: ORDER OPTIONAL LUG KITS SEPARATELY (AL400L61K3) KIT INCLUDES THREE LUG.



ADJUSTABLE SHORT TIME TRIP RANGE SETTING IS FACTORY SET AT I_{sd}=6. WITH BREAKER AMPERE RATING SET FOR 400A, THE SHORT TIME TRIP RATING FOR THE BREAKER IS SET AT 2400 (6X400AMP=2400AMP).

OPTIONAL TAMPER EVIDENT SEALING KIT REF. 29375 IS AVAILABLE FOR INSTALLATION ON THE CLEAR DIAL COVER, KIT INCLUDES SCREW HEAD COVER, SEALING WIRE, LEAD CRIMP SEAL AND INSTALLATION INSTRUCTION.(REFER TO. NEC2002, ARTICLE 240-6C)

INTERRUPTING RATING RMS SYMMETRICAL AMPERES @ 240 VAC MAX.	SERVICE DISCONNECT		SQUARE D BRANCH CIRCUIT BREAKER	
	CATALOG DESIGNATION	CURRENT RATING AMPERE MAX.	CATALOG DESIGNATION	CURRENT RATING AMPERE MAX.
100,000	LJL	400	NONE	NONE
65,000			QGL	200
25,000			QDL	200
10,000			QBL	200

DUAL DIMENSIONS: INCHES MILLIMETERS

CATALOG NUMBER	SERIES	METER SOCKET CLASS	BYPASS TYPE	MAXIMUM SYSTEM VOLTAGE	AMPERE RATING	OPTIONAL BRANCH BREAKER SPACES	MAXIMUM AMPACITY OF BRANCH BREAKERS	MAIN WIRE SIZE *AWG/kcmil AL/CU
CUM400CB	M01	CLASS 320 4 JAW	MANUAL	120/240VAC 1Ø 3W	400	2	200	SUPPLIED WITH LUG PADS - ORDER LUGS SEPARATELY

* LINES SIDE CONDUCTORS RESTRICTED TO ONE PER PHASE

NOTES:
FINISH - GRAY BAKED ENAMEL POWDER COAT PAINT OVER CLEANED GALVANNEALED STEEL.
UL LISTED - FILE E-6294, VOL. M
SUITABLE ONLY FOR USE AS SERVICE EQUIPMENT.
SUITABLE FOR UNDERGROUND SERVICE ONLY. FOR OVERHEAD SERVICE ENTRANCE, ORDER OCK400 OVERHEAD FEED TROUGH.
CONVERTIBLE TO SEMIFLUSH WITH FK400 FLANGE KIT
WHEN Q-FRAME BRANCH BREAKERS ARE REQUIRED, ORDER CIRCUIT BREAKER MOUNTING KIT BMK2Q400.
THEN LOAD CONDUCTORS FOR THE Q-FRAME BREAKERS ARE RESTRICTED TO (1) 250 KCMIL MAX PER PHASE(POLE)

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RING TYPE METER MAIN
RAINPROOF NEMA TYPE 3R ENCLOSURE
SURFACE/SEMIFLUSH

by Schneider Electric

DWG#
NO.