

General Information

(Section 1 of 1)

Service Voltage: 208Y/120V 3Ph 4W
Bus Rating & Type: 225A Tin Plated Copper
Ground Bar: Std. Bolted Aluminum, Al or Cu cable
S.C. Rating: 10k A.I.C. Fully Rated
Enclosure: Type 1
Neutral Rating: 225A

Main Device Type: Main Breaker - Top Cable Entry
Main Terminals: Mechanical - (1) #4-4/0 (Cu/Al)
Neutral Terminals: Mechanical - (1) #6-300 kcmil (Cu/Al)
Box Catalog No.: EZB2042R
Trim: EZ Trim, Door in Door, Concealed Hardware (EZT2042S)
 Surface Mounted

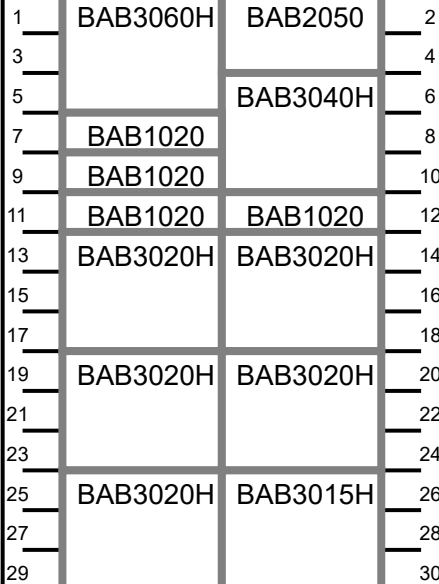
Box Dimensions: 42.00" [1066.8mm]H x 20.00" [508.0mm]W x 5.75" [146.1mm]D
Min. Gutter Size: Top = 5.5" [139.7mm] Bottom = 5.5" [139.7mm]
 Left = 6.0" [152.4mm] Right = 6.0" [152.4mm]

Panel ID Nameplate: (1) DIST CNTL BLDG
Type: Plastic, adhesive-backed (2) 208Y/120V 3Ph 4W
Color: White with Black Letters (3)

UL ***Non-Interchangeable Main Device***

Trim Lock: Standard Lock & Key (Keyed WEM2)
 Circuit Directory: Plastic Sleeve with Card
 Material may ship short or be substituted based on availability at the time of manufacturing.
 Main Circuit Breaker Trip Type: Thermal-Magnetic.
 Seismic Label (IBC/CBC Seismic Qualified).
 Heat Loss - Watts (Est.) = 104
 Weight - lbs (Est.) = 82
 Wire shall be based on the ampacity of 75°C rated conductors unless otherwise indicated.

**Main Breaker 100A
 EDB3100, Vert Mtd.**



**Blank Cover
 3 inches**

Device Modifications:
 Ref # Description

Branch Devices

Qty	Poles	Trip	Frame	Amps	kAIC
4	1	20	BAB	100	10
1	2	50	BAB	100	10
1	3	40	BAB-H	100	10
5	3	20	BAB-H	100	10
1	3	15	BAB-H	100	10
1	3	60	BAB-H	100	10

Main Devices

Qty	Poles	Trip	Frame	Amps	kAIC
1	3	100	EDB	225	10

Notes:

The information on this document is created by Eaton Corporation. It is disclosed in confidence and it is only to be used for the purpose in which it is supplied.

PREPARED BY Brent Newman	DATE 11/4/2024	Eaton			
APPROVED BY	DATE	JOB NAME TESCO W-55276	DESIGNATION DIST CNTL BLDG		
VERSION 1.0.0.74	TYPE PRL1a	DRAWING TYPE Customer Approval			
NEG-ALT Number A4181016X3K1-0000	REVISION 0	DWG SIZE A	G.O.	ITEM	SHEET 1 of 1

General Information

(Section 1 of 1)

Service Voltage: 125V DC 2W Ungrounded
Bus Rating & Type: 100A Tin Plated Copper
Ground Bar: Std. Bolted Aluminum, Al or Cu cable
S.C. Rating: 10k A.I.C. Fully Rated

Main Device Type: Main Breaker - Top Cable Entry - A & C Phase Connection
Main Terminals: Mechanical - (1) #14-1/0 (Cu/Al)
Neutral Terminals: Mechanical - N/A
Box Catalog No.: EZB2042R
Trim: EZ Trim, Door in Door, Concealed Hardware (EZT2042S)
 Surface Mounted

Box Dimensions: 42.00" [1066.8mm]H x 20.00" [508.0mm]W x 5.75" [146.1mm]D
Min. Gutter Size: Top = 5.5" [139.7mm] Bottom = 5.5" [139.7mm]
 Left = 5.75" [146.1mm] Right = 5.75" [146.1mm]

Panel ID Nameplate: (1) 48VDC DP
Type: Plastic, adhesive-backed (2) 125V DC 2W Ungrounded
Color: White with Black Letters (3)

UL ***Non-Interchangeable Main Device***

Trim Lock: Standard Lock & Key (Keyed WEM2)
 Circuit Directory: Plastic Sleeve with Card
 Material may ship short or be substituted based on availability at the time of manufacturing.
 Main Circuit Breaker Trip Type: Thermal-Magnetic.
 Seismic Label (IBC/CBC Seismic Qualified).
 Heat Loss - Watts (Est.) = 50
 Weight - lbs (Est.) = 83
 Wire shall be based on the ampacity of 75°C rated conductors unless otherwise indicated.

Main Breaker 100A V. Mtd.
 PDG23G0100, TMTU

1	GHB2015	GHB2080	2
3			4
5	GHB2015	GHB2015	6
7			8
9	GHB2020	GHB2030	10
11			12
13	GHB2015	GHB2015	14
15			16
17	GHB2015	GHB2020	18
19			20
21	GHB2015	GHB2020	22
23			24
25	GHB2015	GHB2020	26
27			28
29	PROV	PROV	30

Blank Cover
 4 inches

Device Modifications:
 Ref # Description

Branch Devices

Qty	Poles	Trip	Frame	Amps	kAIC
4	2	20	GHB	100	10
1	2	30	GHB	100	10
1	2	80	GHB	100	10
8	2	15	GHB	100	10
2	1		PROV		

Main Devices

Qty	Poles	Trip	Frame	Amps	kAIC
1	3	100	Frame 2	100	10

Notes:

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PREPARED BY Brent Newman	DATE 11/4/2024	Eaton			
APPROVED BY	DATE	JOB NAME TESCO W-55276	DESIGNATION 48VDC DP		
VERSION 1.0.0.74	TYPE PRL2X	DRAWING TYPE Customer Approval			
NEG-ALT Number A4181016X3K1-0000	REVISION 0	DWG SIZE A	G.O.	ITEM	SHEET 1 of 1