

EUSERC Required Service Entrance Devices



Meets EUSERC Requirements Service Entrance Devices 100–225 A

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EUSERC Required Service Entrance Devices

Product Description

Eaton is proud to introduce a new line of West Coast/ EUSERC Meter Breaker units. The new EUSERC devices complement the existing standard meter breaker devices. Customers who are interested in the complete meter breaker line of products can refer to Technical Data TD.31F.01.T.E.

Application Description

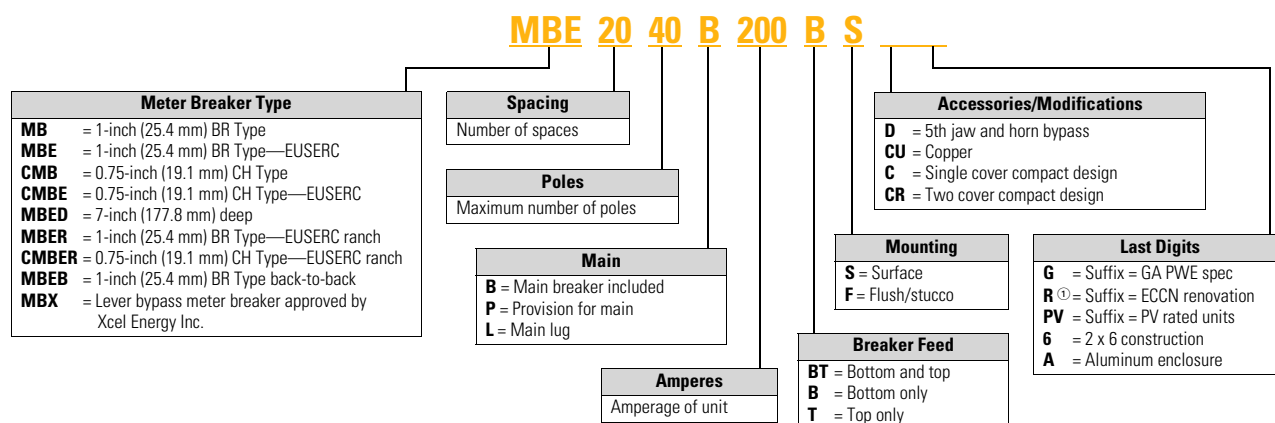
Eaton’s line of EUSERC required devices adhere to the agreed upon standards. EUSERC utilities are predominately located in the western United States, but some eastern and midwestern utilities are also members. **These units can also be used in many Non-EUSERC areas.**

Features, Benefits and Functions

- Single-phase, three-wire, 120/240 V, 10 kAIC
- Larger 250 kcmil lugs and additional knockouts for ease of installation
- Box type main lugs are included
- Factory-installed neutrals
- Hub provisions on top endwall. If hubs are required, order “DS” type hubs
- Ring type sockets are provided with a sealing ring
- Padlockable device covers provide an additional measure of security and help prevent tampering
- Most units have center keyhole for easy one-person installation
- NEMA 3R rainproof construction

Catalog Number Selection

4



Product Selection

Note: See knockout drawings on **Pages V1-T4-61 through V1-T4-67** for hub information.

Combination Service Entrance Devices—EUSERC

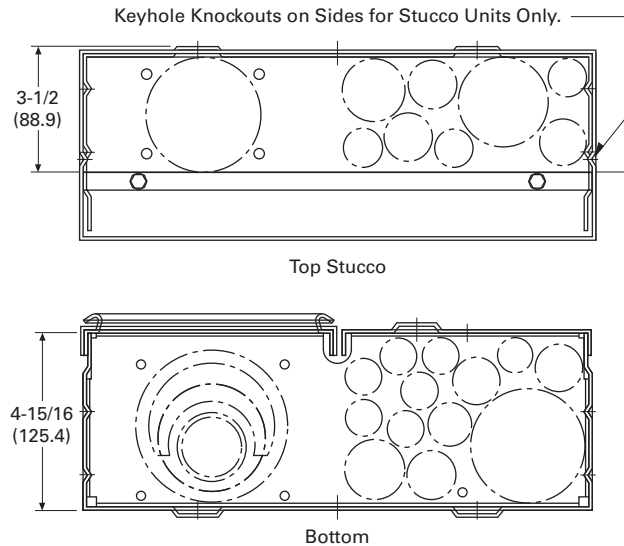
Ampere Rating	By-pass	Service	kAIC	Jaws	Distribution	Main	Branch Breaker Type	Dimensions and Enclosure Shape ^②	Page Numbers Knockout ^②	Catalog Number—Surface	Catalog Number—Flush
Ring Style Meter Mains (no distribution section included)											
125	None	OH/UG	③	4	2/4	MLO	BR	2	V1-T4-62	MBE24L125BTS ^④	MBE24L125BTF
125	None	OH/UG	③	4	2/4	MLO	CH	2	V1-T4-62	CMBE24L125BTS ^{④⑤}	—
150	None	OH/UG	22	4	None	CSR2150N	None	3	V1-T4-62	CMBE8150BTS ^{④⑤}	—
200	None	OH/UG	10	4	None	CSR2200	None	3	V1-T4-62	MBEB200BTS ^④	MBEB200BTF
200	None	OH/UG	22	4	None	CSR2200N	None	3	V1-T4-62	CMBE8200BTS ^{④⑤}	—
200	None	OH/UG	③	4	2/4	MLO	BR	3	V1-T4-62	MBE24L200BTS ^④	MBE24L200BTF
200	None	OH/UG	③	4	2/4	MLO	CH	3	V1-T4-62	CMBE24L200BTS ^{④⑤}	—
Ring Style All-in-Ones (includes distribution section)											
100	None	OH/UG	10	4	12/24	BR2100	BR	2	V1-T4-62	MBE1224B100BTS	MBE1224B100BTF
100	None	UG	10	4	14/28	BR2100	BR	4	V1-T4-61	MBE1428B100BS ^⑥	MBE1428B100BF ^⑥
100	None	OH	10	4	12/24	BR2100	BR	9	V1-T4-63	MBE1224B100TS	—
125	None	OH/UG	10	4	12/24	BR2125	BR	2	V1-T4-62	MBE1224B125BTS	MBE1224B125BTF
125	None	OH	10	4	12/24	BR2125	BR	9	V1-T4-63	MBE1224B125TS	—
125	None	UG	10	4	18/36	BR2125	BR	5	V1-T4-61	—	MBE1836B125BF ^⑥
150	None	OH/UG	10	4	4/8	CSR2150	BR	19	—	MBER48B150BTS ^{⑦⑧}	—
150	None	OH/UG	22	4	8/8	CSR2150N	CH	19	—	CMBER88B150BTS ^{⑤⑦⑧}	—
150	None	OH/UG	22	4	8	CSR2150N	CH	3	V1-T4-62	CMBE88B150BTS ^{⑤⑦}	CMBE88B150BTF ^{⑥⑦}
150	None	UG	22	4	32/42	CSR2150N	CH	7	V1-T4-61	CMBE3242B150BS ^{⑥⑥}	—
150	None	UG	10	4	20/40	CSR2150	BR	6	V1-T4-61	—	MBE2040B150BF ^{⑥⑨}

Notes

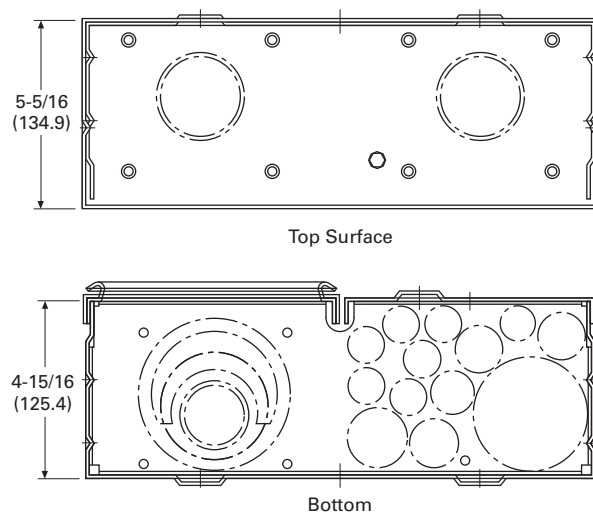
- ① Not available in CR.
- ② See **Page V1-T4-61** for box details.
- ③ Interrupting rating is dependent on the main breaker that is installed.
- ④ Reference drawing EUSERC DWG-301, G1.
- ⑤ Unit has copper bus.
- ⑥ Reference drawing EUSERC DWG-301/301A.
- ⑦ Units come with feed-through lugs.
- ⑧ Units include a two-pole provision for secondary main 70 A max. Type BR, BRH, BRHH.
- ⑨ Please use RH-Type hubs on top end wall for overhead feed.

Approximate Dimensions in Inches (mm)

Knockouts for Stucco and Surface Units Catalog Numbers—
CMBE88B150BTF, CMBE88B200BTF, MBE24L125BTF,
MBE24L200BTF, MBE48B200BTF, MBEB200BTF,
MBE1224B100BTF and MBE1224B125BTF



Knockouts for Stucco and Surface Units Catalog Numbers—
CMBB150BTS, CMBB200BTS, CMBP200BTS,
CMBE24L125BTS, CMB24L125BTS, CMBE24L200BTS,
CMBEB200BTS, CMBEB150BTS, CMBE88B150BTS,
CMBP200BTS, CMBE88B200BTS, MBE24L125BTS,
MBE24L200BTS, MBE48B150BTS, MBE48B200BTS,
MBE88B200BTS, MBEB200BTS, MBE1224B100BTS,
MBE1224B125BTS, CMB88B150BTS, CMB88B200BTS
and MB48B200BTS



Top Endwall (Surface)

Hub Provision Catalog Number	Quantity
DS100H2	①
DS125H2	①
DS150H2	①
DS200H2	①
DS250H2	①
DS300H2	①
DS900AP (Adapter Plate if using DS___H1 hubs only) ②	①

Top Endwall (Stucco) ③

Knockout Size Dimensions in Inches (mm)	Quantity
1.25, 1.50, 2.00, 2.50 (31.8, 38.1, 50.8, 63.5)	1
1.00, 1.25, 1.50 (25.4, 31.8, 38.1)	1
0.50, 0.75, 1.00 (12.7, 19.1, 25.4)	1
0.50, 0.75 (12.7, 19.1)	3
0.50 (12.7)	3

Bottom Endwall

Knockout Size Dimensions in Inches (mm)	Quantity
0.50 (12.7)	7
0.50, 0.75 (12.7, 19.1)	4
0.50, 0.75, 1.00 (12.7, 19.1, 25.4)	1
1.00, 1.25, 1.50, 2.00 (25.4, 31.8, 38.1, 50.8)	1
1.25, 1.50, 2.00, 2.50, 3.00 (31.8, 38.1, 50.8, 63.5, 76.2)	1

Notes

- ① For details regarding quantities, please contact the Technical Resource Center (TRC) at 1-877-ETN-CARE.
- ② Use when DS H1 Type 1, 1.25 and 1.50-inch hubs are needed.
- ③ RH hubs are to be used for Top Endwall (Stucco) endwalls.