



Product Overview

EKDB7S 125A Single Phase Distribution Board provides safe, reliable power management for modern homes. Designed for single-phase applications, it features a robust metal enclosure, modular configuration options, and flexible installation methods. EKDB7S accommodates various circuit protection devices and delivers comprehensive electrical protection up to 125A, meeting the evolving needs of residential systems.

- Standard: IEC 61439-3.
- Multi-configuration: 13/16/18/22 positions with 1-6 layers options.
- Neutral & Earth bars: Optional neutral and earth bars to meet diverse wiring and safety requirements.
- Universal installation: Available in both surface-mounted and flush-mounted versions, fitting various spatial constraints.
- Modular design: Organized internal layout for easy wiring, maintenance, and future expansion.

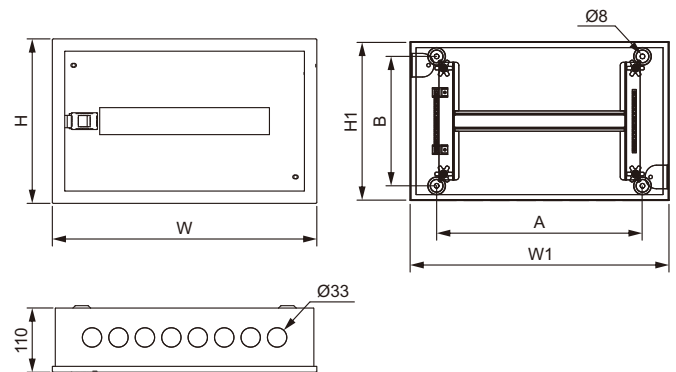
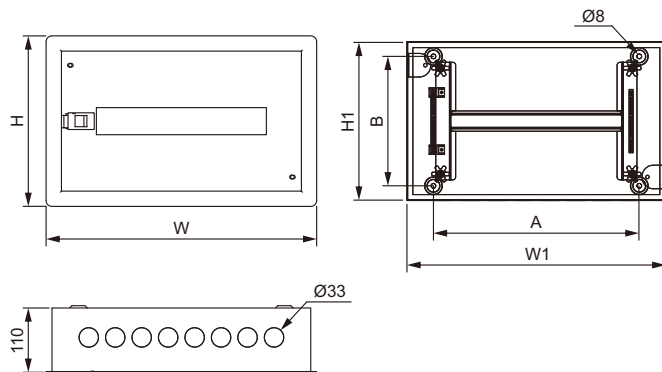
Model Preparation Meaning

EK	DB7	S	F	-	1	13
↓	↓	↓	↓		↓	↓
①	②	③	④		⑤	⑥
Code name	Meaning		Code name	Meaning		
①	ETEK company		④	F: Flush-mounted; S: Surface-mounted		
②	Design code		⑤	Layers: 1,2,3,4,5,6		
③	Single phase		⑥	No. of ways: 13,16,18,22 (Single layer)		

Technical Data

Model	EKDB7SF	EKDB7SS
Standard	IEC 61439-3	
No. of phase	Single phase	
Current capacity	125A (Maximum)	
Voltage rating	240VAC, 50/60Hz	
Installation	Flush-mounted	Surface-mounted
Configuration	13/16/18/22 positions; 1-6 layers	
Ingress protection	IP40	
Steel sheet thickness	1.2mm	
Surface finishing	Powder coated with electrostatic Epoxy polyester (RAL7035)	
Operational temperature range	-5°C to 40°C	

Dimension(mm)



Flush-mounted

Model	Layers	Ways	W	W1	H	H1	A	B
EKDB7SF-113	1	13	411	386	295	270	296	220
EKDB7SF-116	1	16	465	440	295	270	350	220
EKDB7SF-118	1	18	501	476	295	270	386	220
EKDB7SF-122	1	22	573	548	295	270	458	220
EKDB7SF-213	2	13	411	386	445	420	296	370
EKDB7SF-216	2	16	465	440	445	420	350	370
EKDB7SF-218	2	18	501	476	445	420	386	370
EKDB7SF-222	2	22	573	548	445	420	458	370
EKDB7SF-313	3	13	411	386	595	570	296	520
EKDB7SF-316	3	16	465	440	595	570	350	520
EKDB7SF-318	3	18	501	476	595	570	386	520
EKDB7SF-322	3	22	573	548	595	570	458	520
EKDB7SF-413	4	13	411	386	745	720	296	670
EKDB7SF-416	4	16	465	440	745	720	350	670
EKDB7SF-418	4	18	501	476	745	720	386	670
EKDB7SF-422	4	22	573	548	745	720	458	670
EKDB7SF-513	5	13	411	386	895	870	296	820
EKDB7SF-516	5	16	465	440	895	870	350	820
EKDB7SF-518	5	18	501	476	895	870	386	820
EKDB7SF-522	5	22	573	548	895	870	458	820
EKDB7SF-613	6	13	411	386	1045	1020	296	970
EKDB7SF-616	6	16	465	440	1045	1020	350	970
EKDB7SF-618	6	18	501	476	1045	1020	386	970
EKDB7SF-622	6	22	573	548	1045	1020	458	970

Surface-mounted

Model	Layers	Ways	W	W1	H	H1	A	B
EKDB7SS-113	1	13	396	386	280	270	296	220
EKDB7SS-116	1	16	450	440	280	270	350	220
EKDB7SS-118	1	18	486	476	280	270	386	220
EKDB7SS-122	1	22	558	548	280	270	458	220
EKDB7SS-213	2	13	396	386	430	420	296	370
EKDB7SS-216	2	16	450	440	430	420	350	370
EKDB7SS-218	2	18	486	476	430	420	386	370
EKDB7SS-222	2	22	558	548	430	420	458	370
EKDB7SS-313	3	13	396	386	580	570	296	520
EKDB7SS-316	3	16	450	440	580	570	350	520
EKDB7SS-318	3	18	486	476	580	570	386	520
EKDB7SS-322	3	22	558	548	580	570	458	520
EKDB7SS-413	4	13	396	386	730	720	296	670
EKDB7SS-416	4	16	450	440	730	720	350	670
EKDB7SS-418	4	18	486	476	730	720	386	670
EKDB7SS-422	4	22	558	548	730	720	458	670
EKDB7SS-513	5	13	396	386	880	870	296	820
EKDB7SS-516	5	16	450	440	880	870	350	820
EKDB7SS-518	5	18	486	476	880	870	386	820
EKDB7SS-522	5	22	558	548	880	870	458	820
EKDB7SS-613	6	13	396	386	1030	1020	296	970
EKDB7SS-616	6	16	450	440	1030	1020	350	970
EKDB7SS-618	6	18	486	476	1030	1020	386	970
EKDB7SS-622	6	22	558	548	1030	1020	458	970