

ETEK®

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Distribution Board

- Din-rail Modular
- Plug-in
- Main Switch
- Branch Breaker



40k+
Floor Area



30+
Brand Agents



500+
Employees



15+ Years
Industry Experience



100+
Export Countries



20 Mio+ Poles
Annual Production



ZHEJIANG ETEK ELECTRICAL TECHNOLOGY CO.,LTD.



Din-rail Modular Distribution Board

ETЭК®

CB CE



EKDB7S



EKDB7TF



EKDB7TF

Model	EKDB7SF	EKDB7SS	EKDB7TF
Standard	IEC 61439-3		
No. of phase	Single phase		Three phase
Installation	Flush-mounted	Surface-mounted	Flush-mounted
Current capacity	125A		125A, 250A
Voltage rating	240VAC, 50/60Hz		415VAC, 50/60Hz
No. of ways	13, 16, 18, 22; 1-6 layers		12, 18, 24, 30, 36, 42, 48 (Single phase)
Rated insulation voltage (Ui)	690V		
Ingress protection	IP40		
Surface finishing	Powder coated with electrostatic Epoxy polyester (RAL7035)		
Operational temperature range	-25°C to +55°C (Derating required; refer to breaker derating curves)		
Steel sheet thickness	1.2mm		1mm
Main incoming switch	RCCB, Isolator switch		MCCB
Branch breaker	MCB, RCBO		MCB, RCBO
No. of outgoing terminals	≥ No. of ways		

Plug-in Distribution Board

ETAK®

CB CE



EKDB11S



EKDB11T



EKDB11T

Model	EKDB11SF	EKDB11SS	EKDB11TF	EKDB11TS
Standard	IEC 61439-3			
No. of phase	Single phase		Three phase	
Mounting type	Flush-mounted	Surface-mounted	Flush-mounted	Surface-mounted
Busbar rating	125A		125A, 250A	
Voltage rating	240VAC, 50/60Hz		415VAC, 50/60Hz	
No. of ways	4, 6, 8, 10, 12, 14, 16		12, 18, 24, 30, 36, 42, 48 (Single phase)	
Rated insulation voltage (Ui)	690V			
Ingress protection	IP40			
Surface finishing	Powder coated with electrostatic epoxy polyester (RAL7035)			
Operational temperature range	-25°C to +55°C (Derating required; refer to breaker derating curves)			
Steel sheet thickness	0.8mm		1.2mm	
Main incoming switch	RCCB, Isolator switch		Isolator switch, MCCB	
Branch breaker	Plug in MCB: 1, 2P, Plug in RCBO		Plug in MCB: 1, 2, 3P, Plug in RCBO	
No. of outgoing terminals	≥ No. of ways			

Branch Breaker MCB & RCBO

ETAK®



Category		MCB	RCBO	MCB	RCBO
Model		ETM1-63(H)	ETL2-63(H)	EKM1-63(H)P	EKM1L-63(H)P
Standard		IEC60898-1, IEC60947-2	IEC61009-1	IEC60898-1	IEC61009-1
Residual current trip unit type		/	Electronic	/	Electronic
Residual current type		/	AC, A	/	AC, A
Poles		1P, 2P, 3P, 4P	1P+N	1P, 2P, 3P	1P+N
Rated voltage		240/415V~	230/240V~	240/415V~	230/240V~
Rated frequency		50/60Hz	50/60Hz	50/60Hz	50/60Hz
Rated current		1~63A	6~63A	6~63A	6~63A
Tripping curve		B, C, D	B, C	B, C	B, C
Rated sensitivity current		/	10, 30, 100, 300mA	/	30, 100, 300mA
Breaking capacity		6kA, 10kA	6kA, 10kA	6kA, 10kA	6kA, 10kA
Rated insulation voltage		415V	500V	500V	500V
Rated impulse withstand voltage (Uimp)		6kV	4kV	4kV	4kV
Energy limiting class		3	3	3	3
Fault trip indication		Yes	Yes	Yes	Yes
Terminal connection type	Top	Cable/Pin/Fork-type	Cable	Busbar plug-in	Busbar plug-in
	Bottom		Cable/Pin-type	Cable/Pin-type	Cable
Mounting type		DIN-rail	DIN-rail	Plug-in	Plug-in
Incoming method		Bi-Directional	Bi-Directional	From top	From top
Compatible distribution board		EKDB7	EKDB7	EKDB11	EKDB11

Main Switch

RCCB & Isolator Switch



Category	RCCB	Isolator Switch
Model	EKL6-100(H)	EKD1-125
Standard	IEC61008-1	IEC60947-3
Residual Current Trip Unit Type	Electro-magnetic	/
Residual current type	AC, A, A-SI, A-S	/
Poles	1P+N, 3P+N	2P, 3P
Rated voltage	1P+N: 230/240V~; 3P+N: 400/415V~	240/415V~
Rated frequency	50/60Hz	50/60Hz
Rated insulation voltage	500V	500V
Rated current	63~100A	63~125A
Rated sensitivity current	30, 100, 300mA	/
Rated conditional short-circuit current (I _{nc} =I _{Δc})	6kA, 10kA	/
Rated impulse withstand voltage (U _{imp})	4kV	4kV
Fault trip indication	Yes	Yes
Terminal connection type	Cable/Pin/Fork-type	Cable/Pin/Fork-type
Incoming method	Bi-Directional	Bi-Directional
Compatible distribution board	EKDB7, EKDB11	EKDB7, EKDB11

Main Switch MCCB

ETEK®

CB CE Intertek



EKM8-125S



EKM8-250S

Model		EKM8-125S	EKM8-250S
Frame size		125	250
Poles		3P	3P
Rated operational voltage		400/415V	400/415V
Rated current		10~125A	100~250A
Rated insulation voltage		1000V	1000V
Rated impulse withstand voltage		8kV	8kV
Breaking capacity	Ics (kA)	15	18
	Icu (kA)	18	25
Standard		IEC60947-2	IEC60947-2
Utilization category		Cat. A	Cat. A
MCCB Type		Fixed Type	Fixed Type
Trip unit type		Thermal-magnetic	Thermal-magnetic
Incoming method		Fixed, plug-in	Fixed, plug-in
Compatible distribution board		EKDB7T, EKDB11T	EKDB7T, EKDB11T



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Product Details