

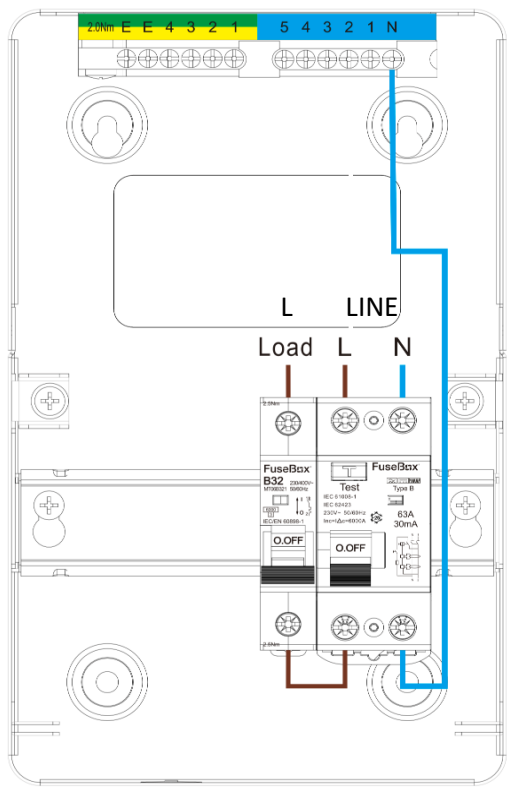
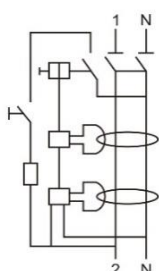












<h1 style="margin: 0;">FuseBox®</h1>		APPROVALS 																							
TYPE B RCD and MCB EV32B/EV40B 																									
IMAGE		TECHNICAL DATA																							
 <p style="text-align: center; margin-top: 10px;">*3 spare ways for additional circuits which will be fitted with din rail blanks</p>		<table border="0" style="width: 100%; border-collapse: collapse;"> <tr><td>STANDARD</td><td>EN 61439-3</td></tr> <tr><td>RATED VOLTAGE (Un/AC)</td><td>230V</td></tr> <tr><td>FREQUENCY (Hz)</td><td>50/60</td></tr> <tr><td>PROTECTION DEGREE (IP)</td><td>2XC</td></tr> <tr><td>MAX CABLE TB</td><td>16mm²</td></tr> <tr><td>TERMINAL BAR TORQUE</td><td>2Nm</td></tr> <tr><td>DEVICE MOUNTING</td><td>35mm DIN RAIL</td></tr> <tr><td>MATERIAL</td><td>1mm ELECTRO GALVANISED STEEL (ZINC)</td></tr> <tr><td>FINISH</td><td>RAL 9001 POWDER COATED</td></tr> <tr><td>KNOCKOUTS</td><td>SELECTION 20mm - 40mm</td></tr> <tr><td>ACCESSORY PACK</td><td>IDENTIFICATION LABELS / GROMMET STRIP</td></tr> </table>		STANDARD	EN 61439-3	RATED VOLTAGE (Un/AC)	230V	FREQUENCY (Hz)	50/60	PROTECTION DEGREE (IP)	2XC	MAX CABLE TB	16mm ²	TERMINAL BAR TORQUE	2Nm	DEVICE MOUNTING	35mm DIN RAIL	MATERIAL	1mm ELECTRO GALVANISED STEEL (ZINC)	FINISH	RAL 9001 POWDER COATED	KNOCKOUTS	SELECTION 20mm - 40mm	ACCESSORY PACK	IDENTIFICATION LABELS / GROMMET STRIP
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TECHNICAL DATA

Type	B	
STANDARD	IEC 51008-1 / IEC 32423	
Rated current I_n	63A	
Poles	2P	
Numbers of poles versus modules	2P=3MOD	
Rated voltage U_e	2P, 230V	
Insulation voltage U_i	500V	
Rated frequency	50/60Hz	
Rated sensitivity $I_{\Delta n}$	0.03A (30mA)	
Rated residual making and breaking capacity $I_{\Delta m}$	630($I_n=63A$)	
Short-circuit current $I_{nc} = I_{\Delta c}$	6000A	
SCPD fuse	 6000	
Break time under $I_{\Delta n}$	$\leq 0.1S$	
Rated impulse withstand voltage (1.2/50) U_{imp}	6KV	
Dielectric test voltage at and ind Freq. for 1 min	2.5KV	
Electrical life and Mechanical life	4000 CYCLES	
Pollution degree	2	
INSTALLATION		
Protection degree	IP20	
Ambient temperature (with daily average $\leq 35^\circ C$)	-5 ~ 40	
Storage temperature	-25~70	
Terminal connection type	Cage terminal	
Maximum cable capacity	35mm ² / 18-2 AWG	
Tightening torque	2.5Nm / 22In-lbs	
Mounting	35mm top hat din rail to EN60715	
Waveform definition		
	B type	
	Tripping current	
Sinusoidal exchange	0.5-1 $I_{\Delta n}$	
Pulsating half wave	0.5-1.4 $I_{\Delta n}$	
Pulsating half wave + direct current (6mA)	Max 1.4 $I_{\Delta n}+6mA$	
Pulsating half wave + direct current (10mA)	Max 1.4 $I_{\Delta n}+10mA$	
High frequency (up to 1KHz)	150Hz 0.5-2.4 $I_{\Delta n}$	
	400Hz 0.5-6 $I_{\Delta n}$	
	1000Hz 1-14 $I_{\Delta n}$	
Two phase rectified full wave	0.5-2 $I_{\Delta n}$	
Three phase rectified full wave	0.5-2 $I_{\Delta n}$	
Direct current	0.5-2 $I_{\Delta n}$	