






BLUEPOWER Series Moulded Case Circuit Breakers								
Type				KM 160	C160	H 160	H 250	M 250
Standard				TS EN 60947-2	TS EN 60947-2	TS EN 60947-2	TS EN 60947-2	TS EN 60947-2
Rated Current (at 40° C)		A		25, 32, 40, 50, 63, 80, 100, 125, 160, 200	20, 25, 32, 40, 50, 63, 80, 100, 125, 160	25, 32, 40, 50, 63, 80, 100, 125, 160	100, 125, 160, 200, 250	100, 125, 160, 200, 250
No Of Pole				1	3	3	3	3
Rated Voltage	Ue	V	AC	240	415	415	415	415
Rated Insulation Voltage	Ui	V	AC	750	690	750	750	750
Power Frequency Withstand Test At 1 Minute		V	AC	3000	3000	3000	3000	3000
Rated Impulse Withstand Voltage	Uimp	kV	AC	8	6	8	8	8
Rated Ultimate Short-Circuit Breaking Capacity	Icu	kA	690 V AC		5	8	5	10
			500 V AC		7	9	9	18
			440 V AC		15	22	22	42
			415 V AC		25	36	36	50
			240 V AC	35	35	50	50	65
			250 V DC (3 poles serial)	10	20	30	30	30
Rated Service Short-Circuit Breaking Capacity	Ics	kA	690 V AC		5	5	5	5
			500 V AC		7	9	9	9
			440 V AC		10	22	22	22
			415 V AC		15	36	36	25
			240 V AC	35	25	50	50	50
			250 V DC (3 poles serial)	5	10	15	15	15
Utilisation Category				A	A	A	A	A
Pollution Degree				3	3	3	3	3
Electrical Life	ON-OFF		415 V	5000	3000	5000	5000	5000
Mechanical Life	ON-OFF			15000	10000	15000	15000	15000
Trip Unit for Line Protection				Ir=In ; Im: 8xIn	Ir : (0,8-1)xIn ; li:8xIn	Ir : (0,8-1)xIn ; li:8xIn	Ir : (0,8-1)xIn ; li:8xIn	Ir : (0,8-1)xIn ; li:8xIn
Trip Unit for Motor protection				Ir=In ; Im: 12xIn	Ir : (0,8-1)xIn ; li:12xIn	Ir : (0,8-1)xIn ; li:12xIn	Ir : (0,8-1)xIn ; li:12xIn	Ir : (0,8-1)xIn ; li:12xIn
Trip Unit for Generator protection				Ir=In ; Im: 4xIn	Ir : (0,8-1)xIn ; li:4xIn	Ir : (0,8-1)xIn ; li:4xIn	Ir : (0,8-1)xIn ; li:4xIn	
Max. Operational Temperature	°C			-20 / +60	-20 / +60	-20 / +60	-20 / +60	-20 / +60
Max. Storage Temperature	°C			-40 / +80	-40 / +80	-40 / +80	-40 / +80	-40 / +80
Dimensions	W	mm	W	39,5	90	90	105	105
	H	mm	H	150	120	150	183	183
	D	mm	D	105	70	105	124	124
Weight	kg			0.65	1	1.8	3	3
Accessories								
Shunt Trip				–	√	√	√	√
Undervoltage				–	√	√	√	√
Aux. Contact				–	√	√	√	√
Alarm Contact				–	√	√	√	√
Motor Operator				–	–	√	√	√
Rotary Handle				–	–	√	√	√
Extension Copper				–	–	√	√	√