



Miniature Circuit Breakers

Series KG60

Technical data

Series	KG60
Standards	EN/IEC 60898-1
Tripping characteristics	B, C
Nominal thermal current I_n	A 6-40
Calibration temperature	°C 30
Number of poles	(# mod) 1, 3
Nominal rated voltage U_n AC 1P/3P	V 230/400
Frequency	Hz 50/60
Maximum service voltage U_{bmax} between two wires	V 250/440
Minimum service voltage U_{bmin}	V 12
Selectivity class (IEC 60898)	3
Rated insulation voltage Pollution degree 2	V 500
Rated insulation voltage Pollution degree 3	V 440
Short-circuit capacity acc. EN/IEC 60898-1	kA 6
Impulse withstand test voltage	kV 6
Insulation resistance	MOhm 10
Dielectric rigidity	kV 2,5
Vibrations resistance (in x, y, z direction)(IEC 77/16.3)	g 5
Toggle operation	with ON-OFF position indication
Mechanical shock resistance	30g - 2 times - 11ms
Endurance electrical at U_n	In 10 000
Mechanical	20 000
Mounting position	any
Mounting fast clip	DIN rail EN 60715 (35 mm)
Incoming top or bottom	yes
Protection degree on front (outside / inside enclosure with door)	IP2x/IP4x
Tropicalisation (according to IEC 60068-2 / DIN 40046)	+55°C/95% RH
Operating temperature	°C -25/+55
Storage temperature	°C -55/+70
Terminal capacity cable min/max	1/25mm ² or 2 x 10mm ²
Tightening Torque - PZ2	Nm 3,5
Busbar systems Pin (top/bottom)	yes/yes
Fork (top/bottom)	-/yes
Dimensions (HxDxW mm/mod.)	86x68x(17,5 mm/mod.)
Weight/mod.	g 115
CE-marking	yes

Applications



Marking





Short-circuit capacity

AC acc. to EN/IEC 60898-1

Series	Poles	V	I_{cn}/I_{cs}
KG60	1-3	230/400	6kA



Series KG60 - 6kA - characteristics B-C

	In (A)	No. Poles	B		C		Pack.
			Cat. No.	Ref. No.	Cat. No.	Ref. No.	
 1P 1 mod.	6	1	KG61 B06	678891	KG61 C06	678927	12
	10	1	KG61 B10	678892	KG61 C10	678928	12
	16	1	KG61 B16	678893	KG61 C16	678929	12
	20	1	KG61 B20	678894	KG61 C20	678930	12
	25	1	KG61 B25	678895	KG61 C25	678931	12
	32	1	KG61 B32	678896	KG61 C32	678932	12
	40	1	KG61 B40	678897	KG61 C40	678933	12
 3P 3 mod.	6	3	KG63 B06	678909	KG63 C06	678945	4
	10	3	KG63 B10	678910	KG63 C10	678946	4
	16	3	KG63 B16	678911	KG63 C16	678947	4
	20	3	KG63 B20	678912	KG63 C20	678948	4
	25	3	KG63 B25	678913	KG63 C25	678949	4
	32	3	KG63 B32	678914	KG63 C32	678950	4
	40	3	KG63 B40	678915	KG63 C40	678951	4

GE ENERGY
INDUSTRIAL SOLUTIONS
Nieuwevaart 51
B-9000 Gent - Belgium

Tel. +32 9 265 21 11
Fax +32 9 265 28 90
e-mail: gepcb@ge.com
www.ge.com/ex/industrialsolutions



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