



PRODUCT-DETAILS

# K6-22Z-84

## K6-22Z-84 Mini Contactor Relay 110 ... 127 V AC - 0 NO - 0 NC - Screw Terminals



Informações gerais

Tipo de produto alargado	K6-22Z-84
ID do produto	GJH1211001R8224
EAN	4013614151309
Descrição do catálogo	K6-22Z-84 Mini Contactor Relay 110 ... 127 V AC - 0 NO - 0 NC - Screw Terminals
Descrição longa	<p>The K6-22Z mini contactor relay is a compact 4 pole contactor relay with screw terminals. They are ideally suited for applications where reliability is a must and space is at a premium. Mini contactors relays are used in residential buldings, commercial buildings and industrial applications for switching of control signals up to 3 A / 400 V (AC-15). Further features are the silent coil, a switch position indication and the integrated possibility for rail or wall mounting.</p>

Ordering

Quantidade Mínima de Encomenda	1 piece
Número de tarifa aduaneira	85365080

Popular Downloads

Ficha de dados, informação técnica	1SBC100214C0202
Instruções e Manuais	2CDC102047M6801
CAD Dimensional Drawing	2CDC001079B0201
Diagrama de medidas	GJL1200436F0001

## Dimensions

Largura Líquida do Produto	52.5 mm
Profundidade/Compriment o Líquidos do Produto	46.5 mm
Altura Líquida do Produto	57.5 mm
Peso Líquido do Produto	0.175 kg

## Technical

Number of Main Contacts NO	0
Number of Main Contacts NC	0
Number of Auxiliary Contacts NO	2
Number of Auxiliary Contacts NC	2
Número de polos	4P
Normas	IEC/EN 60947-1 IEC/EN 60947-4-1 IEC/EN 60947-5-1 UL 60947-1 UL 60947-4-1 IEC 60335-2-40 A2L
Tensão operacional nominal	Auxiliary Circuit 690 V AC Auxiliary Circuit 250 V DC
Frequência nominal (f)	Auxiliary Circuit 50 Hz Auxiliary Circuit 60 Hz Auxiliary Circuit DC Control Circuit 400 Hz Control Circuit 50 Hz Control Circuit 60 Hz Main Circuit 60 Hz Main Circuit 50 Hz Main Circuit DC
Conventional Free-air Thermal Current ( $I_{th}$ )	Auxiliary Circuit 6 A
Rated Operational Current AC-15 ( $I_e$ )	(24 V) 4 A (120 V) 4 A (240 V) 4 A (400 V) 3 A (500 V) 2 A
Rated Operational Current DC-13 ( $I_e$ )	(24 V) 2.5 A (110 V) 0.7 A (220 / 240 V) 0.4 A
Dispositivos com proteção de curto-circuito	gG Type Fuses 6 A
Rated Insulation Voltage ( $U_i$ )	690 V acc. to UL/CSA 600 V
Rated Impulse Withstand Voltage ( $U_{imp}$ )	Auxiliary Circuit 6 kV
Maximum Electrical Switching Frequency	(AC-15) 600 cycles per hour (DC-13) 600 cycles per hour
Mechanical Durability	10000000 cycle
Minimum Switching Capacity	17 V 5 mA
Coil Operating Limits	(acc. to IEC 60947-5-1) for AC supply 0.85 ... 1.1 x $U_c$ (at $\theta \leq 55^\circ\text{C}$ )

Rated Control Circuit Voltage (U <sub>c</sub> )	110 ... 127 V AC
Coil Consumption	Average Holding Value 50 Hz 3.5 V·A Average Pull-in Value 50 Hz 3.5 V·A
Power Loss	at Rated Operating Conditions per Pole 0.32 W
Montagem na calha DIN	TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715
Connecting Capacity Auxiliary Circuit	Flexible with Ferrule 1/2x 1 ... 2.5 mm <sup>2</sup> Flexible with Insulated Ferrule 1/2x 1 ... 2.5 mm <sup>2</sup> Flexible 1/2x 1 ... 2.5 mm <sup>2</sup> Rigid 1/2x 1 ... 4 mm <sup>2</sup>
Connecting Capacity Control Circuit	Flexible with Ferrule 1/2x 1 ... 2.5 mm <sup>2</sup> Flexible with Insulated Ferrule 1/2x 1 ... 2.5 mm <sup>2</sup> Flexible 1/2x 1 ... 2.5 mm <sup>2</sup> Rigid 1/2x 1 ... 4 mm <sup>2</sup>
Wire Stripping Length	Auxiliary Circuit 9 mm
Grau de proteção	Auxiliary Circuit Terminals IP20 Control Circuit Terminals IP20
Recommended Screw Driver	M3 Pozidriv 1
Binário de aperto	Auxiliary Circuit 0.8 ... 1.1 N·m Control Circuit 0.8 ... 1.1 N·m Main Circuit 0.8 ... 1.1 N·m
Tipo de terminal	Screw Terminals
Mini Contactor Type	Mini Contactor Relay
Nome de Produto	Mini Contactor Relay

## Technical UL/CSA

Maximum Operating Voltage UL/CSA	600 V AC
General Use Rating UL/CSA	(600 V AC) 5 A
Connecting Capacity Auxiliary Circuit UL/CSA	Stranded 1/2x 22-10 AWG
Contact Rating UL/CSA	A600
Tightening Torque UL/CSA	Auxiliary Circuit 7 in·lb Control Circuit 7 in·lb

## Environmental

Temperatura do ar ambiente	Operation -25 ... +55 °C Storage -40 ... +80 °C
Altitude de operação máxima permissível	2000 m
Resistência ao Choque de acordo com IEC 60068-2-27	11 ms Pulse 15g
Resistance to Vibrations	3g 3 ... 150 Hz

## Material Compliance

Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
REACH Declaration	2CMT2021-006202
Informação RoHS	2CMT2021-006277
Estado RoHS	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
Toxic Substances Control Act - TSCA	2CMT2023-006525
REEE B2C / B2B	Business To Business
Categoria REEE	5. Small Equipment (No External Dimension More Than 50 cm)

## ABB EcoSolutions

End Of Life Disassembling Instructions	1SBC100156C0269
Environmental Product Declaration - EPD	1SAC200409H0001

## Certificates and Declarations

A2L Certificate - IEC	1SAA938000-4601
CB Certificate	1SAA938001-2001
CQC Certificate	CQC2003010304064035
Declaration of Conformity - CCC	2020980304001309
Declaração de conformidade -CE	1SAD101100-3101
Declaration of Conformity - UKCA	1SAD201100-3101
EAC Certificate	1SAA938001-2701
Certificado RMRS	1SAA938001-0704
Certificado UL	E48139-19881214

## Container Information

Unidades de embalagem Nível 1	box 10 piece
Largura da embalagem Nível 1	115 mm
Profundidade/Comprimento da embalagem Nível 1	280 mm
Altura da embalagem Nível 1	54 mm
Peso bruto da embalagem Nível 1	1.82 kg
Nível de Embalagem 1 EAN	4013614410314

## External Classifications and Standards

Código de classificação do objeto	K
ETIM 7	EC000196 - Contactor relay
ETIM 8	EC000196 - Contactor relay
ETIM 9	EC000196 - Contactor relay
eClass	V11.0 : 27371001
UNSPSC	39121529
Código de Categoria Granular IDEA (IGCC)	4761 >> Magnet contactor, AC-switching

Categorias

Produtos e Sistemas de Baixa Tensão → Produtos para controle → Contatores → Mini Contactor Relays

