



PRODUCT-DETAILS

B7-40-00-85

B7-40-00-85 Mini Contactor 380 ... 415 V AC -
4 NO - 0 NC - Screw Terminals



概要信息	
产品型号	B7-40-00-85
产品ID	GJL1311201R8005
欧洲商品编号(EAN)	4013614187605
目录说明	B7-40-00-85 Mini Contactor 380 ... 415 V AC - 4 NO - 0 NC - Screw Terminals
详细描述	The B7-40-00 mini contactor is a compact 4 pole contactor with screw terminals. They are ideally suited for applications where reliability is a must and space is at a premium. Mini contactors are used in residential buildings, commercial buildings and industrial applications for the control of single or three-phase loads up to 5.5 kW (AC-3) and 20 A (AC-1) or switching of control signals. Further features are the silent coil, a switch position indication and the integrated possibility for rail or wall mounting.
订货信息	
最小起订量	1 piece
海关关税号	85365080

Popular Downloads

数据手册，技术资料	1SBC100214C0202
说明书和手册	2CDC102047M6801
CAD Dimensional Drawing	2CDC001079B0201
尺寸图	GJL1200436F0001

尺寸

产品净宽	52.5 mm
产品净高	57.5 mm
产品净深	46.7 mm
产品净重	0.175 kg

技术参数

极数	4
微型接触器类型	Mini Contactor
额定工作电压	Main Circuit 690 V AC Main Circuit 220 V DC
额定频率 (f)	Control Circuit 400 Hz Control Circuit 50 Hz Control Circuit 60 Hz Main Circuit 50 Hz Main Circuit 60 Hz Main Circuit DC
额定冲击耐受电压 (U _{imp})	Main Circuit 6 kV
额定绝缘电压 (U _i)	690 V acc. to UL/CSA 600 V
主触点NC数量	0
主触点NO数量	4
额定工作电流 AC-1 (I _e)	(220 / 240 V) 40 °C 20 A (220 / 240 V) 55 °C 16 A (380 / 440 V) 40 °C 20 A (380 / 440 V) 55 °C 16 A (690 V) 40 °C 6 A (690 V) 55 °C 6 A
额定工作功率 AC-3 (P _e)	(230 V) Three Phase 3 kW (400 V) Three Phase 5.5 kW (500 V) Three Phase 5.5 kW (690 V) Three Phase, NO 3 kW
额定不间断电流 (I _{cw})	at 40 °C Ambient Temp, in Free Air, from a Cold State 10 s 96 A
辅助触点NC数量	0
辅助触点NO数量	0
额定发热电流（自由空气）(I _{th})	Main Circuit 20 A
额定控制电路电压 (U _c)	380 ... 415 V AC
线圈操作极值	(acc. to IEC 60947-4-1) for AC supply 0.85 ... 1.1 x U _c (at θ ≤ 55 °C)
防护等级	Control Circuit Terminals IP20 Main Circuit Terminals IP20
机械寿命	10000000 cycle
最高电气切换频率	(AC-1) 300 cycles per hour (AC-3) 600 cycles per hour (DC-1) 600 cycles per hour (DC-3) 600 cycles per hour
主电路连接容量	Flexible with Ferrule 1/2x 1 ... 2.5 mm ² Flexible with Insulated Ferrule 1/2x 1 ... 2.5 mm ² Flexible 1/2x 1 ... 2.5 mm ² Rigid 1/2x 1 ... 4 mm ²

控制电路连接容量	Flexible with Ferrule 1/2x 1 ... 2.5 mm ² Flexible with Insulated Ferrule 1/2x 1 ... 2.5 mm ² Flexible 1/2x 1 ... 2.5 mm ² Rigid 1/2x 1 ... 4 mm ²
剥线长度	Main Circuit 9 mm
拧紧力矩	Control Circuit 0.8 ... 1.1 N·m Main Circuit 0.8 ... 1.1 N·m
推荐的螺丝刀	M3 Pozidriv 1
安装到DIN导轨上	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
功率损耗	at Rated Operating Conditions AC-1 per Pole 1.4 W
标准	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

UL/CSA适用的技术参数

最高工作电压UL/CSA	Main Circuit 600 V AC
满载电流电机使用	(115 V AC) Single Phase 13.8 A (200 V AC) Three Phase 7.8 A (220 ... 240 V AC) Three Phase 9.6 A (230 V AC) Single Phase 10 A (440 ... 480 V AC) Three Phase 7.6 A (550 ... 600 V AC) Three Phase 6.1 A
额定功率UL/CSA	(115 V AC) Single Phase 0.75 Hp (200 V AC) Three Phase 2 Hp (220 ... 240 V AC) Three Phase 3 Hp (230 V AC) Single Phase 1.5 Hp (440 ... 480 V AC) Three Phase 5 Hp (550 ... 600 V AC) Three Phase 5 Hp
通用等级UL/CSA	(600 V AC) 16 A
主电路连接容量 UL/CSA	Stranded 1/2x 22-10 AWG
拧紧力矩UL/CSA	Control Circuit 7 in·lb Main Circuit 7 in·lb

环境条件

周围环境温度	Operation -25 ... +55 °C Storage -40 ... +80 °C
允许的最高工作海拔	2000 m
抗机械冲击符合IEC 60068-2-27标准	11 ms Pulse 15g
耐振动符合IEC 60068-2-6标准	5g 5 ... 150 Hz

Material Compliance

Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
REACH Declaration	2CMT2021-006202
RoHS信息	2CMT2021-006277
RoHS状态	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
Toxic Substances Control Act - TSCA	2CMT2023-006525

WEEE B2C / B2B	Business To Business
WEEE 类别	5. Small Equipment (No External Dimension More Than 50 cm)

ABB EcoSolutions

产品寿命终止后的拆解指南	1SBC100156C0269
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认证及声明（文件编码）

A2L Certificate – IEC	1SAA938000-4601
BV认证	1SAA920000-0204
CB认证	1SAA938000-2002
CQC认证	CQC2003010304064033
Declaration of Conformity - CCC	2020980304001854
符合性声明 - CE	1SAD101100-3101
Declaration of Conformity - UKCA	1SAD201100-3101
DNV GL Certificate	1SAA938000-0306
EAC认证	1SAA920000-2702
KC认证	1SAA938000-1501
LR认证	1SAA938000-0504
RMRS认证	1SAA938000-0704
UL认证	E191658-19881208

包装信息

1级包装单元	box 10 piece
1级包装宽度	115 mm
1级包装高度	54 mm
1级包装长度	280 mm
1级包装 总重	1.82 kg
1级包装 EAN	4013614417023

分类

对象分类代码	Q
ETIM 4	EC000066 - Magnet contactor, AC-switching
ETIM 5	EC000066 - Magnet contactor, AC-switching
ETIM 6	EC000066 - Power contactor, AC switching
ETIM 7	EC000066 - Power contactor, AC switching
ETIM 8	EC000066 - Power contactor, AC switching
e级	V11.0 : 27371003
UNSPSC	39121529
IDEA 粒度分类代码 (IGCC)	4761 >> Magnet contactor, AC-switching

Accessories

Identifier	Description	Type	Quantity	Unit Of Measure
GJL1201317R0002	CA6-11E Auxiliary Contact - 0 NO - 0 NC - Screw Terminals	CA6-11E	1	piece
GJL1201317R0003	CA6-11M Auxiliary Contact - 0 NO - 0 NC - Screw Terminals	CA6-11M	1	piece
GJL1201317R0004	CA6-11N Auxiliary Contact - 0 NO - 0 NC - Screw Terminals	CA6-11N	1	piece
GJL1201330R0003	CAF6-11M Auxiliary Contact - 0 NO - 0 NC - Screw Terminals	CAF6-11M	1	piece
GJL1201330R0006	CAF6-20E Auxiliary Contact - 0 NO - 0 NC - Screw Terminals	CAF6-20E	1	piece
GJL1201330R0011	CAF6-02M Auxiliary Contact - 0 NO - 0 NC - Screw Terminals	CAF6-02M	1	piece
GJL1201330R0007	CAF6-20M Auxiliary Contact - 0 NO - 0 NC - Screw Terminals	CAF6-20M	1	piece
GJL1201330R0012	CAF6-02N Auxiliary Contact - 0 NO - 0 NC - Screw Terminals	CAF6-02N	1	piece
GJL1201330R0008	CAF6-20N Auxiliary Contact - 0 NO - 0 NC - Screw Terminals	CAF6-20N	1	piece
GJL1201330R0002	CAF6-11E Auxiliary Contact - 0 NO - 0 NC - Screw Terminals	CAF6-11E	1	piece
GJL1201330R0004	CAF6-11N Auxiliary Contact - 0 NO - 0 NC - Screw Terminals	CAF6-11N	1	piece
GJL1201330R0010	CAF6-02E Auxiliary Contact - 0 NO - 0 NC - Screw Terminals	CAF6-02E	1	piece
GJL1201906R0001	LT6-B Cover cap - No Terminals	LT6-B	1	piece
GJL1201904R0001	BN6 Plunger - No Terminals	BN6	1	piece

分类

低压产品及系统 → 控制产品 → 接触器 → 微型接触器

