



PRODUCT-DETAILS

VB6-30-10-F-80
VB6-30-10-F-80 Mini Reversing Contactor
220 ... 240 V AC - 3 NO - 0 NC - Flat-Pin
Connections



概要信息	
产品型号	VB6-30-10-F-80
产品ID	GJL1211903R8100
欧洲商品编号(EAN)	4013614153174
目录说明	VB6-30-10-F-80 Mini Reversing Contactor 220 ... 240 V AC - 3 NO - 0 NC - Flat-Pin Connections
详细描述	The VB6-30-10-F mini reversing contactor is a compact 3 pole contactor with 1 auxiliary contact, flat pin connection and normal mechanical interlock. They are ideally suited for applications where reliability is a must and space is at a premium. Mini reversing contactors are used in residential buildings, commercial buildings and industrial applications for the control of three-phase motor loads up to 4 kW (AC-3). 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	2CDC102046M6801
CAD Dimensional Drawing	2CDC001079B0201
尺寸图	GJL1200448F0001

尺寸	
产品净宽	96.2 mm
产品净高	57.5 mm
产品净深	46.7 mm
产品净重	0.345 kg

技术参数	
极数	3
额定工作电压	Auxiliary Circuit 690 V AC Auxiliary Circuit 250 V DC 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 60 Hz Main Circuit 50 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	3
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 2.2 kW (400 V) Three Phase 4 kW (500 V) Three Phase 4 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 64 A
辅助触点NC数量	0
辅助触点NO数量	1
额定工作电流 AC-15 (I _e)	(440 V AC) 3 A (24 V) 4 A (120 V) 4 A (240 V) 4 A (500 V) 2 A (380 / 400 V) 3 A
额定工作电流 DC-13 (I _e)	(24 V) 2.5 A (110 V) 0.7 A (220 / 240 V) 0.4 A
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)	220 ... 240 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)

	(acc. to IEC 60947-4-1) for DC supply 0.85 ... 1.1 x U _c (at $\theta \leq 55\text{ }^{\circ}\text{C}$)
防护等级	Auxiliary Circuit Terminals IP20 Control Circuit Terminals IP20 Main Circuit Terminals IP20
污染等级	3
机械寿命	10000000 cycle
最小切换容量	Auxiliary Circuit 17 V Auxiliary Circuit 5 mA
最高电气切换频率	(AC-1) 300 cycles per hour (AC-15) 600 cycles per hour (AC-3) 600 cycles per hour (DC-1) 600 cycles per hour (DC-13) 600 cycles per hour (DC-3) 600 cycles per hour
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 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 5.8 A (200 V AC) Three Phase 4.8 A (220 ... 240 V AC) Three Phase 6.8 A (230 V AC) Single Phase 4.9 A (440 ... 480 V AC) Three Phase 4.8 A (550 ... 600 V AC) Three Phase 1.7 A
额定功率UL/CSA	(115 V AC) Single Phase 0.25 Hp (200 V AC) Three Phase 1 Hp (220 ... 240 V AC) Three Phase 2 Hp (230 V AC) Single Phase 0.5 Hp (440 ... 480 V AC) Three Phase 3 Hp (550 ... 600 V AC) Three Phase 1 Hp
通用等级UL/CSA	(300 V AC) 12 A
接触等级UL/CSA	A600

环境条件

周围环境温度	Operation -20 ... +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	1SBC100156C0263
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认证及声明（文件编码）

A2L Certificate – IEC	1SAA938000-4601
CB认证	1SAA938000-2002
CQC认证	CQC2003010304064033
cURus 认证	cUL_E191658
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
RMRS认证	1SAA938000-0704
UL认证	E191658-19880915

包装信息

1级包装单元	box 5 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	1.795 kg
1级包装 EAN	4013614413919

分类

对象分类代码	Q
ETIM 4	EC000066 - Magnet contactor, AC-switching
ETIM 5	EC000010 - Starter combination
ETIM 6	EC000010 - Combination of contactors
ETIM 7	EC000010 - Combination of contactors
ETIM 8	EC000010 - Combination of contactors
e级	V11.0 : 27371009
UNSPSC	39121529

分类

低压产品及系统 → 控制产品 → 接触器 → 微型接触器

