

PRODUCT-DETAILS

A185-30-22-80

A185-30-22 220-230V 50Hz / 230-240V 60Hz

Contactors



概要信息

产品型号	A185-30-22-80
产品ID	1SFL491001R8022
欧洲商品编号(EAN)	7320500209738
目录说明	A185-30-22 220-230V 50Hz / 230-240V 60Hz Contactor
详细描述	A 3-phase Contactor suitable for various applications such as Motor starting, Isolation, Bypass and Distribution application up to max 1000 V. Operated with control voltage, versions from 24...690 AC, 50 and 60 Hz

订货信息

最小起订量	1 piece
海关关税号	85364900
更换产品ID (新)	1SFL487002R1322

Popular Downloads

数据手册, 技术资料	1SBC100192C0206
说明书和手册	1SFC380003-89
尺寸图	53540923-7

尺寸

产品净宽	118 mm
产品净深	160 mm
产品净高	196 mm
产品净重	2.9 kg

技术参数

主触点NO数量	3
主触点NC数量	0
辅助触点NO数量	2
辅助触点NC数量	2
额定工作电压	Main Circuit 690 V
额定频率 (f)	Main Circuit 50 / 60 Hz
额定发热电流 (自由空气) (I_{th})	acc. to IEC 60947-4-1, Open Contactors q = 40 °C 275 A
额定工作电流 AC-1 (I_e)	(1000 V) 40 °C 200 A (1000 V) 55 °C 200 A (1000 V) 70 °C 180 A (690 V) 40 °C 275 A (690 V) 55 °C 250 A (690 V) 70 °C 180 A
额定工作电流 AC-3 (I_e)	(415 V) 55 °C 185 A (440 V) 55 °C 185 A (500 V) 55 °C 170 A (690 V) 55 °C 170 A (1000 V) 55 °C 95 A (380 / 400 V) 55 °C 185 A (220 / 230 / 240 V) 55 °C 185
额定工作功率 AC-3 (P_e)	(415 V) 90 kW (440 V) 90 kW (500 V) 110 kW (690 V) 132 kW (380 / 400 V) 90 kW (220 / 230 / 240 V) 55 kW
额定分断容量AC-3符合 IEC60497-4-1标准	8 x I_e AC-3
额定接通容量AC-3符合 IEC 60947-4-1标准	10 x I_e AC-3
短路保护设备	gG Type Fuses 355 A
额定不间断电流 (I_{cw})	at 40 °C Ambient Temp, in Free Air, from a Cold State 10 s 1500 A at 40 °C Ambient Temp, in Free Air, from a Cold State 15 min 320 A at 40 °C Ambient Temp, in Free Air, from a Cold State 1 min 800 A at 40 °C Ambient Temp, in Free Air, from a Cold State 1 s 2000 A at 40 °C Ambient Temp, in Free Air, from a Cold State 30 s 1000 A
最大分断容量	cos phi=0.45 (cos phi=0.35 for $I_e > 100$ A) at 440 V 2000 A cos phi=0.45 (cos phi=0.35 for $I_e > 100$ A) at 690 V 1600 A
最高电气切换频率	(AC-1) 300 cycles per hour (AC-2 / AC-4) 150 cycles per hour (AC-3) 300 cycles per hour
额定工作电流 DC-1 (I_e)	(110 V) 2 Poles in Series, 40 °C 275 A (220 V) 3 Poles in Series, 40 °C 275 A
额定工作电流 DC-3 (I_e)	(110 V) 2 Poles in Series, 40 °C 275 A (220 V) 3 Poles in Series, 40 °C 275 A
额定工作电流 DC-5 (I_e)	(110 V) 2 Poles in Series, 40 °C 275 A (220 V) 3 Poles in Series, 40 °C 275 A

额定绝缘电压 (U _i)	acc. to IEC 60947-4-1 and VDE 0110 (Gr. C) 1000 V acc. to UL/CSA 600 V
额定冲击耐受电压 (U _{imp})	Main Circuit 8 kV
机械寿命	5 million
最高机械切换频率	3600 cycles per hour
线圈操作极值	(acc. to IEC 60947-4-1) 0.85 x U _c Min. ... 1.1 x U _c Max. (at $\theta \leq 70^\circ\text{C}$)
额定控制电路电压 (U _c)	50 Hz 220 ... 230 V 60 Hz 230 ... 240 V
线圈功耗	Holding at Max. Rated Control Circuit Voltage 50 Hz 35 V·A Holding at Max. Rated Control Circuit Voltage 60 Hz 40 V·A Pull-in at Max. Rated Control Circuit Voltage 50 Hz 550 V·A Pull-in at Max. Rated Control Circuit Voltage 60 Hz 600 V·A
工作时间	Between Coil De-energization and NC Contact Closing 5 ... 10 ms Between Coil De-energization and NO Contact Opening 9 ... 13 ms Between Coil Energization and NC Contact Opening 8 ... 22 ms Between Coil Energization and NO Contact Closing 13 ... 27 ms
主电路连接容量	Bar 24 mm ² Rigid Al-Cable 25 ... 150 mm ² Rigid Cu-Cable 6 ... 185 mm ²
辅助电路连接容量	Flexible with Ferrule 1x 0.75 ... 2.5 mm ² Flexible with Insulated Ferrule 2x 0.75 ... 2.5 mm ² Flexible 1x0.75 ... 2.5 mm ² Solid 2 x 1 ... 4 mm ² Stranded 2 x 1 ... 4 mm ²
防护等级	acc. to IEC 60529, IEC 60947-1, EN 60529 Coil Terminals IP20 acc. to IEC 60529, IEC 60947-1, EN 60529 Main Terminals IP00
接线端子 (交付时断开) 主极	Flat type c/w screws and bolts
端子类型	Main Circuit: Bars

UL/CSA适用的技术参数

最高工作电压UL/CSA	Main Circuit 600 V
通用等级UL/CSA	(600 V AC) 250 A
额定功率UL/CSA	(200 V AC) Three Phase 50 hp (208 V AC) Three Phase 50 hp (220 ... 240 V AC) Three Phase 60 hp (440 ... 480 V AC) Three Phase 125 hp (550 ... 600 V AC) Three Phase 150 hp

环境条件

周围环境温度	Close to Contactor Fitted with Thermal O/L Relay (0.85 ... 1.1 U _c) -25 ... 50 °C Close to Contactor without Thermal O/L Relay (0.85 ... 1.1 U _c) -40 ... 70 °C Close to Contactor for Storage -40 ... +70 °C
允许的最高工作海拔	Without Derating 3000 m
抗机械冲击符合IEC 60068 -2-27标准	Shock Direction: A 5 g Shock Direction: B1 5 g Shock Direction: B2 5 g Shock Direction: C1 5 g Shock Direction: C2 5 g
RoHS状态	Following EU Directive 2011/65/EU

认证及声明 (文件编码)

BV认证	09826/C0 BV
------	-------------

CB认证	SE-69489
CQC认证	CQC2002010304011010 CQC2009010304353525
CSA 认证	314004
Declaration of Conformity - CCC	2020980304001633 2020980304001040
符合性声明 - CE	2CMT2015-005436
DNV认证	DNV_E-12191
环境信息	1SFC101002D0201
GL认证	GL_15529-00HH
说明书和手册	1SFC380003-89
LOVAG认证	SE9837127
LR认证	LR_12-70003
RINA认证	ELE060313XG/001
RMRS认证	RMRS_12-03683-315
RoHS信息	2CMT2015-005436

包装信息

1级包装单元	box 1 piece
1级包装宽度	178 mm
1级包装长度	232 mm
1级包装高度	167 mm
1级包装 总重	3.5 kg
1级包装 EAN	7320500209738

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 Granular Category Code (IGCC)	4755 >> Contactors

分类

低压产品及系统 → 控制产品 → 接触器 → 模块化接触器

