



PRODUCT-DETAILS

OT30F4N2
OT30F4N2 SWITCH-DISCONNECTOR



概要信息	
产品型号	OT30F4N2
产品ID	1SCA108347R1001
欧洲商品编号(EAN)	6417019416472
目录说明	OT30F4N2 SWITCH-DISCONNECTOR
详细描述	4-pole, front operated, base mounted, DIN-rail mountable switch-diconnector / non-fusible diconnect switch with front protected clamp terminals, handle and shaft are not included

ABB EcoSolutions	
环境信息	1SCC301183D0201
产品环境声明 - EPD	1SCC301280D0201

Material Compliance	
Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658

REACH Declaration	1SCC011021D0201
RoHS信息	1SCC011020D0201
RoHS状态	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
Toxic Substances Control Act - TSCA	1SCC011025D0201

Popular Downloads

数据手册, 技术资料	1SCC301020C0201
说明书和手册	1SCC301060M0004
机械制图	1SCC301468F0001 1SCC301467F0001 OT100-125F4N2.stp OT100-125F4N2.igs
产品环境声明 - EPD	1SCC301280D0201

环境条件

防护等级	Front IP20
环境信息	1SCC301183D0201
污染等级	3

订货信息

最小起订量	10 piece
海关关税号	85365080
原产地	Finland (FI)

尺寸

产品净宽	96.5 mm
产品净高	100 mm
产品净深	86 mm
产品净重	0.43 kg

包装信息

1级包装单元	box 1 piece
1级包装宽度	109 mm
1级包装长度	112 mm
1级包装高度	86 mm
1级包装 总重	0.46 kg
1级包装 EAN	6417019416472

技术参数

导线截面	Cu 2.5 ... 25 mm ²
主电路连接容量	Flexible 1x Cu 2.5...25 mm ² Stranded 1x Cu 2.5...25 mm ²
防护等级	Front IP20
两相之间距离	Standard
第四个极位	Right Side

第四个极点类型	Switched - Simultaneous Function
Handle Color	Black
手柄类型	Knob Handle and shaft not included
Lock Type	No
机械寿命	20000
安装类型	Base mounting
极数	4P
操作模式	Front operated
污染等级	3
导线端子位置	Top In - Bottom Out Bottom In - Top Out
功率损耗	at Rated Operating Conditions per Pole 0.7 W
额定限制短路电流 (I _{nc})	(125 A fuse, 415 V) 50 kA (125 A fuse, 690 V) 10 kA (63 A fuse, 690 V) 50 kA
额定冲击耐受电压 (U _{imp})	8 kV
额定绝缘电压 (U _i)	acc. to IEC/EN 60664-1 750 V
额定工作电流 AC-21A (I _e)	(380 ... 415 V) 40 A (500 V) 40 A (690 V) 40 A
额定工作电流 AC-22A (I _e)	(380 ... 415 V) 40 A (500 V) 40 A (690 V) 40 A
额定工作电流 AC-23A (I _e)	(380 ... 415 V) 40 A (500 V) 40 A (690 V) 40 A
额定工作功率 AC-23A (P _e)	(380 ... 415 V) 18.5 kW (500 V) 22 kW (690 V) 37 kW
额定工作电压	Main Circuit 750 V
额定短路接通容量 (I _{cm})	(690 V) 3.6 kA
额定不间断电流 (I _{cw})	for 1 s 2.5 kA
推荐的螺丝刀	Main Circuit Hexagon 4
特殊功能	No
标准	IEC 60947-3 / UL 98 / CSA C22.2 NO.4
开关操作机构	Mechanism on Top of the Switch
端子类型	Screw Terminals
拧紧力矩	acc. IEC 60947-1 6.2 N·m
剥线长度	Main Circuit 17-18 mm

UL/CSA适用的技术参数

最高工作电压UL/CSA	600 V
额定电流UL/CSA	30 A
额定功率UL/CSA	(110 ... 120 V AC) Single Phase 2 Hp (240 V AC) Single Phase 5 Hp (220 ... 240 V AC) Three Phase 10 Hp (440 ... 480 V AC) Three Phase 20 Hp (550 ... 600 V AC) Three Phase 30 Hp
Wire Size	1x 12-2/0 AWG 2x 12-4 AWG
剥线长度	Main Circuit 17-18 mm
推荐的螺丝刀	Main Circuit Hexagon 4
拧紧力矩	acc. IEC 60947-1 6.2 N·m
拧紧力矩UL/CSA	55 in·lb

认证及声明（文件编码）

A2L Certificate – IEC	1SCC301335D0201
ATEX认证	No certification needed
符合性声明 - CE	1SCC301010D0201
UL认证	cULus certificate OT30-125
VDE认证	No certification needed

分类

对象分类代码	Q
ETIM 8	EC000216 - Switch disconnecter
ETIM 9	EC000216 - Switch disconnecter (low voltage)
e级	V11.1 : 27371403
WEEE 类别	5. Small Equipment (No External Dimension More Than 50 cm)
E-Number (Finland)	3601468

分类

低压产品及系统 → 开关类产品 → 隔离开关

