

KRIPAL



Series PV DC Isolator UKPD32

系列光伏直流隔离开关

UKPD32系列光伏直流隔离开关



Product overview

产品概述

UKPD32系列光伏直流隔离开关最大额定电压DC1200V，最大额定电流32A，广泛应用于组串式光伏逆变器、控制器、1-4回路汇流箱等设备中，为光伏系统直流侧提供电气隔离及控制保护，可带载操作。

UKPD32 photovoltaic dc series isolating switch DC1200V maximum rated voltage, rated current up to 32 a, widely used in series connected PV inverter, controller, 1-4loops of busbar box and etc, to provide the function of isolation and control for DC side of PV system, it can be operat with electric load.

Model specification

型号说明

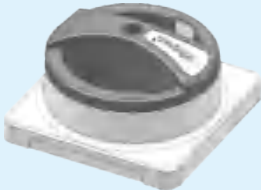
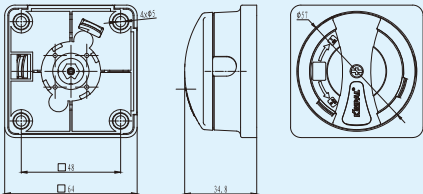
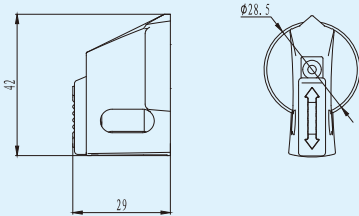
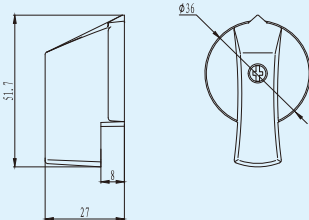
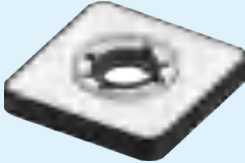
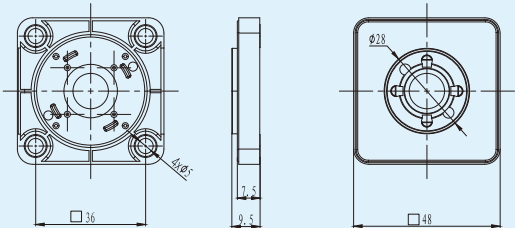
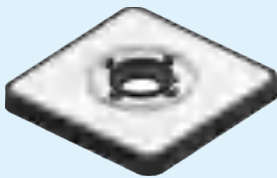
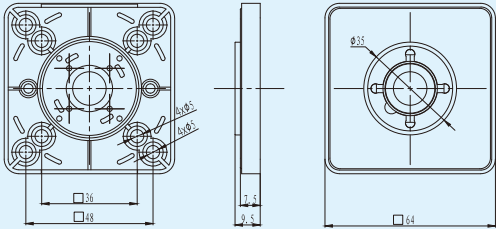
UK	PD	32	□	□	□	□	□
↓	↓	↓	↓	↓	↓	↓	↓
制造商代号 Manufacturers code	产品代号 product code	框架最大电流 Maximum Rated Amp	5种安装 Maximum Rated Amp	钮子/手柄 Toggles/handle	钮子/手柄 颜色 Toggles/handle color	面板 panel	面板颜色 Panel color
科瑞普电气 Kripal	直流隔离开关 Dc isolator	32A	四孔安装 E Mounted via 4 holes 单孔安装 Z(O) Mounted via 1 holes 后部安装 VZV rear installation 组合开关 SMA combined switch 表面安装 PFL Surface Installed	B1 47.5*28.5 B2 52*15 B3 □ 57*28	1 黑色 black 2 红色 red	P1 48*48 P2 64*64	1 黑色 black 3 黄色 yellow

Technical parameters

技术参数

电气特性 Characteristics		
功能 function		隔离、控制 Isolation, control,
标准 standard		IEC60947-3, DC-21B
极数 Pole number		4P
框架最大电流 Maximum Rated Amp		32A
额定工作电压 Rated Voltage	Ue	1200V DC
额定电流 Rated Amp	In	16A/25A/32A
额定绝缘电压 The rated insulation voltage	Ui	1200V DC
额定冲击电压 The rated impulse voltage	Uimp	8KV
使用寿命 The service life		
机械寿命 Mechanical life		20000
电气寿命 Electrical life		500
安装和注意 Installation and Notice		
接线座螺丝规格 Cap Spec.		M4
螺丝拧紧力矩 Screw torque	Nm	2.5
外接线规格 Cross Wire	mm ²	4-16
保护等级 Protection level		IP66
环境温度 The environment temperature		-25℃~+85℃

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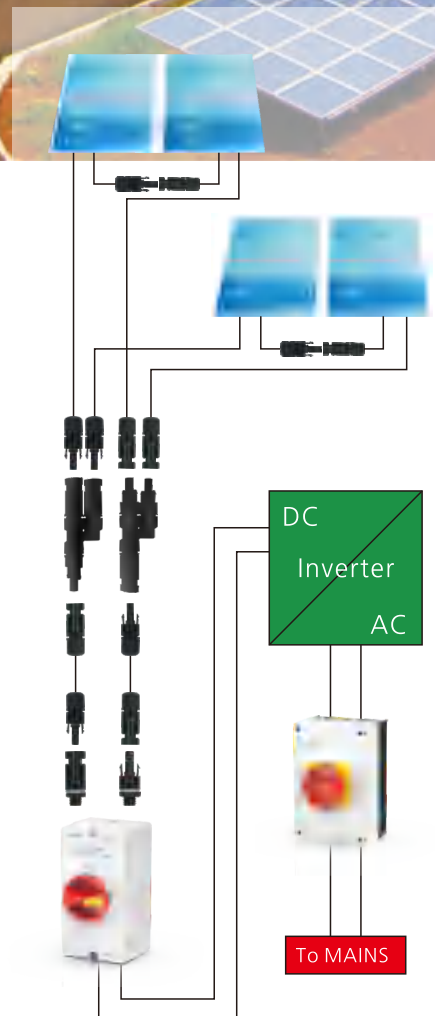
手柄代码 Handle code	颜色代码 color code	尺寸 size
1	1 黑色 2 红色	
2	1 黑色 2 红色	
3	1 黑色 2 红色	
面板代码 Panel code	尺寸 size	
1		
2		



光伏直流隔离开关

- UKPD32 rated voltage 1200VDC
- Surface mounted.
- Anti-flame
- Arc extinguishing time <3ms
- IEC60947 TUV Certified
- 4 Poles (joint-able)
- DC-21B:16A,25A,32A,1200VDC

- UKPD32额定电压1200VDC
- 表面安装
- 阻燃
- 灭弧时间<3ms
- 产品符合IEC60947-3标准
- 4极(可选择多种接线方式)
- DC-21B:16A,25A,32A,1200VDC



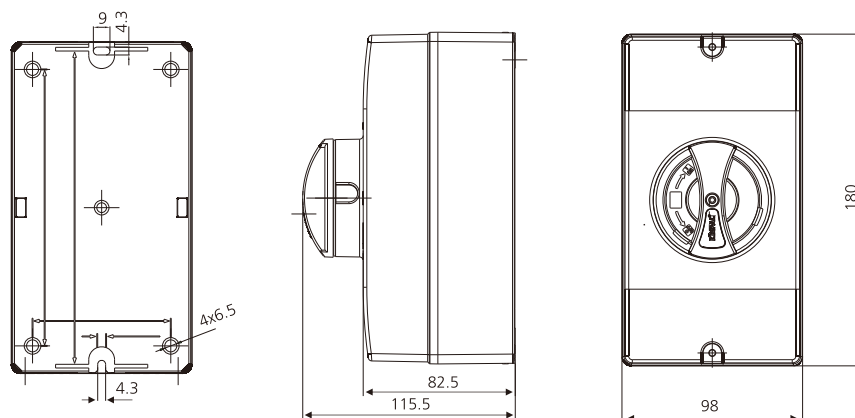
Series Isolator

系列光伏直流隔离开关

PV DC

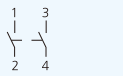
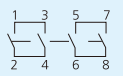
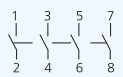
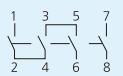
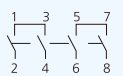
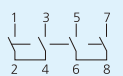
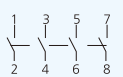
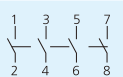
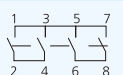
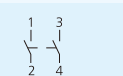
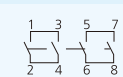
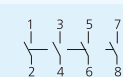
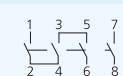
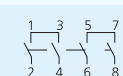
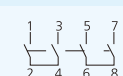
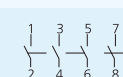
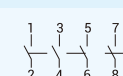
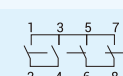
型号 Type	2极 2-pole	2极并联 2+2-pole 2 poles in series +2 poles parallel	4极 4-pole	4极跳线 输入上面、输出底部 4-pole with jumpers Input on top output bottom	4极跳线 输入和输出底部 4-pole with jumpers Input and output bottom
UKPD32-16	.. A2	.. A2+2	..A4(2xA2)	..A4B	..A4O
UKPD32-25	.. A2	.. A2+2	..A4(2xA2)	..A4B	..A4O
UKPD32-32	.. A2	.. A2+2	..A4(2xA2)	..A4B	..A4O
接线图 Wiring Diagram					
转换示例 Switching example					

型号 Type	4极跳线 输入和输出上 4-pole with jumpers Input and output on top	6极 6-pole	3+2极串联 3极 2极并联 3+2-pole 3 poles in series +2 poles parallel	8极 8-pole	4+2极串联 3极 2极并联 4+2-pole 3 poles in series +2 poles parallel
UKPD32-16	..A4U	... A6	..A3+2	... A8	..A4+2
UKPD32-25	..A4U	... A6	..A3+2	... A8	..A4+2
UKPD32-32	..A4U	... A6	..A3+2	... A8	..A4+2
接线图 Wiring Diagram					
转换示例 Switching example					



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接线图 Wiring Diagram	DC21B/DC-PV1		两极串联 Poles in series	数字数量 Number of strings	型号 Type	件数 Pack pcs	重量 Weight kg/pcs.
	600V DC	1000V DC					
	16A	10A	2	1	UKPD32-16 A2	1	0.20
	25A	11.5A	2	1	UKPD32-25 A2	1	0.20
	32A	13A	2	1	UKPD32-32 A2	1	0.20
	29A	10A	2	1	UKPD32-16 A2+2	1	0.25
	36A	11.5A	2	1	UKPD32-25 A2+2	1	0.25
	55A	13A	2	1	UKPD32-32 A2+2	1	0.25
	16A	10A	2	2	UKPD32-16 A4	1	0.23
	25A	11.5A	2	2	UKPD32-25 A4	1	0.23
	32A	13A	2	2	UKPD32-32 A4	1	0.23
	16A	16A	4	1	UKPD32-16 A4B	1	0.24
	25A	25A	4	1	UKPD32-25 A4B	1	0.24
	32A	32A	4	1	UKPD32-32 A4B	1	0.24
	16A	16A	4	1	UKPD32-16 A4O	1	0.24
	25A	25A	4	1	UKPD32-25 A4O	1	0.24
	32A	32A	4	1	UKPD32-32 A4O	1	0.24
	16A	16A	4	1	UKPD32-16 A4U	1	0.24
	25A	25A	4	1	UKPD32-25 A4U	1	0.24
	32A	32A	4	1	UKPD32-32 A4U	1	0.24
	16A	10A	2	3	UKPD32-16 A6	1	0.36
	25A	11.5A	2	3	UKPD32-25 A6	1	0.36
	32A	13A	2	3	UKPD32-32 A6	1	0.36
	16A	10A	2	4	UKPD32-16 A8	1	0.41
	25A	11.5A	2	4	UKPD32-25 A8	1	0.41
	32A	13A	2	4	UKPD32-32 A8	1	0.41
	29A	29A	4	1	UKPD32-16 A4+2	1	0.46
	45A	45A	4	1	UKPD32-25 A4+2	1	0.46
	58A	58A	4	1	UKPD32-32 A4+2	1	0.46
	16A	10A	2	1	UKPD32-16 A2	1	0.21
	25A	11.5A	2	1	UKPD32-25 A2	1	0.21
	32A	13A	2	1	UKPD32-32 A2	1	0.21
	29A	10A	2	1	UKPD32-16 A2+2	1	0.26
	36A	11.5A	2	1	UKPD32-25 A2+2	1	0.26
	55A	13A	2	1	UKPD32-32 A2+2	1	0.26
	16A	10A	2	2	UKPD32-16 A4	1	0.23
	25A	11.5A	2	2	UKPD32-25 A4	1	0.23
	32A	13A	2	2	UKPD32-32 A4	1	0.23
	16A	16A	4	1	UKPD32-16 A4B	1	0.25
	25A	25A	4	1	UKPD32-25 A4B	1	0.25
	32A	32A	4	1	UKPD32-32 A4B	1	0.25
	16A	16A	4	1	UKPD32-16 A4O	1	0.25
	25A	25A	4	1	UKPD32-25 A4O	1	0.25
	32A	32A	4	1	UKPD32-32 A4O	1	0.25
	16A	16A	4	1	UKPD32-16 A4U	1	0.25
	25A	25A	4	1	UKPD32-25 A4U	1	0.25
	32A	32A	4	1	UKPD32-32 A4U	1	0.25
	16A	10A	2	3	UKPD32-16 A6	1	0.38
	25A	11.5A	2	3	UKPD32-25 A6	1	0.38
	32A	13A	2	3	UKPD32-32 A6	1	0.38
	16A	10A	2	4	UKPD32-16 A8	1	0.43
	25A	11.5A	2	4	UKPD32-25 A8	1	0.43
	32A	13A	2	4	UKPD32-32 A8	1	0.43
	29A	29A	4	1	UKPD32-16 A4+2	1	0.48
	45A	45A	4	1	UKPD32-25 A4+2	1	0.48
	58A	58A	4	1	UKPD32-32 A4+2	1	0.48