

## Popular Products for Solar PV

### DC SOLAR CABLE 1500V DC IEC 62930 TUV EN 50618

# RALOS

#### ELECTRON BEAM CROSS-LINKED

PV DC string cable - single core

Part No.	Description
RC1C4-100	1X4mm SDI Solar IEC 62930 (100m)
RC1C4-500	1X4mm SDI Solar IEC 62930 (500m)
RC1C4-1000	1X4mm SDI Solar IEC 62930 (1000m)
RC1C6-500	1X6mm SDI Solar IEC 62930 (500m)
RC1C6-1000	1X6mm SDI Solar IEC 62930 (1000m)
RC1C10-500	1X10mm SDI Solar IEC 62930 (500m)



#### ELECTRON BEAM CROSS-LINKED

PV DC string cable - single core

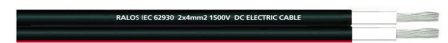
Part No.	Description
RC1C16-1000	1x16mm SDI Solar IEC 62930 (1000m)
RC1C25-500	1x25mm SDI Solar IEC 62930 (500m)
RC1C35-500	1x35mm SDI Solar IEC 62930 (500m)



#### ELECTRON BEAM CROSS-LINKED

PV DC string cable - twin core

Part No.	Description
RC2C4-100	2x4mm TWIN Solar IEC 62930 (100m)
RC2C4-500	2x4mm TWIN Solar IEC 62930 (500m)
RC2C6-100	2x6mm TWIN Solar IEC 62930 (100m)
RC2C6-500	2x6mm TWIN Solar IEC 62930 (500m)
RC2C10-100	2x10mm TWIN Solar IEC 62930 (100m)
RC2C10-500	2x10mm TWIN Solar IEC 62930 (500m)



### SOLAR CONNECTORS

#### GENUINE MC4 CONNECTOR SYSTEM



#### PV-KBT4 Range

Female (socket) Cable Coupler	Conductor size (mm <sup>2</sup> )	Cable OD clamping range (mm)	Current rating (A)
32.0010P0001	2.5	5.0 - 6.0	22.5
32.0014P0100	4 - 6	5.0 - 6.0	39
32.0014P0010	4 - 6	5.0 - 6.0	39
32.0016P0001	4 - 6	5.9 - 8.8	39
32.0016P0010	4 - 6	5.9 - 8.8	39
32.0034P0001	10	5.9 - 8.8	45



#### PV-KST4 Range

Male (plug) Cable Coupler	Conductor size (mm <sup>2</sup> )	Cable OD clamping range (mm)	Current rating (A)
32.0011P0001	2.5	5.0 - 6.0	22.5
32.0015P0100	4 - 6	5.0 - 6.0	39
32.0015P0010	4 - 6	5.0 - 6.0	39
32.0017P0001	4 - 6	5.9 - 8.8	39
32.0017P0010	4 - 6	5.9 - 8.8	39
32.0035P0001	10	5.9 - 8.8	45

#### MC4 BRANCH PLUGS



#### PV-ADB4 Range Female Panel Receptacle

32.0076P0001	2.5mm <sup>2</sup> conductor
32.0078P0001	4-6mm <sup>2</sup> conductor
32.0107P0001	Socket Pin



#### PV-ADSP4 Range Male Panel Receptacle

32.0077P0001	2.5mm <sup>2</sup> conductor
32.0079P0001	4-6mm <sup>2</sup> conductor
32.0507P0001	Plug pin

## SOLAR CONNECTORS



### CABLE EXTENSIONS, WHIPS AND JUMPERS

Genuine MC4 Connectors, IEC 62930 TUV EN 50618 DC Solar Cable



Pre-assembled leads	4mm <sup>2</sup> leads	6mm <sup>2</sup> leads
2 metres	XPMC4-4/2M	XPMC4-6/2M
5 metres	XPMC4-4/5M	XPMC4-6/5M
8 metres	XPMC4-4/8M	XPMC4-6/8M
10 metres	XPMC4-4/10M	XPMC4-6/10M
12 metres	XPMC4-4/12M	XPMC4-6/12M
15 metres	XPMC4-4/15M	XPMC4-6/15M

Custom lengths also available.

### GENUINE MC4-EVO 2A CONNECTOR SYSTEM

IEC 62852 Approved, 1500V DC



**PV-KBT4-EVO 2A Range**

Female (socket) Cable Coupler	Conductor size (mm <sup>2</sup> )	Cable OD clamping range (mm)	Current rating (A)
32.0316P0100	4 - 6	4.7 - 6.4	45 - 53
32.0316P0010	4 - 6	4.7 - 6.4	45 - 53
32.0320P0100	4 - 6	6.4 - 8.4	45 - 53
32.0324P0001	10	6.4 - 8.4	69



**PV-KST4-EVO 2A Range**

Male (plug) Cable Coupler	Conductor size (mm <sup>2</sup> )	Cable OD clamping range (mm)	Current rating (A)
32.0317P0100	4 - 6	4.7 - 6.4	45 - 53
32.0317P0010	4 - 6	4.7 - 6.4	45 - 53
32.0321P0100	4 - 6	6.4 - 8.4	45 - 53
32.0325P0001	10	6.4 - 8.4	69



**PV-ADB4-EVO 2A**

Female (socket) Cable Coupler	Conductor size (mm <sup>2</sup> )	Current rating (A)
32.0346P0001	4 - 6	42A 4.0mm <sup>2</sup> 47A 6.0mm <sup>2</sup>
32.0121P0001	Socket pin	



**PV-ADS4-EVO 2A**

Male (plug) Cable Coupler	Conductor size (mm <sup>2</sup> )	Current rating (A)
32.0347P0001	4 - 6	42A 4.0mm <sup>2</sup> 47A 6.0mm <sup>2</sup>
32.0521.P0001	Plug pin	



**PV-AZB-EVO 2**

Branch socket
32.0196 2 x Female - 1 x Male



**PV-AZS-EVO 2**

Branch plug
32.0197 2 x Male - 1 x Female



A growing number of suspect copies of Staübli's MC4 Solar components have recently appeared on the market. Stringent testing\* has revealed substantial deficiencies in quality resulting in compromised safety and impaired system performance.

\*A temperature increase test by the TÜV Rheinland with copied PV connectors from various manufacturers showed significant differences in higher temperature. This was in stark contrast to the excellent results of the MC4-PV connectors.



**SOLAR CONNECTORS**



**SAFETY LOCK CLIP MC4**



Part No.	Description
32.5280	PV-SSH4 Lock Clip

**MC4 SEALING CAPS**



Part No.	Description
32.0716	Suits female
32.0717	Suits male

**OPEN END SPANNER (PAIR)**



Part No.	Description
32.6024	MC4 PV-MS Spanner
32.6058	MC4 EVO 2 PV-MS Spanner
32.6066	MC4 EVO 2 Unlocking Tool

**TOOLING**



**Stripping pliers**

Part No.	Description
32.6027	PV-AZM Stripping Pliers



**MC4 crimp tool (includes locator and insert)**

Part No.	Description
32.6020.60100	Desc. MC4/MC4 EVO 2 4, 6, 10 mm <sup>2</sup> Crimp Tool



**Low cost MC4 crimp tool**

Part No.	Description
32.6025	2.5, 4, 6mm <sup>2</sup> crimp tool

**ENCLOSURES AND ACCESSORIES**

**UV RESISTANT IP65 CONSUMER UNITS**



Description	4 Poles	8 Poles	12 Poles	18 Poles	24 Poles	36 Poles
Dimensions (mm)	127 x 200 x 120	200 x 200 x 120	318 x 258 x 142	259 x 428 x 142	318 x 383 x 142	318 x 507 x 142
No. of poles	4	8	12	18	24	36
Part No.	N4D	N8D	N12D	N18D	N24D	N36D
Key lock to suit	LOCKDP	LOCKDP	LOCKDP	LOCKDP	LOCKDP	LOCKDP
ENB to suit	-	-	103547	103547	103547	103547

**BLACK POLYESTER COATED STAINLESS STEEL CABLE TIES**  
316 grade stainless steel



Part No.	Length (mm)	Width (mm)	Part No.	Length (mm)	Width (mm)	Part No.	Description
TS1-4-46200-316C	200	4.6	TS1-4-46200-316C	200	4.6	HT-338	Cable Tie Gun
TS1-4-46360-316C	360	4.6	TS1-4-46360-316C	360	4.6		
TS1-4-79200-316C	200	7.9	TS1-4-79200-316C	200	7.9		
TS1-4-79360-316C	360	7.9	TS1-4-79360-316C	360	7.9		

## IN-LINE FUSE ASSEMBLY

### PV-K/ILF IN-LINE FUSE ASSEMBLY 1500V DC

Part No.	Description
1500ILF15	IN-LINE FUSE 1500V DC 15A MC4 EVO2A lead length 55cm
1500ILF20	IN-LINE FUSE 1500V DC 20A MC4 EVO2A lead length 55cm
1500ILF25	IN-LINE FUSE 1500V DC 25A MC4 EVO2A lead length 55cm
1500ILF30	IN-LINE FUSE 1500V DC 30A MC4 EVO2A lead length 55cm

Multi-Contact **MC**  
STÄUBLI GROUP

**STÄUBLI**



## CHANGE-OVER SWITCHES AND FUSING

### CHANGE-OVER SWITCHES

Part No.	Description	Pack Qty
850123	Change-Over Switch Ex9BT3G, 25A, 1CO	12
850127	Change-Over Switch Ex9BT3G, 25A, 2CO	6
850125	Change-Over Switch Ex9BT3G, 40A, 1CO	12
850129	Change-Over Switch Ex9BT3G, 40A, 2CO	6
850137	Change-Over Switch Ex9BT3G, 40A, 4CO	3
850188	Change-Over Switch Ex9BT3G, 63A, 1CO	12
850189	Change-Over Switch Ex9BT3G, 63A, 2CO	6
850191	Change-Over Switch Ex9BT3G, 63A, 4CO	3



**NOARK**

### NOARK FUSE CARRIERS



Includes  
LED  
Indicator

#### Part No. Description

101766	Ex9FP single pole PV Fuse Holder 1000VDC
101767	Ex9FP Double Pole PV Fuse Holder 1000VDC

## DC CIRCUIT BREAKERS

### 360V AND 720V DC MINIATURE CIRCUIT BREAKERS - NON-POLARISED

Part No.	Description	Current, A
84449	Ex9BP 2P DC360V K10 IEC	10
84450	Ex9BP 2P DC360V K16 IEC	16
84451	Ex9BP 2P DC360V K20 IEC	20
84452	Ex9BP 2P DC360V K25 IEC	25
84453	Ex9BP 2P DC360V K32 IEC	32
84454	Ex9BP 2P DC360V K40 IEC	40
84455	Ex9BP 2P DC360V K50 IEC	50
84456	Ex9BP 2P DC360V K63 IEC	63



2P

84475	Ex9BP 4P DC720V K10 IEC	10
84476	Ex9BP 4P DC720V K16 IEC	16
84477	Ex9BP 4P DC720V K20 IEC	20
84478	Ex9BP 4P DC720V K25 IEC	25
84479	Ex9BP 4P DC720V K32 IEC	32
84480	Ex9BP 4P DC720V K40 IEC	40
84481	Ex9BP 4P DC720V K50 IEC	50
84482	Ex9BP 4P DC720V K63 IEC	63



### AUXILIARY ALARM

Part No.	Description
86201	Auxiliary contact 3111



### HIGH CURRENT MOULDED CASE CIRCUIT BREAKERS - NON-POLARISED

Part No.	Description	Current, A
852894	EX9MD1B TM DC80 2P	80
852895	EX9MD1B TM DC100 2P	100
852896	EX9MD1B TM DC125 2P	125
852899	EX9MD2B TM DC160 2P	160
852900	EX9MD2B TM DC180 2P	180
852901	EX9MD2B TM DC200 2P	200
852902	EX9MD2B TM DC250 2P	250
852722	EX9MD3B TM DC315 3P	315
852724	EX9MD3B TM DC400 3P	400
852762	EX9MD4B TM DC500 3P	500
852763	EX9MD4B TM DC630 3P	630
852792	EX9MD5B TM DC700 3P	700
852793	EX9MD5B TM DC800 3P	800



### MCCB ENCLOSURE

Part No.	Description
WPB	Suitable for 80A - 250A Frame Size 1 and 2



**NOARK**