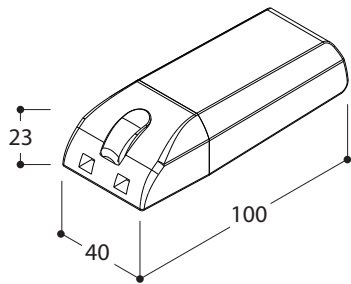
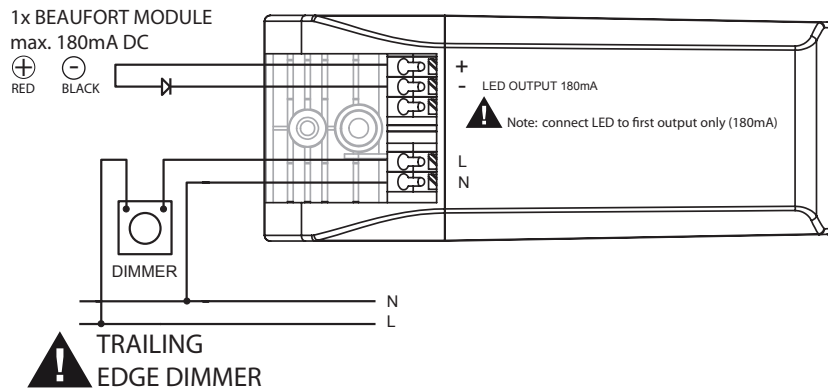


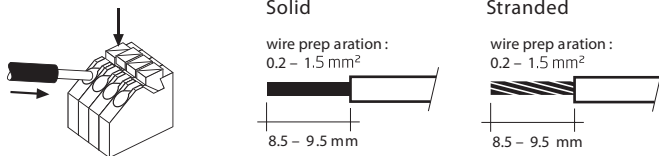
ref 930544  
 name POWERLED CONVERTOR REMOTE 7,2W 180mA MAINS DIMM C



### Wiring diagram



### Wiring of device



### Strain relief

The strain relief inserts can be removed to accommodate wiring of larger diameters.

### Specific technical data

Type	Efficiency at full load	Output current	Output voltage range	Open circuit voltage output	Max. output power	Dimming
930544	80 %	180 mA	20 - 40 Vdc	50 Vdc	12 W	Mains, trailing edge

### Technical data

Rated supply voltage	230 - 240 Vac
Input voltage	230 - 240 Vac
Mains frequency	50 / 60 Hz
Output current tolerance	5 %
Power factor at full load	0.9
Nominal line current at 240 Vac	68 mA
Dimming method	trailing edge
Minimum dim level	subject to dimmer used
Output voltage setting time	1 second
Output isolation	SELV
Surge protection (diff. / comm.)	2 kV / 6 kV
IP classification	IP 20
Circuit lifetime	50,000 hrs at Tc max.
Case dimensions	99 x 39 x 23 mm



### Compatible Dimmerlist

Manufacturer(*)	Dimmer	Note	Minimum LED-Load	Minimum Dim-range	Stability
BERKER	286710	(same as Insta 51190)	2.5 Watt	20%	OK
BERKER	-	(same as Insta 53128 R)	-	25%	NOT STABLE
BUSCH J	6513U-102		7.5 Watt	20%	OK
ELARI	ATD 315		2.5 Watt	20%	OK
ELARI	ATD 600R		7.5 Watt	20%	OK
EPV	PAB 315		2.5 Watt	20%	OK
GIRA	-	(same as Insta 51190)	2.5 Watt	20%	OK
GIRA	-	(same as Insta 53128 R)	-	25%	NOT STABLE
INSTA	51190		2.5 Watt	20%	OK
INSTA	53128 R		-	25%	NOT STABLE
INSTA	FUNK 576650 22		10 Watt	30%	OK
INSTA	51040		2.5 Watt	20%	OK
JUNG	1254 UDE	(same as Insta 53128 R)	-	25%	NOT STABLE
JUNG	225TDE		2.5 Watt	20%	OK
LUTRON	LPRPM-4A		2.5 Watt	15%	OK
LUTRON	GRAFIK INTEGRAL GXI		2.5 Watt	15%	OK
OPUS	852395		2.5 Watt	30%	OK
PEHA	433HAB		2.5 Watt	20%	OK
SCHNEIDER	ATD 315		2.5 Watt	20%	OK
SCHNEIDER	600R		7.5 Watt	20%	OK
SIEMENS	5 TC8 284		7.5 Watt	15%	OK

(\*Any other dimmer brand has to be tested by installer)

### Inrush current

Mains max. peak inrush at full load	0.7 A
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### Maximum number of drivers on automatic circuit breakers (excluding dimmer loading)

Automatic circuit breaker type	C10	C13	C16	C20	B10	B13	B16	B20
930544	53	68	84	105	40	49	60	75

### Thermal specifications

Ambient temperature range (Ta)	-20 to 45°C
Maximum case temperature (Tc)	< 85°C
Storage temperature range	-20 to 50°C



Always disconnect the mains of the converter before plugging or unplugging the LEDs!