



## ERC-1TX-4CO

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26  
D-32758 Detmold  
Germany

[www.weidmueller.com](http://www.weidmueller.com)

## Technical data

## Dimensions and weights

Depth	72.9 mm	Depth (inches)	2.8701 inch
Height	90 mm	Height (inches)	3.5433 inch
Width	53.8 mm	Width (inches)	2.1181 inch
Length	54 mm	Length (inches)	2.126 inch
Net weight	150 g		

## Temperatures

Storage temperature	-25 °C...70 °C	Operating temperature	-25 °C...55 °C
Humidity	0...95 % (no condensation)		

## General data

Corresponds to § 14a EnWG	Yes	Corresponds to §9 EEG	Yes
Corresponds to VDE FNN	Yes	Altitude	≤ 2000 m
LED indicator available	Yes	Webserver available	Yes
Type of device firmware update	Local (via device webserver), Remote (via Weidmüller server)		

## Housing

Protection class	II	Protection degree	IP30
Type of mounting	DIN rail	Mounting depth	73 mm

## Power supply

Operating voltage	230V AC -20% + 15%	Power consumption, typ.	4 W
Frequency	50 Hz	Frequency range, min.	42.5 Hz
Frequency range, max.	62.5 Hz	Output voltage DC for Weidmüller Ethernet switch	5 V
Output current for Weidmüller Ethernet switch, max.	200 mA		

## Relay

Number of relay outputs	4	Max. switching voltage, AC	250 V
Switching current, max.	6 A	Conductor cross-section, max.	6 mm <sup>2</sup>

## Communication

Bus system	EEBUS	Interface	Ethernet
Bus line connection via	RJ45-Port	Ethernet port available	Yes

## Classifications

ETIM 8.0	EC001097	ETIM 9.0	EC001097
ETIM 10.0	EC001097	ECLASS 14.0	27-14-31-25
ECLASS 15.0	27-14-31-25		

Drawings



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## Accessories

### 6kV Patchcords extra slim white and orange



Pre-assembled cables with 2x RJ45 in IP20, suitable for smart metering applications, Cat.6 Microline - extra thin (AWG30), unshielded, for tight spaces, other colors on request

#### General ordering data

Type	IE-C6NO8LW0002S40S40-W...	Version
Order No.	<a href="#">3109120002</a>	Patch cable Mircoline, RJ45 IP 20, RJ45 IP 20, Cat. 6, LSZH, 0.2 m, ,
GTIN (EAN)	4099987 186407	straight, 6 kV
Qty.	1 ST	
Type	IE-C6NO8LW0005S40S40-W...	Version
Order No.	<a href="#">3109120005</a>	Patch cable Mircoline, RJ45 IP 20, RJ45 IP 20, Cat. 6, LSZH, 0.5 m, ,
GTIN (EAN)	4099987 186438	straight, 6 kV
Qty.	1 ST	
Type	IE-C6NO8LW0010S40S40-W...	Version
Order No.	<a href="#">3109120010</a>	Patch cable Mircoline, RJ45 IP 20, RJ45 IP 20, Cat. 6, LSZH, 1 m, ,
GTIN (EAN)	4099987 186452	straight, 6 kV
Qty.	1 ST	

### Cables



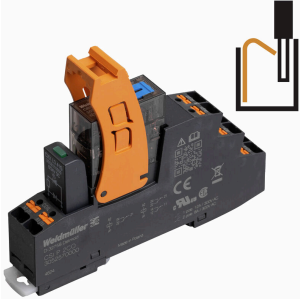
Base counter, gateway, control box and overvoltage protection device are connected with pre-assembled cable sets as point-to-point or Y-assembly. Weidmüller offers the right connection solutions for this, conforming to FNN and DIN-VDE 0603 standards. Pre-assembled power cables with 6kV overvoltage protection round up the portfolio.

#### General ordering data

Type	CH-SMR-00.33-YCC90 VPE 10	Version
Order No.	<a href="#">2924960033</a>	Smart Metering Cable Assemblies, 6 kV, IP30, in plugged and
GTIN (EAN)	4099986795617	mounted condition, 300 V, Li9YH 1 x 0,75,
Qty.	10 ST	
Type	CH-SMR-00.60-ECB90 VPE 10	Version
Order No.	<a href="#">2924890060</a>	Smart Metering Cable Assemblies, 6 kV, IP30, in plugged and
GTIN (EAN)	4099986795686	mounted condition, 300 V, Li9YH 1 x 0,75, 0.6 m
Qty.	10 ST	

## Accessories

### PUSH IN connection



Relay sockets with PUSH IN connection for quick installation

### General ordering data

Type	CRIKIT P 230VAC 2CO L	Version	
Order No.	<a href="#">3137420000</a>	CUBESERIES, Relay module, Number of contacts: 2, CO contact AgNi,	
GTIN (EAN)	4099987361880	Rated control voltage: 230 V AC, Continuous current: 8 A, PUSH IN,	
Qty.	10 ST	Test button available: No	