

**IE-C5ES8VO0005N40N40-O-K6KV****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

**Product image**

Assembled cables with 2x RJ45, suitable for smart metering applications, different colors in accordance with DIN VDE 0603-100. Short plugs and cables with small bending radius for tight spaces, plug housing with circumferential insulation allow protection class IP30 in mated condition.

**General ordering data**

Version	Patch cable, RJ45 IP30 (plugged), RJ45 IP30 (plugged), Cat.5 (ISO/IEC 11801) / Cat.5e (TIA T568-B), PVC, 0.5 m, , straight, 6 kV
Order No.	<a href="#">2814850005</a>
Type	IE-C5ES8VO0005N40N40-O-K6KV
GTIN (EAN)	4064675301868
Qty.	1 pc(s).

Creation date December 5, 2023 8:48:19 AM CET

Catalogue status 24.11.2023 / We reserve the right to make technical changes.

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**Technical data****Dimensions and weights**

Length	0.5 m	Length (inches)	19.685 inch
Net weight	30 g		

**Temperatures**

Operating temperature	-20 °C...70 °C	Installation temperature	0 °C...50 °C
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**Electrical properties**

Operating voltage	125 V	PoE / PoE+	conforming to IEEE 802.3at
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**General standards**

Application-specific communication cable facilities	VDE-AR-N 4100:2019-04	Connector standard	IEC 60603-7-51
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**Standards**

Connector standard	IEC 60603-7-51
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**Cable structure**

Cable layout	Double insulation according to VDE 0603-100	Colour coding	white / blue, white / orange, white / green, white / brown
Complete shielding	Shielding braid made from copper wiring, Aluminium foil	Cross-section	4x2xAWG 26/7. 4x2x0.128 mm <sup>2</sup>
Insulation	PE	Insulation cross-section	1 mm
Material sheath	PVC	Number of wires	8
Sheath diameter	5.5 mm	Sheathing colour	orange
Shielding	SF/UTP		

**Electrical properties of cable**

Category	Cat.5 (ISO/IEC 11801) / Cat.5e (TIA T568-B)	Operating voltage	125 V
Rated impulse withstand voltage	6 kV	Signal propagation time	5.1 ns/m

**Mechanical and material properties of cable**

Bending radius	4 x cable diameter	Colour	orange
Min. bending radius, once only	5 x cable diameter	Resistance to spread of flame	in accordance with IEC 60332-1-2

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## Technical data

## Plug

Plug	Cable side	left
	Version of contact face	RJ45
	Protection degree (IP)	IP30 (plugged)
	Gender of contact	male contact
	Outlet direction	straight
	Version of connector	plug
	Status indicator available	No
	Shielding available	Yes
	Cable side	right
	Version of contact face	RJ45
	Protection degree (IP)	IP30 (plugged)
	Gender of contact	male contact
	Outlet direction	straight
	Version of connector	plug
Status indicator available	No	
Shielding available	Yes	
Plug left	RJ45, IP30 (plugged), male contact, straight, plug, shielded	
Plug right	RJ45, IP30 (plugged), male contact, straight, plug, shielded	

## Plug, left

Connector left	Plug left	RJ45, IP30 (plugged), male contact, straight, plug, shielded
	RJ45 IP30 (plugged)	

## Plug, right

Connector right	RJ45 IP30 (plugged)	Contact surface	Au ≥ 0.8 µm
Plug right	RJ45, IP30 (plugged), male contact, straight, plug, shielded		

## Classifications

ETIM 6.0	EC002599	ETIM 7.0	EC002599
ETIM 8.0	EC002599	ETIM 9.0	EC002599
ECLASS 9.0	27-06-03-08	ECLASS 9.1	27-06-03-08
ECLASS 10.0	27-06-03-08	ECLASS 11.0	27-06-03-08
ECLASS 12.0	27-06-03-08	ECLASS 13.0	27060308

## Approvals

Approvals



ROHS

Conform

## Downloads

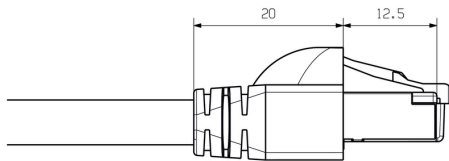
Catalogues

[Catalogues in PDF-format](#)

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**Wiring**

RJ45	1	red	1	RJ45
	2	orange	2	
	3	black	3	
	4	blue	4	
	5	white	5	
	6	green	6	
	7	yellow	7	
	8	brown	8	