

IE-C5ES8VG0005N40N40-G-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.	2814800005
Type	IE-C5ES8VG0005N40N40-G-K6KV
GTIN (EAN)	4064675301639
Qty.	1 pc(s).

Creation date December 4, 2023 12:31:15 PM 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 ²
Insulation	PE	Insulation cross-section	1 mm
Material sheath	PVC	Number of wires	8
Sheath diameter	5.5 mm	Sheathing colour	green
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	green
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



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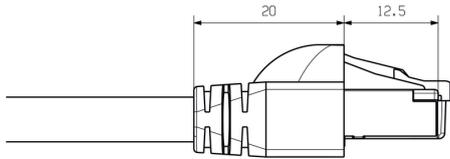
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Drawings

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	