

IE-C5ES8VB0030N40N40-B-K6KV

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com



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

Order No.	2813820030
Type	IE-C5ES8VB0030N40N40-B-K6KV
GTIN (EAN)	4064675668725
Qty.	1 items

IE-C5ES8VB0030N40N40-B-K6KV

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

www.weidmueller.com

Technical data

Approvals

Approvals



ROHS Conform

Dimensions and weights

Length	3 m	Length (inches)	118.1102 inch
Net weight	118 g		

Temperatures

Installation temperature 0 °C...50 °C

Environmental Product Compliance

RoHS Compliance Status	Compliant
REACH SVHC	No SVHC above 0.1 wt%

Electrical properties

Operating voltage	125 V	PoE / PoE+	conforming to IEEE 802.3at
-------------------	-------	------------	----------------------------

General standards

Connector standard	IEC 60603-7-5 1	Application-specific communication cable facilities	VDE-AR-N 4100:2019-04
--------------------	-----------------	---	-----------------------

Standards

Connector standard	IEC 60603-7-5 1
--------------------	-----------------

Cable structure

Sheath diameter	5.5 mm	Sheathing colour	blue
Cross-section	4x2xAWG 26/7. 4x2x0.128 mm ²	Shielding	SF/UTP
Number of wires	8	Insulation cross-section	1 mm
Insulation	PE	Material sheath	PVC
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		

Electrical properties of cable

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

IE-C5ES8VB0030N40N40-B-K6KV

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

www.weidmueller.com

Technical data

Mechanical and material properties of cable

Resistance to oils	No	Colour	blue (RAL 5015)
Halogen	yes (PVC cable)	Min. bending radius, once only	5 x cable diameter
Bending radius	4 x cable diameter	Resistance to spread of flame	in accordance with IEC 60332-1-2

Plug

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

Plug, left

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

Plug, right

Plug right	RJ45, IP30 (plugged), male contact, straight, plug, shielded
------------	--

Classifications

ETIM 8.0	EC002599	ETIM 9.0	EC002599
ETIM 10.0	EC002599	ECLASS 14.0	27-06-03-08
ECLASS 15.0	27-06-03-08		

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	