

IE-C5DS4VG0004A2EA2E-X

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



General ordering data

Version	System cable, RJ45 IP 67 PushPull V14 metal, RJ45 IP 67 PushPull V14 metal, Cat.5 (ISO/IEC 11801) / Cat.5e (TIA T568-B), PVC, 0.4 m
Order No.	1450910000
Type	IE-C5DS4VG0004A2EA2E-X
GTIN (EAN)	4050118255843
Qty.	1 Stück

Erstellungs-Datum May 16, 2023 8:52:39 AM CEST

Katalogstand 12.05.2023 / Technische Änderungen vorbehalten

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Technische Daten

Dimensions and weights

Length	0.4 m	Length (inches)	15.748 inch
Net weight	48 g		

Temperatures

Storage temperature	-40 °C...80 °C	Operating temperature	-40 °C...70 °C
Operating temperature, min.	-40 °C	Operating temperature, max.	70 °C
Installation temperature	-40 °C...80 °C		

Cable specific standards

Standard, additional standards	UL-File E11901 Vol.1 Sec.12 Page 1, UL-File E116441 Vol.1 Sec.6 Page 8	Standard, assembly	UL-Style 21694
Standard, insulating material	DIN EN 50290-2-23 (VDE 0819) Table 2/A (HD 624.3)	Standard, shielding material	DIN EN 13602 Cu-ETP-A..B
Standard, wire material	DIN EN 13602 Cu-ETP-A		

Cable structure

Arrangement of wire cores	Star-quad	Colour sequence or wires - wire pairs	white, yellow, blue, orange
Complete shielding	Aluminium foil, Shielding braid made from copper wiring	Cross-section	4*AWG 22/7 - 0.32 mm ²
Diameter of inner sheathing	4.05 mm	Filler	As central element
Insulation	PE	Insulation cross-section	1.5 mm
Material sheath	PVC	Number of wires	4
Overlap of shielding braid	85 %	Sheath diameter, max.	6.7 mm
Sheath diameter, min.	6.3 mm	Sheathing colour	green (RAL 6018)
Sheathing material thickness	0.9 mm	Shielding	SF/UTP
Shielding braid thickness	0.13 mm	Standard designations	2YY(ST)CY 2x2x0,75/1,5-100 LI VZN GN
Strands	7	Wire material	Stranded tin-plated copper wire

Electrical properties of cable

Category	Cat.5 (ISO/IEC 11801) / Cat.5e (TIA T568-B)	
Characteristic impedance	100 ± 5 Ω at 100MHz	
Loop resistance	120 Ω/km	
Operating voltage (UL rating)	Operating voltage	600 V
Operating voltage (UL rating)	600 V undefined	
Operating voltage, UL	600 V	
Signal propagation time	5.3 ns/m	
Test voltage: wire-wire-shield	2000 V _{eff} , 50 Hz, 1 min	
Transfer impedance	20 mΩ/m at 10 MHz	

Mechanical and material properties of cable

Abrasion resistance	good	Halogen	Yes
Min. bending radius, once only	3.5 *diameter	Min. bending radius, repetitive	7.5 x cable diameter
Resistance to spread of flame	in accordance with IEC 60332-1 / UL 1685		

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Technische Daten

Plug

Plug	Cable side	left
	Version of contact face	RJ45
	Protection degree (IP)	IP67
	Gender of contact	male contact
	Outlet direction	straight
	Housing version	PushPull V14
	Version of connector	plug
	Housing main material	Zinc diecast
	Status indicator available	No
	Shielding available	Yes
	Cable side	right
	Version of contact face	RJ45
	Protection degree (IP)	IP67
	Gender of contact	male contact
	Outlet direction	straight
	Housing version	PushPull V14
	Version of connector	plug
	Housing main material	Zinc diecast
	Status indicator available	No
	Shielding available	Yes
Plug left	RJ45, IP67, male contact, straight, PushPull V14, plug, Zinc diecast, shielded	
Plug right	RJ45, IP67, male contact, straight, PushPull V14, plug, Zinc diecast, shielded	

Classifications

ETIM 6.0	EC002599	ETIM 7.0	EC002599
ETIM 8.0	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

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Approvals

Approvals



ROHS	Conform
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Downloads

User Documentation	MAN IE GUIDE DE MAN IE GUIDE EN
Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN PI PROFINET CABLING EN