



सत्यमेव जयते

दूरसंचार विभाग, भारत सरकार

DEPARTMENT OF TELECOMMUNICATIONS, GOVERNMENT OF INDIA

दूरसंचार अभियांत्रिकी केंद्र

TELECOMMUNICATION ENGINEERING CENTRE

CERTIFICATE OF MANDATORY CONFORMANCE

This is to certify that the product described below conforms to the Essential Requirement issued by TEC under Mandatory Testing and Certification of Telecom Equipment as notified vide Indian Telegraph (Amendment) Rules, 2017.

i.	*Certificate No.: 379402268	ii.	Dated: 10-Jul-2024
iii.	Certificate Category: Regular	iv.	Certificate Type: NEW
v.	APPLICANT: Belden India Private Limited, Unit No 233-236 2nd floor Spazende Tower B Sohna RoadSector 47 Gurugram Haryana 122002	vi.	ORIGINAL EQUIPMENT MANUFACTURER: Hirschmann Automation and Control GmbH, Stuttgarter Str. 45-51, 72654 Neckartenzlingen / Germany
vii.	PRODUCT NAME: LAN Switch	viii.	PRODUCT VARIANT: L2 Unmanaged Switch
ix.	PREVIOUS CERTIFICATE NO.: NA	x.	PREVIOUS CERTIFICATE ISSUED DATE: NA
xi.	MODEL NO.: Unmanaged LAN Switch-SPIDER	xii.	FAMILY NAME: Yes
xiii.	ASSOCIATED MODEL NO.: As given at Table-1 overleaf	xiv.	INTERFACES TESTED: As given at Table-2 overleaf
xv.	SOFTWARE VERSION: REL 2.1.01 B21	xvi.	HARDWARE VERSION: Z11 S20
xvii.	VALID FROM: 10-Jul-2024	xviii.	VALID UPTO: 09-Jul-2034
xix.	ER NO.: TEC37942407	DIRECTOR (TC-1) K L Bhawan, Janpath, New Delhi - 110001	
xx.	EMI / EMC CLASS: A		
xxi.	QR CODE: 		

Note:

- *1. This certificate is valid for product(s) manufactured in Germany only, as per the details at Table-3.
2. This certificate is issued for model/family name indicated at (xi) above and applicable for associated/ family model(s) mentioned at Table-1, overleaf only.
3. Bill of Material covered under this certificate is given at Table-4.
4. Terms & Conditions mentioned at MTCTE portal (<https://www.mtcte.tec.gov.in/>) shall be applicable.

Table-1

List of Associated/Family Models	
i.	Spider-PL-20
ii.	Spider-PL-40



Table-2

List of Interfaces Tested	
i.	10 100 1000 BASE-T Ethernet
ii.	10 100 BASE-T Ethernet
iii.	1 G Optical Ethernet
iv.	Fast Ethernet Optical



Table-3

List of manufacturing locations (as declared by the applicant) for which this certificate (No. 379402268) is valid:								
S. No.	Product Model number	Contract Manufacturing	Manufacturing Location Address	Contact Person Name (Plant Incharge)	E-mail-ID	Contact number	*Country Of Origin	**Country of Manufacturing
1	SPIDER-PL-40	No	Hirschmann Automation and Control GmbH Stuttgart Str 45 51 72654 Neckartenzlingen Germany	Michael Schlecht	michael.schlecht@belden.com	497127142101	Germany	Germany
2	SPIDER-PL-20	No	Hirschmann Automation and Control GmbH Stuttgart Str 45 51 72654 Neckartenzlingen Germany	Michael Schlecht	michael.schlecht@belden.com	497127142101	Germany	Germany

Note: *1. Country of Origin is as per the criteria defined under Custom Rules.

**2. Country of Manufacturing refers to the place where the Telecom product under certification against product model number given above is manufactured/assembled as complete unit only.

Table-4

Details of major modules / components (as declared by the applicant) of the model under certification (BILL OF MATERIAL)						
Module Name/Atrtribute Name	Module Code	Module Hardware Version	Module Software Version	Sub Unit Name	Sub Unit Model No.	Remarks
Module No.						
EMI/EMC Class of equipment						Class A
Sub Unit 1		Z11 S20	REL 2.1.01-B21	Unmanaged LAN Switch - SPIDER	Spider-PL-20	
PCB Motherboard	742672001	Z01G01	REL 2.1.01-B21			
Microprocessor	Atmel ATSAMD21E18A	Z01G01	REL 2.1.01-B21			
Fast Ethernet Electrical	742672001	Z01G01				RJ45 socket for 10/100BASE-TX twisted pair connection No of ports = 01
Fast Ethernet Optical	742672001	Z01G01				DSC socket for 100BASE-FX, SM port connection (LX) No of ports = 01
PSU	742672001	Z01G01				12 to 24 V DC (9.6 to 32 V DC),

Details of major modules / components (as declared by the applicant) of the model under certification (BILL OF MATERIAL)

Module Name/Atrtribute Name	Module Code	Module Hardware Version	Module Software Version	Sub Unit Name	Sub Unit Model No.	Remarks
						redundant
Sub Unit 2		Z11 S20	REL 2.1.01-B21	Unmanaged LAN Switch - SPIDER	Spider-PL-40	
PCB Motherboard	742674001	Z01G01	REL 2.1.01-B21			
Microprocessor	Atmel ATSAMD21E18A	Z01G01	REL 2.1.01-B21			
Gigabit Ethernet Electrical	742674001	Z01G01				RJ45 socket for 10/100/1000BASE-T twisted pair connection No of ports = 01
Gigabit Ethernet Optical	742674001	Z01G01				SFP slot for 100/1000MBit/s F/O connection (SX, LX) No of ports = 01
PSU	742674001	Z01G01				12 to 24 V DC (9.6 to 32 V DC), redundant

*** End of the certificate***