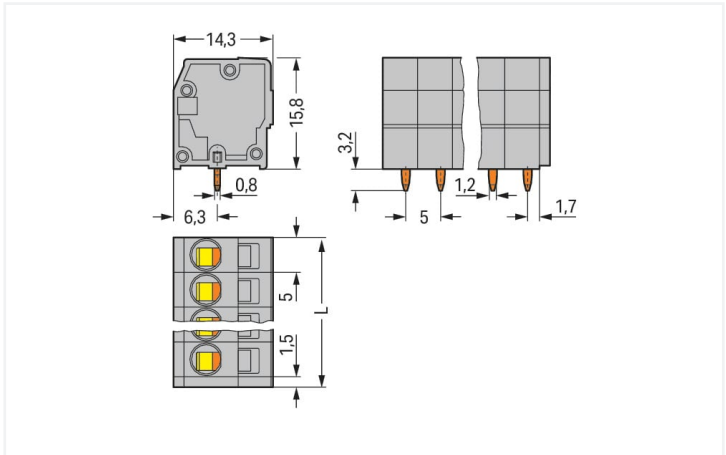


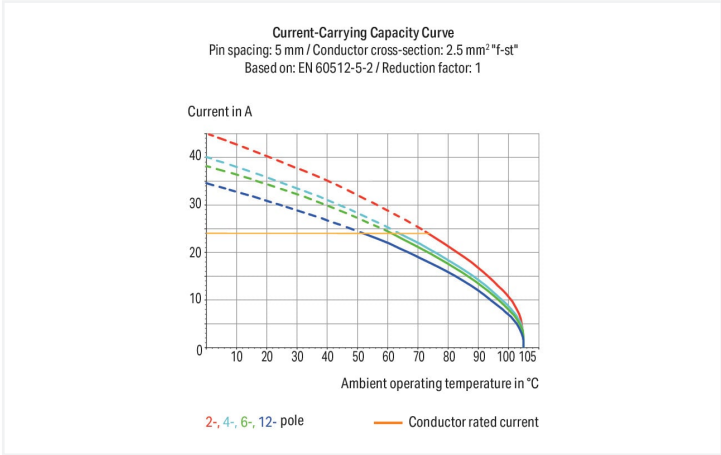


Color: ■ gray

Similar to illustration



Dimensions in mm
L = (pole no. – 1) x pin spacing + 5 mm + 1.5 mm



- PCB terminal strips with screwdriver-actuated CAGE CLAMP® connection
- Vertical conductor entry and operating direction for space-saving positioning/grouping

Notes	
Variants:	Other pole numbers Other colors Mixed-color PCB connector strips Direct marking Other versions (or variants) can be requested from WAGO Sales or configured at https://configurator.wago.com/ .

Electrical data			
Ratings per		IEC/EN 60664-1	
Overvoltage category		III	II
Pollution degree		3	2
Nominal voltage		320 V	630 V
Rated surge voltage		4 kV	4 kV
Rated current		24 A	24 A
Approvals per		UL 1059	
Use group		B	D
Rated voltage		300 V	300 V
Rated current		20 A	10 A



Approvals per		CSA	
Use group	B	C	D
Rated voltage	300 V	-	300 V
Rated current	12 A	-	10 A

Connection data			
Connection points	14	Connection 1	
Number of connection types	1	Connection technology	CAGE CLAMP®
Number of levels	1	Actuation type	Operating tool
		Solid conductor	0.08 ... 2.5 mm² / 28 ... 14 AWG
		Fine-stranded conductor	0.08 ... 2.5 mm² / 28 ... 12 AWG
		Fine-stranded conductor; with insulated ferrule	0.25 ... 1.5 mm²
		Fine-stranded conductor; with uninsulated ferrule	0.25 ... 2.5 mm²
		Note (conductor cross-section)	12 AWG: THHN, THWN
		Strip length	8 ... 9 mm / 0.31 ... 0.35 inches
		Conductor connection direction to PCB	90 °

Physical data		
Width	71.5 mm / 2.815 inches	
Height	19 mm / 0.748 inches	
Height from the surface	15.8 mm / 0.622 inches	
Depth	14.3 mm / 0.563 inches	
Solder pin length	3.2 mm	
Solder pin dimensions	0.8 x 1.2 mm	
Drilled hole diameter with tolerance	1.6 ^(+0.1) mm	

PCB contact		
PCB contact	THT	
Solder pin arrangement	over the entire terminal strip (in-line)	
Number of solder pins per potential	1	

Material data		
Note (material data)	Information on material specifications can be found here	
Color	gray	
Material group	I	
Insulation material	Polyamide (PA66)	
Flammability class per UL94	V0	
Clamping spring material	Chrome-nickel spring steel (CrNi)	
Contact material	Electrolytic copper (E _{Cu})	
Contact plating	Tin	
Fire load	0.286 MJ	
Weight	16 g	



Environmental requirements	
Limit temperature range	-60 ... +105 °C

Commercial data	
Product Group	4 (Printed Circuit Connectors)
ETIM 8.0	EC002643
ETIM 7.0	EC002643
PU (SPU)	60 (15) pcs
Packaging type	Box
Country of origin	CH
GTIN	4044918859882
Customs tariff number	85369010000

Environmental Product Compliance	
RoHS Compliance Status	Compliant,No Exemption

Approvals / Certificates		
General approvals		
		
Approval	Standard	Certificate Name
CSA DEKRA Certification B.V.	C22.2 No. 158	1711139
UL Underwriters Laboratories Inc.	UL 1059	E45172

Downloads	
Environmental Product Compliance	
Compliance Search	
Environmental Product Compliance 739-114	

Documentation			
Additional Information			
Technical Section	03.04.2019	pdf 2010.85 KB	

CAD/CAE-Data

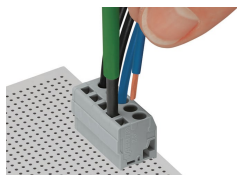
CAD data

2D/3D Models 739-114



Installation Notes

Conductor termination



Inserting a conductor parallel to screwdriver actuation – 739 Series.