

Printview: 1-conductor feedthrough terminal strip; with fixing flanges; 12-pole; pin spacing 5 mm / 0.197 in; Wire-wrap pin 1 x 1 mm; for flush-mounting - Item No.: 731-142/048-000

WAGO® online catalog / eShop

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Marking

RoHS ✓
Compliant

Business data

Supplier	WAGO
Item no.	731-142/048-000
EAN	4044918269889
Content	1
Order amount	10
Customer item number	

Notes

Feedthrough terminal blocks with screwdriver-actuated CAGE CLAMP® Fixing flanges for mounting on the PCB or at the front panel – either flush with enclosure or protruding Versions without fixing flange available upon request

Technical data

Miscellaneous

No. of Poles	12
Total number of connection points	12
Total number of potentials	12
Color	gray
Ratings according to 1	IEC/EN 60664-1
Overvoltage category EN 1	III
Pollution degree (1)	2

Technical data	
Rated voltage EN (1) [V]	320 [V]
Rated surge voltage (1) [kV]	4 [kV]
Nominal current [A]	5 [A]
Overvoltage category EN 2	II
Degree of pollution (2)	2
Rated voltage EN (2) [V]	630 [V]
Bemessungsstossspannung (2) [kV]	4 [kV]
Nominal current (2) [A]	5 [A]
Overvoltage category EN 3	III
Degree of pollution (3)	3
Rated voltage EN (3) [V]	320 [V]
Rated surge voltage (3) [kV]	4 [kV]
Nominal current (3) [A]	5 [A]
Connection technology (1)	CAGE CLAMP®
Conductor type (1)	solid
Cross section from (1) [mm ²]	0.08 [mm ²]
Cross section up to (1) [mm ²]	2.5 [mm ²]
Cross section from (1) [AWG]	28 [AWG]
Cross section up to (1) [AWG]	14 [AWG]
Conductor type (2)	fine-stranded
Cross section from (2) [mm ²]	0.08 [mm ²]
Cross section up to (2) [mm ²]	2.5 [mm ²]
Conductor type (3)	fine-stranded (with insulated ferrule)
Cross section from (3) [mm ²]	0.25 [mm ²]
Cross section up to (3) [mm ²]	1.5 [mm ²]
Conductor type (4)	fine-stranded (with uninsulated ferrule)
Cross section from (4) [mm ²]	0.25 [mm ²]
Cross section up to (4) [mm ²]	2.5 [mm ²]
Stripped length from (1) [mm]	8 [mm]
Stripped length up to (1) [mm]	9 [mm]
Strip length from [inch] [in]	0.31 [in]
Strip length up to [inch] [in]	0.35 [in]
Stripped length (1) [in]	0.33 [in]
Material group	I

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Technical data	
<i>Insulating material</i>	<i>Polyamide 6.6 (PA 6.6)</i>
<i>Flammability rating per UL 94</i>	<i>V0</i>
<i>Lower limit temperature [C]</i>	<i>-60 [C]</i>
<i>Upper temperature limit [C]</i>	<i>105 [C]</i>
<i>Clamping spring material</i>	<i>Chrome-nickel spring steel (CrNi)</i>
<i>Contact material</i>	<i>Electrolytic copper (Ecu)</i>
<i>Contact plating</i>	<i>tin-plated</i>
<i>Fire load [MJ]</i>	<i>0.292 [MJ]</i>
<i>Weight [g]</i>	<i>18.336 [g]</i>
<i>Width [mm]</i>	<i>75.2 [mm]</i>
<i>Width [in]</i>	<i>2.961 [in]</i>
<i>Height [mm]</i>	<i>12 [mm]</i>
<i>Height [in]</i>	<i>0.472 [in]</i>
<i>Length [mm]</i>	<i>15.5 [mm]</i>
<i>Length [in]</i>	<i>0.61 [in]</i>
<i>Pin spacing from [mm]</i>	<i>5 [mm]</i>
<i>Pin spacing up to [mm]</i>	<i>5 [mm]</i>
<i>Pin spacing from [in]</i>	<i>0.197 [in]</i>
<i>Pin spacing up to [in]</i>	<i>0.2 [in]</i>

Approbation					
Item No.	Registration	Registration no.	Voltage [V]	Current [A]	Cross section [mm ² , AWG]
731-142/048-000	CCA	5764	400	12	1x1
731-142/048-000	CSA	154112-1466354	300	5	28-14
731-142/048-000	KEMA	2083746.02	400	12	1x1
731-142/048-000	UL	E45172	300	5	28-14
731-142/048-000	UL	E45171	600	15	28-12

Accessories

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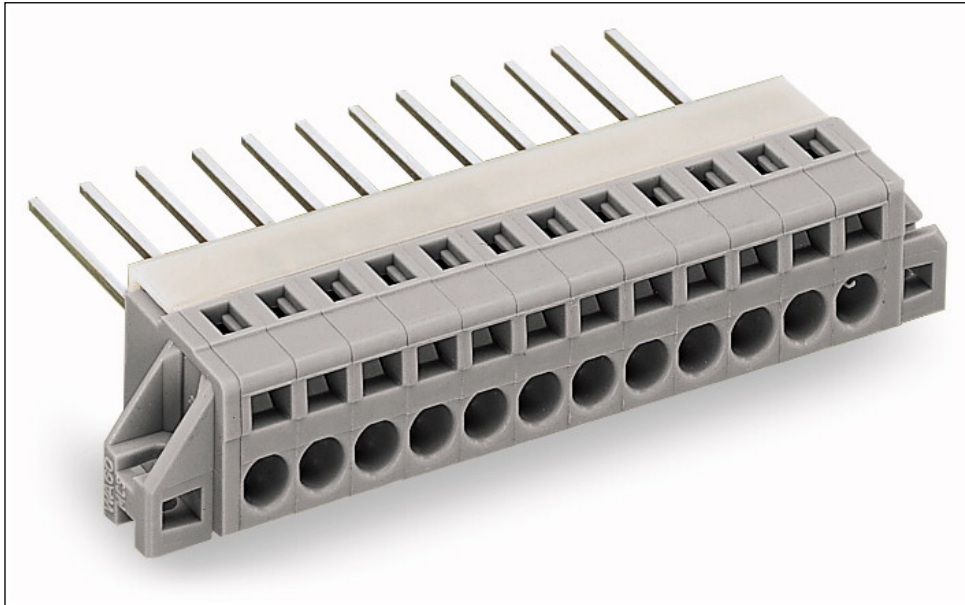
Accessories

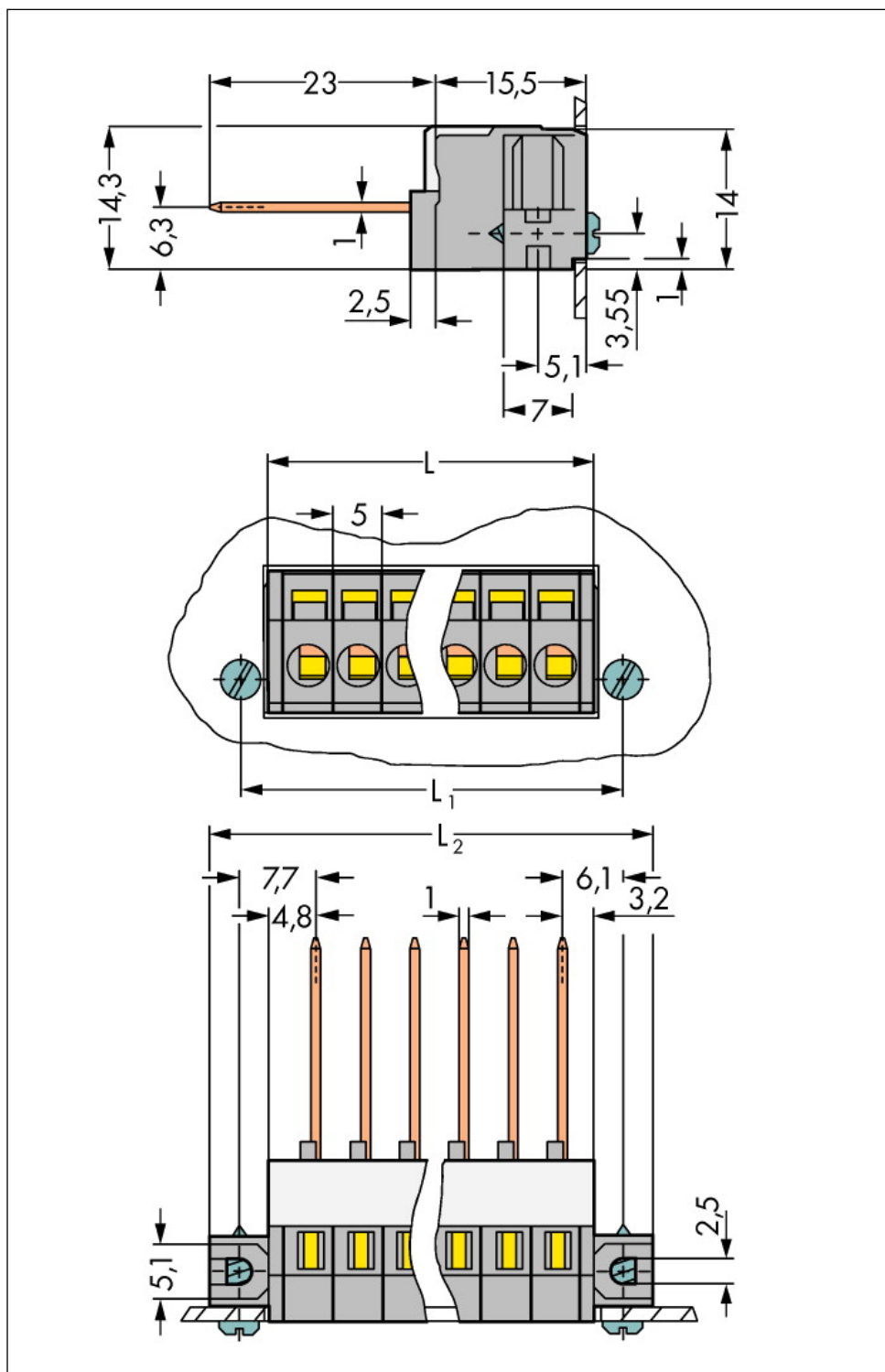
General accessory

Item no.	Description	Pack. unit (Sub Pack)
209-147	Self-tapping screw	100
210-657	Operating tool with partially insulated shaft; blade (3.5 x 0.5) mm; short; suitable for 260, 261, 262, 264, 270, 280, 281, 869, 870 and 880 Series	1
210-658	Operating tool with partially insulated shaft; blade (3.5 x 0.5) mm; short; angled; particularly suitable for 280 Series actuator and sensor terminal blocks and also for Series 260, 261, 262, 264, 280, 281, 869, 870, 880, 2002,	1
210-720	Operating tool with partially insulated shaft; Type 2, blade (3.5 x 0.5) mm; suitable for 260, 261, 262, 264, 270, 280, 281, 290, 775, 776, 777, 769, 780, 781, 869, 870, 880, 2002, 2003, 2004, 2005 and 2022 Series	1

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Images & drawings





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Technische Änderungen und Irrtümer vorbehalten.