

Screwdriver blade	1.2 x 6.5
Screwdriver blade standard	DIN 5264
Tightening torque, min.	2.5 Nm
Tightening torque, max.	4 Nm
Clamping screw	M 6
Stripping length	18 mm
L1 in mm	45 mm
L1 in inch	1.772 inch

Material data

Insulating material	Wemid (PA)
Colour	black
Flammability class UL 94	V-0
CTI	≥ 600
Contact material	Copper alloy
Contact surface	tinned
Contact base material	Copper alloy

Connectable conductors

Clamping range, min.	0.5 mm ²
Clamping range, max.	50 mm ²
Conductor connection cross-section AWG, min.	AWG 20
Conductor connection cross-section AWG, max.	AWG 1
Solid, min. H05(07) V-U	0.5 mm ²
Solid, max. H05(07) V-U	16 mm ²
Stranded, max. H07V-R	50 mm ²
Stranded, min. H07V-R	6 mm ²
Flexible, min. H05(07) V-K	0.5 mm ²
Flexible, max. H05(07) V-K	35 mm ²
w. wire end ferrule, DIN 46228 pt 1, min	0.5 mm ²
with wire end ferrule, DIN 46228 pt 1, max.	35 mm ²
w. plastic collar ferrule, DIN 46228 pt 4, min.	0.5 mm ²
with plastic collar ferrule, DIN 46228 pt 4, max.	35 mm ²

DIN IEC rating data

Rated current, min. No. of poles (Tu=20°C)	150 A
Rated current, no. of poles (Tu=40°C), min.	150 A
Rated voltage for overvoltage class/pollution severity II/2	1,000 V
Rated voltage for overvoltage class/pollution severity III/2	1,000 V
Rated voltage at overvoltage category/pollution degree III/3	1,000 V
Rated impulse withstand voltage for overvoltage class/pollution severity II/2	8 kV
Rated impulse withstand voltage for overvoltage class/pollution severity III/2	8 kV
Rated impulse withstand voltage for overvoltage class/pollution severity III/3	8 kV

CSA rating data

Rated voltage (Use group B)	600 V
Rated current (use group B)	127 A
Rated voltage (Use group C)	600 V
Rated current (use group C)	127 A
Rated voltage (use group D)	600 V
Rated current (use group D)	5 A
Wire cross-section, AWG, min.	AWG 20
Wire cross-section, AWG, max.	AWG 1

UL 1059 rating data

Rated voltage (use group B)	600 V
Rated current (use group B)	127 A
Rated voltage (use group C)	600 V
Rated current (use group C)	127 A
Rated voltage (use group D)	600 V

Rated current (use group D)	5 A
Wire cross-section, AWG, min.	AWG 20
Wire cross-section, AWG, max.	AWG 1

Approvals

Approvals institutes



Classifications


eClass 6.0	27-26-11-01
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Notes


- Additional colours on request
- Rated current related to rated cross-section and min. No. of poles.
- Wire end ferrule without plastic collar to DIN 46228 pt 1
- Wire end ferrule with plastic collar to DIN 46228 pt 4
- P on drg. = pitch
- Rated data refer only to the component itself. Clearance and creepage distances to other components are to be designed in accordance with the relevant application standards.
- IP 20 from 16 mm² to 50 mm²

Notes

Similar products

	Colour	No. of poles	Solder pin length	Order No.	Part designation	Version
	pebble grey	1	4.5 mm	1047520000	LXXX 15.00/01/90FL 4.5SN GY BX	PCB terminal, Clamping yoke connection, Solder connection, Clamping range, max.: 50 mm ² , Pitch in mm: 15.00 mm, No. of poles: 1, 90°, Box
		<input type="text"/>	<input type="text"/>	<input type="text"/>		

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	Colour	No. of poles	Solder pin length	Order No.	Part designation	Version
	pebble grey	2	4.5 mm	1047530000	LXXX 15.00/02/90FL 4.5SN GY BX	PCB terminal, Clamping yoke connection, Solder connection, Clamping range, max.: 50 mm ² , Pitch in mm: 15.00 mm, No. of poles: 2, 90°, Box
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	pebble grey	3	4.5 mm	1047540000	LXXX 15.00/03/90FL 4.5SN GY BX	PCB terminal, Clamping yoke connection, Solder connection, Clamping range, max.: 50 mm ² , Pitch in mm: 15.00 mm, No. of poles: 3, 90°, Box
<input type="button" value="Add to Inquiry list"/> <input type="button" value="PDF Datasheet"/>						
	pebble grey	4	4.5 mm	1047590000	LXXX 15.00/04/90FL 4.5SN OR BX	PCB terminal, Clamping yoke connection, Solder connection, Clamping range, max.: 50 mm ² , Pitch in mm: 15.00 mm, No. of poles: 4, 90°, Box
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