SMD PCB Terminal Block with Push-Buttons; 0.75 mm²
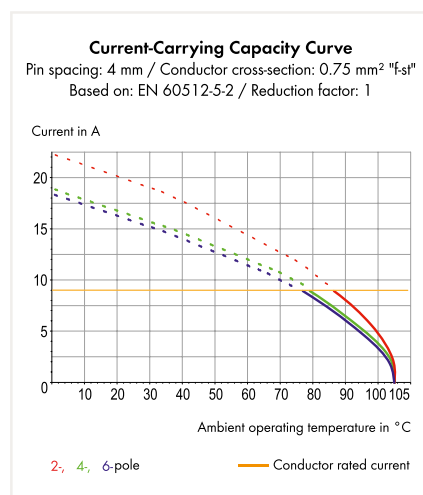## Pin Spacing: 4 mm
2060 Series

1

- SMD PCB terminal blocks with Push-in CAGE CLAMP® connection technology and push-buttons
- Push-in termination of solid and ferruled conductors
- Convenient termination/removal of fine-stranded conductors via push-buttons
- Just 4.5 mm tall
- Available in tape-and-reel packaging for automated assembly

Current-Carrying Capacity Curve
Pin spacing: 4 mm / Conductor cross-section: 0.75 mm² "f-st"
Based on: EN 60512-5-2 / Reduction factor: 1

Current in A

Ambient operating temperature in °C

2-, 4-, 6-pole   —— Conductor rated current

Electrical Data	1-pole			2-/3-pole			
Pin spacing	4 mm / 0.157 inch			4 mm / 0.157 inch			
Ratings per	IEC/EN 60664-1			IEC/EN 60664-1			
Overvoltage category	III	III	II	III	III	II	
Pollution degree	3	2	2	3	2	2	
Rated voltage	63 V	160 V	320 V	63 V	160 V	320 V	
Rated surge voltage	2.5 kV	2.5 kV	2.5 kV	2.5 kV	2.5 kV	2.5 kV	
Rated current	9 A	9 A	9 A	9 A	9 A	9 A	
Approvals per	UL 1977			UL 1977			
Rated voltage	600 V			320 V			
Rated current	9 A			9 A			

Connection Data	
Connection technology	Push-in CAGE CLAMP®
Strip length	7 … 9 mm² / 0.28 … 0.35 inch
Conductor entry angle to the PCB	0°
Conductor range	
Solid conductor	0.2 … 0.75 mm² / 24 … 18 AWG
Fine-stranded conductor	0.2 … 0.75 mm² / 24 … 18 AWG
Fine-stranded conductor; with insulated ferrule	0.25 … 0.34 mm²
Fine-stranded conductor; with uninsulated ferrule	0.25 … 0.34 mm²

Material Data	
Material group	I
Insulating material	Polyphthalamide (PPA GF)
Flammability class per UL94	V0
Limit temperature range	−60 … +105 °C
Contact material	Copper alloy
Contact plating	Tin-plated

Application notes:
Suitable for lead-free, reflow-soldering profiles per DIN EN 61760-1 and IEC 60068-2-58 up to max. 260°C peak temperature. Due to customer-specific variables (e.g., component configuration and orientation, type of soldering machine, solder paste), trial runs are recommended to ensure product and process compatibility under actual manufacturing conditions.

Recommendation for SMD stencil:
150 µm material thickness; pattern layout identical to solder pad layout

*(III / 2) ≙ Overvoltage category III /
            Pollution degree 2

WAGO

SMD PCB Terminal Block with Push-Buttons; in Tape-and-Reel Packaging; 0.75 mm²; Pin Spacing: 4 mm
2060 Series

PUSH-IN CAGE CLAMP®
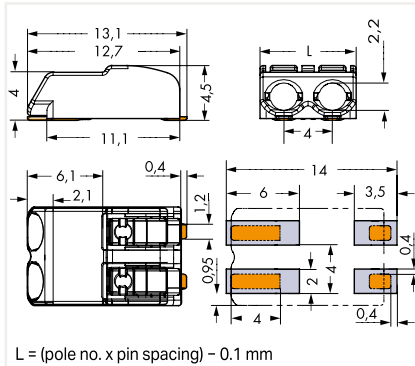
1

White*; Reel diameter: 330 mm

Pole No.	Item No.	Pack. Unit
1	2060-451/998-404	13500 (1500)
2	2060-452/998-404	9000 (1000)
3	2060-453/998-404	6750 (750)

*Depending on reflow soldering temperatures and times, color deviations may occur. These deviations will have no impact on functionality.
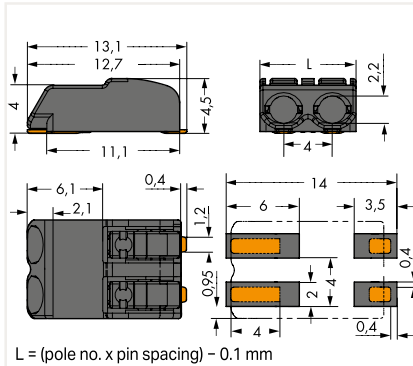
Black; Reel diameter: 330 mm
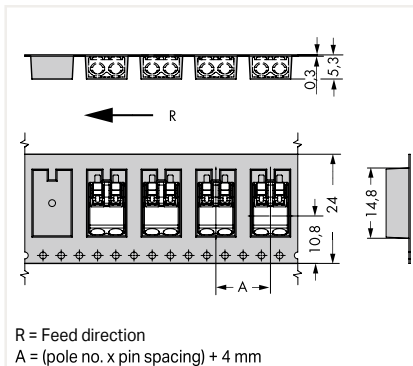
Pole No.	Item No.	Pack. Unit
1	2060-471/998-404	13500 (1500)
2	2060-472/998-404	9000 (1000)
3	2060-473/998-404	6750 (750)

Push-in termination of solid conductors

Inserting/removing fine-stranded conductors by lightly pressing on a push-button (e.g., via 206-860 Operating Tool).

Dimensions (in mm):

L = (pole no. x pin spacing) − 0.1 mm

Dimensions (in mm):

L = (pole no. x pin spacing) − 0.1 mm

Terminal blocks can be arranged side-by-side without loss of poles.

Dimensions (in mm):

R = Feed direction
A = (pole no. x pin spacing) + 4 mm

Dimensions (in mm):

R = Feed direction
A = (pole no. x pin spacing) + 4 mm

Available in tape-and-reel packaging for automated assembly