



照明行业产品手册

SMD Terminal 2060 Series

**WAGO**<sup>®</sup>  
INNOVATIVE CONNECTIONS

**STA** 思大电子-元器件专业提供商



万可电子(天津)有限公司

WAGO公司是电气连接及自动化领域的世界知名公司,于1951年成立,总部座落于德国明登市,凭借独创的以“笼式弹簧连接技术(CAGE CLAMP®)”为特征的接线端子、连接器、工业接口模块及现场总线输入/输出系统而成为行业领军者。WAGO的产品应用于全球多个领域,包括:轨道交通、汽车制造、机械制造、电力技术、过程控制、楼宇安装自动化等众多高要求行业。目前,公司在全球拥有50余家子公司和办事处、8个生产基地及近5000名员工,业务遍布欧洲、北美、拉丁美洲和亚洲等国家和地区,从而能够为用户提供出色的技术支持及售后服务保障。

万可电子(天津)有限公司是德国WAGO公司于1997年在中国天津武清开发区建立的具有生产制造、产品销售、技术支持及售后服务综合能力的独资子公司,目前拥有员工800余人,下设北京、上海、广州、成都、武汉、西安、长沙、昆明8个办事处,在全国各地拥有多家销售代理商,建立了完善的销售与技术支持服务网络。

WAGO中国公司成立十四年来,业务取得了迅猛发展,生产规模持续扩大,市场份额也逐年增加。如今,万可电子(天津)有限公司已成为WAGO全球的一支生力军。

WAGO公司将不断地以富于创新的想法推动在工业和自动控制领域的电气连接技术的发展,并一如既往的为用户提供一流产品及优质服务。

# SMD Terminal Strips with Push-Buttons

## Pin Spacing 4 mm

### 2060 Series

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- SMD terminal strips with CAGE CLAMP®S connection and push-buttons
- Direct push-in of solid conductors
- Push button for connection of stranded conductors, and for removal of all wire types
- A total height of only 4.5mm helps minimize shadowing in LED applications
- Packaged in tape-and-reel for automated assembly
- Large flat area for easy pick-n-place
- Wiring ports with balcony design – creates "lead-in" for ease of wiring, even at a slight angle

#### Technical data:

Pin Spacing	1 Pole			2 - 3 Pole		
	4 mm 0.157 in			4 mm 0.157 in		
Rating 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
Nominal current	9 A	9 A	9 A	9 A	9 A	9 A
Approvals per	UL 1977			UL 1977		
Rated voltage	600 V			250 V		
Nominal current UL	9 A			9 A		

#### Conductor data:

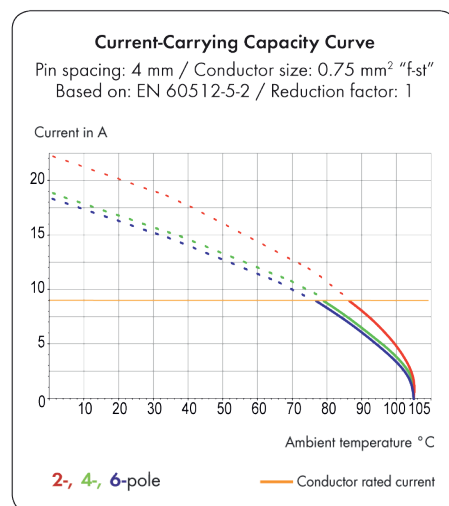
Connection technology	CAGE CLAMP®S
Conductor size: solid	0.20 - 0.75 mm <sup>2</sup>
Conductor size: fine-stranded	0.20 - 0.75 mm <sup>2</sup>
AWG	24 - 18
Strip length	6 - 7 mm / 0.24 - 0.28 in
Conductor entry angle	0° to PCB

#### Material data:

Material group	I
Insulating material	Glass fiber-reinforced polyphthalamide (PPA-GF)
Temperature stability	-35°C to +105°C
Flammability rating per UL 94	V0
Contact plating	tin-plated

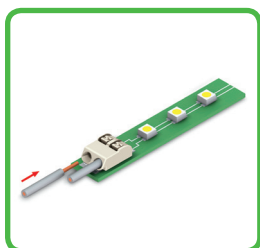
Approvals are available online at: [www.wago.com](http://www.wago.com)

For more technical information, see Full Line Catalog, Volume 2, Section 11

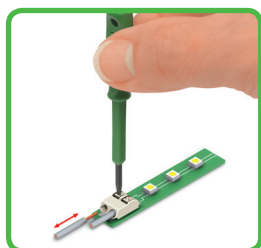


#### 2060 Series accessories: Volume 2/Page:

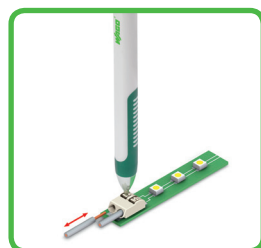
Operating tools (233-335)	491
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Inserting solid conductors via push-in termination.



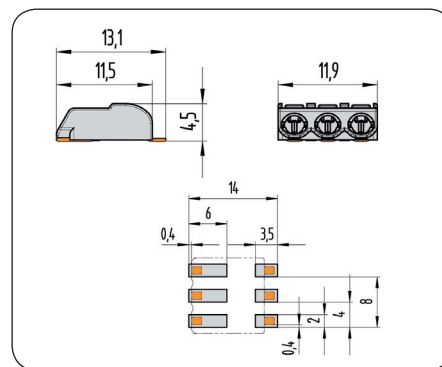
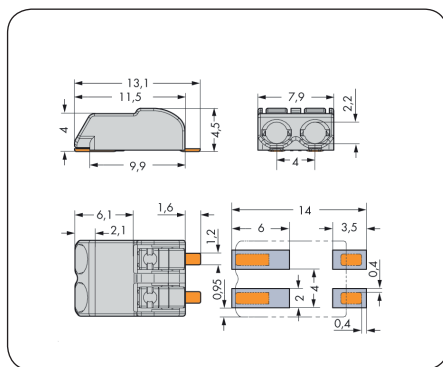
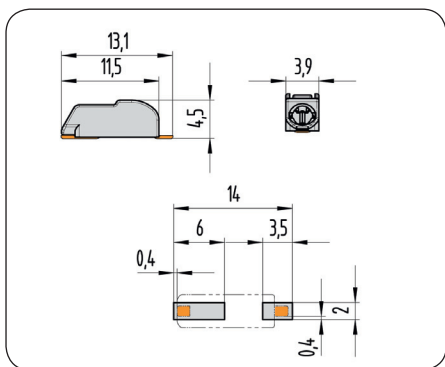
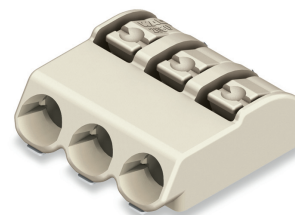
Inserting/removing fine-stranded conductors by lightly pressing on push-button (e.g., using a 233-335 operating tool or a ball point pen).



# SMD Terminal Strips with Push-Buttons 2060 Series

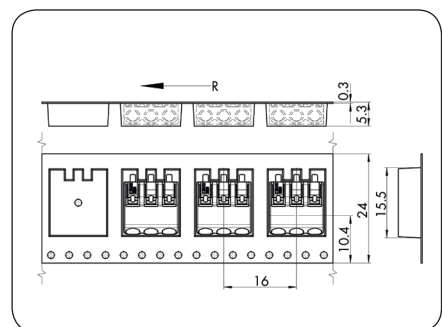
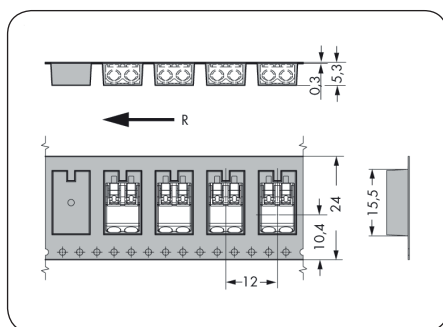
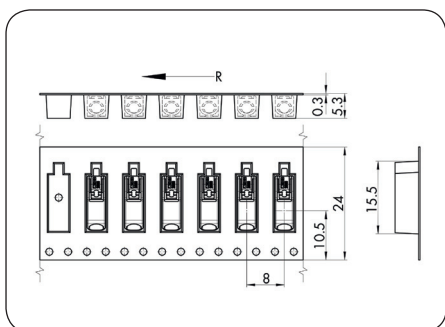
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Pin spacing 4 mm / 0.157 in		Pin spacing 4 mm / 0.157 in		Pin spacing 4 mm / 0.157 in	
0.2 - 0.75 mm <sup>2</sup>	AWG 24 - 18	0.2 - 0.75 mm <sup>2</sup>	AWG 24 - 18	0.2 - 0.75 mm <sup>2</sup>	AWG 24 - 18
160 V/2.5 kV/2 9 A	600 V/9 A	160 V/2.5 kV/2 9 A	250 V/9 A	160 V/2.5 kV/2 9 A	250 V/9 A



Pole No.	Item No.	Pack Unit/ Pieces per Reel	Pole No.	Item No.	Pack Unit/ Pieces per Reel	Pole No.	Item No.	Pack Unit/ Pieces per Reel
SMD terminal strip with push-buttons in tape-and-reel packaging, light gray*			SMD terminal strip with push-buttons in tape-and-reel packaging, light gray*			SMD terminal strip with push-buttons in tape-and-reel packaging, light gray*		
1	2060-401/998-404	1500	2	2060-402/998-404	1000	3	2060-403/998-404	750
Reel diameter: 330 mm			Reel diameter: 330 mm			Reel diameter: 330 mm		

\*Depending on reflow soldering temperatures and times, color deviations may occur for light gray connectors. These deviations will have no impact on functionality.



R = Feed Direction