ION INDUSTRIES

PRODUCT CATALOGUE 2024





WWW.IONINDUSTRIES.COM

"MORE THAN JUST A DIMMER"



About us

ION INDUSTRIES is the specialist in LED Dimmers and cover materials. As a manufacturer, developer and distributor operating from Nieuwegein, ION INDUSTRIES supplies the corporate and private markets in Europe with smart, innovative and high-quality LED Dimmers.

Our quality standards

By staying in touch with all target groups in the market, we know where needs and opportunities lie. This makes it possible to implement developments that meet these needs and thus make our contribution to the smartest, most innovative and most sustainable solutions. The result: always being able to supply the best and most complete highquality LED Dimmers (both new and improved existing models) + cover materials.





Leader in innovation

It is therefore that ION INDUSTRIES has already won several awards at the German Innovation Awards and that our products are currently available at more than 500 different sales outlets in Europe.



Click on the *Quick finder* **icon** to go back to the product range page.

Product range¹

0 LED Dimmers

- 08 LED Dimmer 150 Watt
- 09 LED Dimmer 200 Watt
- 10 LED Dimmer 250 Watt Pro*
- 11 LED Dimmer 350 Watt
- 12 LED Dimmer 600 Watt
- 13 LED Duo Dimmer 2x200 Watt
- 14 LED Duo Touch Dimmer 2x150 Watt
- 15 LED Touch Dimmer 200 Watt
- 16 LED Touch Dimmer Expansion Unit
- 17 LED Matter Dimmer 200 Watt
- 18 LED Zigbee Dimmer 200 Watt
- 19 LED Zigbee Touch Dimmer 200 Watt
- 20 LED WiFi Dimmer 200 Watt
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Ø Switches

- 32 <u>Two-way switch</u>
- **33** <u>Two-gang switch</u>
- 34 Circuit breaker, 2-pole
- 35 Intermediate switch
- 36 Two-way switch, two-gang
- 37 Rocker button, no contact, 1-pole
- 38 Rocker button, no contact, two-gang, 1-pole
- 39 Three-stage switch insert with Zero setting
- 40 Blind rocker

0 V1, J1- Serie | Alpine White

- 42 V1 Frames 1 to 5 gang
- 43 J1 Frames 1 to 5 gang
- 44 <u>Rockers</u>
- 45 <u>Cover plate</u>
- 45 <u>Touch Dimmer Buttons</u>
- 45 Blind plates
- 46 Wall sockets
- 46 Modular Jacks

0 V1, J1- Serie | Matt Alpine White

- 48 V1 Frames 1 to 5 gang
- 49 J1 Frames 1 to 5 gang
- 50 <u>Rockers</u>
- 51 Cover plate
- 51 <u>Touch Dimmer Buttons</u>
- 51 Blind plates
- 52 Wall sockets
- 52 Modular Jacks



Click on the *Quick finder* **icon to go back to the product range page.**

Product range²

🕖 V1, J1- Serie | Matt Black

- 54 V1 Frames 1 to 5 gang
- 55 J1 Frames 1 to 5 gang
- 56 <u>Rockers</u>
- 57 Cover plate
- 57 <u>Touch Dimmer Buttons</u>
- 57 Blind plates
- 58 Wall sockets
- 58 Modular Jacks

59 V1, J1 – Series | Additional <u>Cover plates (Set)</u> <u>Cover frame 2-gang</u> <u>Touch Dimmer Buttons</u> <u>Cover frame single-gang</u>

0 E1- Serie | Alpine White

- 62 E1 Afdekramen 1 tot 5-voudig
- 63 <u>Rockers</u>
- 64 Cover plate
- 64 Blind plates
- 64 Wall sockets
- 64 Modular Jacks

0 E1- Serie | Matt Alpine White

- 66 E1 Frames 1 to 5 gang
- 67 Rockers
- 68 Cover plate
- 68 Blind plates
- 68 Wall sockets
- 68 Modular Jacks

0 E1- Serie | Matt Black

- 70 E1 Afdekramen 1 tot 5-voudig
- 71 <u>Rockers</u>
- 72 Cover plate
- 72 Blind plates
- 72 Wall sockets
- 72 Modular Jacks

Ø Surface-mounted IP55

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- 78 <u>Wall socket Half-Mounted 2-gang RA</u> <u>USB A + USB C Alpin White & Matt Black</u>
- 78 Wall socket Half-Mounted 2-gang RA Alpin White & Matt Black
- 78 Connector Coax TV
- 78 <u>Connector UTP Cat6</u>
- 78 LED Dimming Stabilizer



LED DIMMERS

ION INDUSTRIES offers a wide selection of LED Dimmers! In our range you will find single dimmers, duo dimmers, smart dimmers, touch dimmers, dimming modules, floor/cable dimmers and more.





LED Dimmer 150 Watt

- Dimming range 0,3 150 Watt
- Min/Max brightness manually and automatically adjustable
- Additional output of 600 Watt to operate an extra switching function
- · Possible to use as two-way switch in combination with switch
- No neutral wire required
- Memory function







LED Dimmer 200 Watt

- Dimming range 0,3 200 Watt
- Min/Max brightness manually and automatically adjustable
- Additional output of 600 Watt to operate an extra switching function
- · Possible to use as two-way switch in combination with switch
- Boost function to create slow start
- No neutral wire required
- Memory function







Order conditions apply

LED Dimmer 250 Watt Pro*

- Dimming range 0,3 250 Watt
- Min/Max brightness manually and automatically adjustable
- · Additional output of 600 Watt to operate an extra switching function
- · Possible to use as two-way switch in combination with switch
- Boost function to create slow start
- · No neutral wire required
- Memory function







LED Dimmer 350 Watt

- Dimming range 0,3 350 Watt
- Min/Max brightness manually and automatically adjustable
- Additional output of 600 Watt to operate an extra switching function
- · Possible to use as two-way switch in combination with switch
- Boost function to create slow start
- No neutral wire required
- Memory function









LED Dimmer 600 Watt

- Dimming range 0,3 600 Watt
- Min/Max brightness manually and automatically adjustable
- Additional output of 600 Watt to operate an extra switching function
- · Possible to use as two-way switch in combination with switch
- Boost function to create slow start
- No neutral wire required
- Memory function







LED Duo Dimmer 2x200 Watt

- Dimming range 2 x 0,3 200 Watt
- Min/Max brightness manually and automatically adjustable
- · Possible to use as two-way switch in combination with switch
- · Switching two circuits with one wall switch
- No neutral wire required
- Memory feature









LED Duo Touch Dimmer 2x150 Watt

- Dimming range 2x 0,3 150 Watt
- Min/Max brightness manually adjustable
- · Switching two groups with one wall switch
- Compatible with five Expansion Units by ION INDUSTRIES
- Only compatible with ION Touch Dimmer Buttons
- No neutral wire required
- Touch control
- Memory function









LED Touch Dimmer 200 Watt

- Dimming range 0,3 200 Watt
- Min/Max brightness manually adjustable
- Boost function to create slow start
- Compatible with five Expansion Units by ION INDUSTRIES
- No neutral wire required

- Only usable in combination with ION
 Touch Dimmer Buttons
- Two-way switch/dimmable parallel
- Touch control
- Memory function









LED Touch Dimmer Expansion Unit

- Touch control
- No neutral wire required
- Can only be used with ION INDUSTRIES' LED Touch Dimmer
- No settings required, functions according to settings LED Touch Dimmer
- Only usable in combination with ION Touch Dimmer Buttons
- Compatible with five Expansion Units by ION INDUSTRIES
- Two-way switch/dimmable parallel
- Memory function









Available soon

Officially registered with 🖧 matter

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LED Matter Dimmer 200 Watt

- Dimming range 0,3 200 Watt
- Operates on Matter
- Press rotary button
- Boost function to create slow start
- · Min/Max brightness adjustable with dimmer and application
- · Possible to use as two-way switch in combination with switch
- No neutral wire required (though recommended)
- Memory function

















LED Zigbee Dimmer 200 Watt

- Dimming range 0,3 200 Watt
- Boost function to create slow start
- No neutral wire required (though recommended)
- Controllable with online application and physical button
- Min/Max brightness adjustable with dimmer and application
- Memory Function





LED Zigbee Touch Dimmer 200 Watt

- Dimming range 0,3 200 Watt
- Boost function to create slow start
- No neutral wire required (though recommended)
- Compatible with five Expansion Units by ION INDUSTRIES
- Min/Max brightness adjustable with dimmer and application
- · Possible to use as two-way switch in combination with switch
- Only usable in combination with ION Touch Dimmer Buttons
- Memory function





Gateway

A Gateway, also called Hub or Bridge, is a link between the LED Zigbee Dimmer, the application and the light.

The gateway sends commands to the dimmer, receives signals from the dimmer and can digitally control dimmers by using an app.

Without a gateway that is compatible with Zigbee, the LED Zigbee Dimmer cannot be controlled with an app or Smart Home System.

Zigbee Compatible Gateways

Google Home















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LED WiFi Dimmer 200 Watt

- Dimming range 0,3 200 Watt
- Possibility of switching single and multiple circuits of lights
- Controllable with online application and physical button
- No neutral wire required (though recommended)
- Memory function





tuyo SMART APPLICATION

What are the possibilities?

With the Tuya App, it is possible to set the Smart LED Dimmer as desired.

This includes minimum and maximum adjustment options, controlling groups and single lights.

In addition, it is also possible to control the LED Dimmer with Google Home or Amazon Alexa.

ION INDUSTRIES' **Smart** LED Dimmers are the perfect addition to your Smart Home! With these LED Dimmers, you can switch lights both manually (using the push-button) and digitally.

It is therefore no surprise that the **LED WiFi Dimmer** was awarded the first prize from the German Innovation Awards 2021. Both the LED WiFi Dimmer and the LED Zigbee Dimmer operate through the **Tuya Smart Application**.









Master-Slave LED Dimmer SET 200 Watt

- Dimming range 0,3 200 Watt
- Min/Max brightness adjustable
- Boost function to create slow start
- Compatible with five Slave LED Dimmers from ION INDUSTRIES
- To use in two-way and intermediate circuits
- No neutral wire required
- Memory function









Slave LED Dimmer

- Dimming range 0,3 200 Watt
- Min/Max brightness adjustable
- Boost function to create slow start
- · To use in two-way and intermediate circuits
- No neutral wire required
- Memory function











LED Cable Dimmer White 75 Watt

Product Code: 90.300.030

- Dimming range 0,3 75 Watt
- Min/Max brightness adjustable
- Dimming speed adjustable
- Push button operation
- Can be used with several types of cable (0.5 to 1.5 mm²)

LED Cable Dimmer Black 75 Watt

- Dimming range 0,3 75 Watt
- Min/Max brightness adjustable
- Dimming speed adjustable
- Push button operation
- Can be used with several types of cable (0.5 to 1.5 mm²)













LED Floor Dimmer White 75 Watt

Product Code: 90.300.040

- Dimming range 0,3 75 Watt
- Min/Max brightness adjustable
- Speed adjustable
- Push button operation
- Can be used with several types of cable (0.5 to 1.5 mm²)

LED Floor Dimmer Black 75 Watt

- Dimming range 0,3 75 Watt
- Min/Max brightness adjustable
- Speed adjustable
- Push button operation
- Can be used with several types of cable (0.5 to 1.5 mm²)









LED Dim Module 200 Watt

- Dimming range 0,3 200 Watt
- Compatible with all pulse switches
- Possibility to switch one or more lights simultaneously
- · To be placed near the lamp or in the wall
- No neutral wire required, only phase and switch wire







LED Controller 1-10 Volt

- 1-10V for dimming dimmable LED Drivers
- Very suitable for a wide dimming range
- Easy installation
- Memory function









12 Volt LED Driver 50 Watt Dimmable

- Input 220-240V
- Output voltage 12V AC
- · Control of 2 separate circuits (jointly switchable)
- Dim/use with all 12V AC LED lights
- Maximum power 50 Watt
- 50,000 burning hours
- PF>95









Wall socket Charger USB A + USB C

- Two different USB ports
- Charging without adapter
- · Compatible with central plates of each series
- Easy installation





SWITCHES

A wide selection of switches! Two-way and Two-gang, with or without pulse and compatible with controls in Alpine White, Matt Alpine White and Matt Black. Easily switch your lights on/off with switches from ION INDUSTRIES!





Two-way Switch

- Two-way circuit
- Compatible with two-way and intermediate circuits
- Wire fastening via plug-in terminal







Two-gang Switch

- Two-gang circuit
- Compatible with two-way and intermediate circuits
- Wire fastening via plug-in terminal







Circuit breaker, 2-pole

- Two-way circuit
- Not compatible with two-way and intermediate circuits
- Wire fastening via plug-in terminal







Intermediate switch

- Intermediate circuit
- Compatible with two-way and intermediate circuits
- Wire fastening via plug-in terminal







Two-way switch, two-gang

- Compatible with two-way and intermediate circuits
- Wire fastening via plug-in terminal






Rocker button, no contact, 1-pole

Product Code: 10.300.070

- Pulse pressure switching
- Compatible with two-way and intermediate circuits
- Wire fastening via plug-in terminal
- Reverting







Rocker button, no contact, two-gang, 1-pole

Product Code: 10.300.060

- Pulse pressure switching
- · Not compatible with two-way and intermediate circuits
- Wire fastening via plug-in terminal
- Reverting







Three-stage switch insert with Zero setting

Product Code: 11.300.010

- Rotary switch with zero setting
- Wire fastening via plug-in terminal







Blind rocker

Product Code: 10.300.080

- Wire fastening via plug-in terminal
- Reverting









The frames in the V1 Series are sleek and clean. All products from the V1 and J1 Series fit this type of frame.





The frames in the J1 Series are timeless. All products from the V1 and J1 Series fit in this type of frame.





V1 - Cover frame 5-gang Product Code: 80.300.514







J1 - Cover frame 5-gang Product Code: 80.301.514





Touch Dimmer Button Single Product Code: 80.300.084 Touch Dimmer Button Duo Product Code: 80.300.184





Wall socket Product Code: 10.100.011



Wall socket with touch protection Product Code: 10.300.214



Wall socket with hinged cover IP44 Product Code: 10.300.314



Wall socket with hinged cover IP44 and touch protection Product Code: 10.300.814

Wiring diagram Wall socket

For all 5 socket outlets





Wall socket USB A + USB C with touch protection Product Code: 10.300.414

- Touch protection
- Minimum wattage: 0 W
- Maximum wattage: 3680 W
- Dimensions: 71x71x32 mm
- Mounting: Plug-in clip
- Wall mounting: Claw/screw
- Enclosure class: IP20
- TUV: Yes





Central plate Charger USB A + USB C Product Code: 20.300.514



Blind plate Product Code: 21.300.014



Modular Jack 2-gang with Central plate Product Code: 13.300.014



Modular Jack 30° 2-gang with Central plate Product Code: 13.300.114









The frames in the V1 Series are sleek and clean. All products from the V1 and J1 Series fit this type of frame.





The frames in the J1 Series are timeless. All products from the V1 and J1 Series fit in this type of frame.





V1 - Cover frame 5-gang Product Code: 80.300.515





J1 - Cover frame 5-gang Product Code: 80.301.515





Touch Dimmer Button Single Product Code: 80.300.085





Wall socket Product Code: 10.100.015



Wall socket with touch protection Product Code: 10.300.215



Wall socket with hinged cover IP44 Product Code: 10.300.315



Wall socket with hinged cover IP44 and touch protection Product Code: 10.300.815

Wiring diagram Wall socket

For all 5 socket outlets





Wall socket USB A + USB C with touch protection Product Code: 10.300.415

- Touch protection
- Minimum wattage: 0 W
- Maximum wattage: 3680 W
- Dimensions: 71x71x32 mm
- Mounting: Plug-in clip
- Wall mounting: Claw/screw
- Enclosure class: IP20
- TUV: Yes





Central plate Charger USB A + USB C Product Code: 20.300.515



Blind plate Product Code: 21.300.015



Modular Jack 2-gang with Central plate Product Code: 13.300.015



Modular Jack 30° 2-gang with Central plate Product Code: 13.300.115









The frames in the V1 Series are sleek and clean. All products from the V1 and J1 Series fit this type of frame.



The frames in the J1 Series are timeless. All products from the V1 and J1 Series fit in this type of frame.







V1 - Cover frame 1-gang Product Code: 80.300.120 V1 - Cover frame 2-gang Product Code: 80.300.020



V1 - Cover frame 3-gang Product Code: 80.300.316



V1 - Cover frame 4-gang Product Code: 80.300.416



V1 - Cover frame 5-gang Product Code: 80.300.516







J1 - Cover frame 1-gang Product Code: 80.301.116 J1 - Cover frame 2-gang Product Code: 80.301.216



J1 - Cover frame 3-gang Product Code: 80.301.316



J1 - Cover frame 4-gang Product Code: 80.301.416



J1 - Cover frame 5-gang Product Code: 80.301.516





Rocker Two-way switch Product Code: 20.300.016



Blind rocker cover Product Code: 20.300.216



Central plate Dimmer Button Single Product Code: 20.300.316



Touch Dimmer Button Single Product Code: 80.300.090



Rocker Two-gang switch Product Code: 20.300.116



Central plate with rotary knob Three-stage switch insert with Zero setting Product Code: 11.300.116



Central plate Dimmer Button Duo Product Code: 20.300.416



Touch Dimmer Button Duo Product Code: 80.300.190





Wall socket Product Code: 10.100.020



Wall socket with touch protection Product Code: 10.300.216



Wall socket with hinged cover IP44 Product Code: 10.300.316



Wall socket with hinged cover IP44 and touch protection Product Code: 10.300.816

Wiring diagram Wall socket

For all 5 socket outlets





Wall socket USB A + USB C with touch protection Product Code: 10.300.416

- Touch protection
- Minimum wattage: 0 W
- Maximum wattage: 3680 W
- Dimensions: 71x71x32 mm
- Mounting: Plug-in clip
- Wall mounting: Claw/screw
- Enclosure class: IP20
- TUV: Yes





Central plate Charger USB A + USB C Product Code: 20.300.516



Blind plate Product Code: 21.300.016



Modular Jack 2-gang with Central plate Product Code: 13.300.016



Modular Jack 30° 2-gang with Central plate Product Code: 13.300.116







Cover plate Single White Product Code: 80.100.010



Touch Dimmer Button White Product Code: 80.300.080



Cover plate LED Duo Dimmer White Product Code: 80.200.010



Cover frame Single White Product Code: 80.300.110



Cover frame 2-gang White Product Code: 80.300.010











The frames in the E1 Series are modern. All products from the E1 Series fit this in type of frame.





E1 - Cover frame 5-gang Product Code: 80.302.514









Wall socket Product Code: 10.302.014



Wall socket with hinged cover IP44 Product Code: 10.302.314



Wall socket with touch protection Product Code: 10.302.214



Wall socket with hinged cover IP44 and touch protection Product Code: 10.302.814

- Touch protection •
- Minimum wattage: 0 W •
- Maximum wattage: 3680 W .
- Dimensions: 71x71x32 mm •



• Mounting: Plug-in clip

- Wall mounting: Claw/screw
- Enclosure class: IP20
- TUV: Yes

Wall socket USB A + USB C with touch protection Product Code: 10.302.414



Modular Jack 2-gang with Central plate Product Code: 13.302.014



Modular Jack 30° 2-gang with Central plate Product Code: 13.302.114







The frames in the E1 Series are modern. All products from the E1 Series fit in this type of frame.





E1 - Cover frame 5-gang Product Code: 80.302.515





Product Code: 21.302.015

Central plate Charger USB A + USB C Product Code: 20.302.515





Wall socket Product Code: 10.302.015



Wall socket with hinged cover IP44 Product Code: 10.302.315



Wall socket with touch protection Product Code: 10.302.215



Wall socket with hinged cover IP44 and touch protection Product Code: 10.302.815

- Touch protection •
- Minimum wattage: 0 W 🔸
- Maximum wattage: 3680 W •
- Dimensions: 71x71x32 mm •



Mounting: Plug-in clip

- Wall mounting: Claw/screw
- Enclosure class: IP20
- TUV: Yes

Wall socket USB A + USB C with touch protection Product Code: 10.302.415



Modular Jack 2-gang with Central plate Product Code: 13.302.015



Modular Jack 30° 2-gang with Central plate Product Code: 13.302.115







The frames in the E1 Series are modern. All products from the E1 Series fit in this type of frame.







E1 - Cover frame 1-gang Product Code: 80.302.116 E1 - Cover frame 2-gang Product Code: 80.302.216



E1 - Cover frame 3-gang Product Code: 80.302.316



E1 - Cover frame 4-gang Product Code: 80.302.416



E1 - Cover frame 5-gang Product Code: 80.302.516





Rocker Two-way switch Product Code: 20.302.016



Blind rocker cover Product Code: 20.302.216



Rocker Two-gang switch Product Code: 20.302.116



Central plate with rotary knob Three-stage switch insert with Zero setting Product Code: 11.302.116



Central plate Dimmer Button Single Product Code: 20.302.316



Central plate Charger USB A + USB C Product Code: 20.302.516



Central plate Dimmer Button Duo Product Code: 20.302.416



Blind plate Product Code: 21.302.016





Wall socket Product Code: 10.302.016



Wall socket with hinged cover IP44 Product Code: 10.302.316



Wall socket with touch protection Product Code: 10.302.216



Wall socket with hinged cover IP44 and touch protection Product Code: 10.302.816

- Touch protection •
- Minimum wattage: 0 W 🔸
- Maximum wattage: 3680 W .
- Dimensions: 71x71x32 mm •



• Mounting: Plug-in clip

- Wall mounting: Claw/screw
- Enclosure class: IP20
- TUV: Yes

Wall socket USB A + USB C with touch protection Product Code: 10.302.416



Modular Jack 2-gang with Central plate Product Code: 13.302.016



Modular Jack 30° 2-gang with Central plate Product Code: 13.302.116



Surface - mounted

IP55

The best protecting series: the Surface-mounted IP55! Ideal for use in damp locations, e.g. in the garden or shed. Switches, socket outlets or combinations! Available in Grey and Black.







Surface mounted Two-way switch Product Code: 55.100.010



Surface mounted Wall Socket Product Code: 55.100.070





Surface mounted Wall Socket 2-gang Product Code: 55.100.080



Surface mounted Combination Wall Socket and Two-way switch Product Code: 55.100.090



Surface mounted Wall Socket 2-gang Vertical Product Code: 55.100.170



Surface mounted Combination Wall Socket and Two-gang switch Product Code: 55.100.110



Surface mounted Wall Socket 2-gang Vertical Product Code: 55.100.180

Surface-mounted IP55 | Black







Surface mounted Two-way switch Product Code: 55.200.010



Surface mounted Wall Socket Product Code: 55.200.070



Surface mounted Combination Wall Socket and Two-way switch Product Code: 55.200.090



Surface mounted Wall Socket 2-gang Vertical Product Code: 55.200.170

Surface mounted Two-gang switch Product Code: 55.200.030



Surface mounted Wall Socket 2-gang Product Code: 55.200.080



Surface mounted Combination Wall Socket and Two-gang switch Product Code: 55.200.110



Surface mounted Wall Socket 2-gang Vertical Product Code: 55.200.180



SWITCHING MATERIAL









Wall socket Half-Mounted 2-gang USB A + USB C Alpin White Product Code: 10.300.614



Wall socket Half-Mounted 2-gang USB A + USB C Matt Black Product Code: 10.300.616



Wall socket Half-Mounted 2-gang Alpin White Product Code: 10.300.714

Wall socket Half-Mounted 2-gang Matt Black Product Code: 10.300.716



Connector Coax - TV Product Code: 12.100.009



LED Dimming Stabilizer Product Code: 99.050.000



Available soon

Connector UTP - Cat6 Product Code: 14.100.009





Our LED Dimmers are compatible with the following brands:

ION INDUSTRIES

D BUSCH-JAEGER

FE#A

Q-LINK•

GIRA

merten **niko**



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