

Protect-Opto 603



Article

Item no.	Description
177766	Protect-Opto 603 DUO leading photoelectric sensor for garage door openers, consisting of DUO opto-sensor set with mounting brackets, 2 door leaf junction boxes, 10 m door leaf connecting cable, spiral cable, junction box, 10 m connecting cable and EP 144 expansion board

Scope of delivery

- F photoelectric sensor DUO transmitter with 1,000 mm cable
- F-Light barrier DUO receiver with 1.000 mm cable
- 2 installation brackets and 2 floor installation plates
- EP 144 expansion board
- Junction box
- Connection cable 7x0,25 mm², 10.000 mm
- Spiral cable 5x0,25 mm², 1.600 mm uncoiled
- 2 gate leaf junction boxes with board OSE/8,2 kOhm
- Gate leaf connecting cable 7x0,25 mm², 10.000 mm
- Installation material

Features

Protect-Opto 602

Features

- Optical safety device to protect against personal injury and damage to property

Spiral cable 5x0.25 mm² – 1,600 mm

Features

- Pre-attached plug-in terminals for the control unit and a plug-in connection to the door leaf junction box reduce the connection effort, prevent connection errors and simplify installation

Use

Protect-Opto 602

- For controllers with connection for OSE optosensors. Currently not compatible with Comfort 390 plus – please use light grid

Door leaf junction box OSE/8.2 kOhm

- Can only be used in conjunction with spiral cable 5x0.25 mm² or 5x0.5 mm² with plug for door leaf junction boxes

Door leaf junction box

- For door leaf junction box for conventional safety elements

Connecting cable

- For door leaf junction boxes

Technical data

Protect-Opto 602

- Connection type: Conventional
- Protection class: IP54
- Temperature (min.) [°C]: -10
- Temperature (max.) [°C]: 55
- Temperature (min./max.) [°C]: -10/55
- Range [m]: 6
- Operating voltage [V]: 4-28 V-DC
- Power consumption [VA/W/kW]: 0.12 W
- Width [mm]: 52
- Height [mm]: 331
- Depth [mm]: 153
- Weight [kg]: 1.9
- Packing width: 203
- Packing height: 68
- Packing depth/length: 389

- Packing weight: 2.153
- Freight forwarding articles: No
- GTIN: 4062434009123
- Customs tariff number: 73089098
- Country of origin 1000: Deutschland
- Garantie: -

EP 144

- Connection type: Pluggable
- Inputs:
1 common input and output with resistor and OSE signal processing for 8.2 kOhm contact strips or OSE opto-sensors (12 V-DC/max. 0.05 A)
- Interfaces: MS bus (RJ14 connector) OSE
- Protection class: IP00
- Operating voltage [V]: 24 V-DC
- Operating voltage type: Direct current
- Width [mm]: 30
- Height [mm]: 50
- Depth [mm]: 20

Spiral cable 5x0.25 mm² – 1,600 mm

- Wire cross-section [mm²]: 0.25
- Cable entry control housing: CS housing
- Length uncoiled - control [mm]: 1,600
- Turning length retracted [mm]: 800
- Turning length extended [mm]: 3,200
- Weight [kg]: 0.55
- Packing width: 0
- Packing height: 0
- Packing depth/length: 0
- Packing weight: 0.521
- Freight forwarding articles: No
- GTIN: 4062434018521
- Customs tariff number: 85444995
- Country of origin 1000: Deutschland
- Garantie: -

Door leaf junction box OSE/8.2 kOhm

- Connection type: Pluggable
- Inputs:
1 input for conventionally wired contact strips or opto-sensors
2 inputs for conventionally wired slack rope switches or wicket door contacts
- Outputs:
1 output with socket (Molex 6-pin) for spiral cable with plug (Molex 6-pin)

- Protection class: IP54
- Temperature (min.)[°C]: -20
- Temperature (max.)[°C]: 60
- Temperature (min./max.)[°C]: -20/60
- Width [mm]: 165
- Height [mm]: 60
- Depth [mm]: 40
- Weight [kg]: 0.1
- Packing width: 88
- Packing height: 88
- Packing depth/length: 173
- Packing weight: 0.109
- Freight forwarding articles: No
- GTIN: 4062434018538
- Customs tariff number: 85444290
- Country of origin 1000: Deutschland
- Garantie: -

Door leaf junction box

- Connection type: Pluggable
- Inputs:
 - 1 input for conventionally wired contact strips or opto-sensors
 - 2 inputs for conventionally wired slack rope switches or wicket door contacts
- Protection class: IP54
- Temperature (min.)[°C]: -20
- Temperature (max.)[°C]: 60
- Temperature (min./max.)[°C]: -20/60
- Width [mm]: 165
- Height [mm]: 60
- Depth [mm]: 40
- Weight [kg]: 0.1
- Packing width: 90
- Packing height: 70
- Packing depth/length: 203
- Packing weight: 0.11
- Freight forwarding articles: No
- GTIN: 4062434016084
- Customs tariff number: 85444290
- Country of origin 1000: Deutschland
- Garantie: -

Junction box

- Installation type: Screw on
- Protection class: IP55

- Material: PP
- Color: Gray
- Installationarea: On the wall
- Width [mm]: 85
- Height [mm]: 85
- Depth [mm]: 37

Connecting cable

- Number of wires: 7
- Wire cross-section [mm²]: 0.25
- Cable length [m]: 10
- Packing width: 185
- Packing height: 38
- Packing depth/length: 237
- Packing weight: 0.461
- Freight forwarding articles: No
- GTIN: 4062435000617
- Customs tariff number: 85444210
- Country of origin 1000: Deutschland
- Garantie: -