

# Product data sheet

## E 212 24 V \*



Electric linear drive for automation of fanlight openers

### AREAS OF APPLICATION

- Automation of GEZE OL 90 N, OL 95 N and OL 320 fanlight openers
- Natural ventilation in the façade area
- Inward-opening bottom-hung leaves
- Installation on wooden, PVC or metal windows
- Frame installation

**PRODUCT FEATURES**

- Cost-effective and simple motorised solution for activating several scissors
- Can be integrated perfectly into the façade design thanks to its slim and discreet look
- Opening width variably adjustable over stroke length and can be adjusted as necessary
- Power cut-off and integrated limit switch as well as stroke are adjustable
- Completely pre-mounted assembly groups facilitate installation

**TECHNICAL DATA**

Productname	E 212 24 V *
Dimensions	211 x 30 x 80 mm
Space needed on frame (min.)	Necessary space should be determined individually
Space requirement on leaf (min.)	Necessary space should be determined individually
Compressive force	1500 N
Tensile force	1500 N
Operating voltage	24 V DC
Current consumption	1.2 A
Power consumption	29 W
Duty rating	25 %
Min. core cross section	2.5 mm <sup>2</sup>
Number of cores	3 cores
Service temperature	-20 - 60 °C
IP rating	IP42
Type of stroke shortening	Mechanical
End position cut-off extended	Limit switches
End position cut-off retracted	Limit switches
Overload cut-off	Yes
KNX ability	No
Bottom-hung window INWARD-opening frame installation	Yes

**VARIANTS / ORDER INFO**

Designation	Description	Ident-No.	Colour	Stroke	Dimensions
E 212	24 V with 1.2 A current consumption	010915	according to RAL	70 mm	211 x 30 x 80 mm
E 212	24 V with 1.2 A current consumption	015540	white RAL 9016	70 mm	211 x 30 x 80 mm
E 212	24 V with 1.2 A current consumption	010899	EV1	70 mm	211 x 30 x 80 mm

**ACCESSORIES****SAFETY SCISSORS NO. 35**

For protection of bottom-hung leaves



Designation	Description	Ident-No.	Colour	Leaf weight (max.)
Safety scissors no. 35	Fix pack available from stock (10 pieces), minimum leaf height 300mm	014499	Galvanised	270 kg

**SAFETY SCISSORS NO. 60**

For protection of bottom-hung leaves



Designation	Description	Ident-No.	Colour	Leaf weight (max.)
Safety scissors no. 60	Fix pack available from stock (10 pieces), minimum leaf height 700mm	133814	Galvanised	240 kg

**CONNECTING UNIT E 212 \***

To couple the E 212 with the OL 320 scissors



Designation	Description	Ident-No.	Colour	Dimensions
Coupling for E 212	To couple the E 212 with the OL 320 scissors	008800	silver-coloured	40 x 22 x 22 mm

**ROD COUPLING OL 90 \***

To couple the E 212 with the OL 90 N, OL 90 N top-hung outward opening and OL 95 scissors and to connect two rods



Designation	Description	Ident-No.	Colour	Dimensions
Rod coupling for rod 8 mm *	To couple the E 212 with the OL 90 N, OL 90 N top-hung outward opening and OL 95 scissors and to connect two rods	043546	Galvanised	37 mm

**SERVICE CASE IQ WINDOWDRIVE**

For commissioning and parameter setting of the window drives from the IQ windowdrive range



Designation	Description	Ident-No.	Colour	Supply voltage	Output current (max.)
Service case GEZE IQ windowdrive	for commissioning of 24 V window drives and for parameter setting of the IQ windowdrive drives in combination with the ST 220	142586	silver-coloured	100 - 240 V AC	5.5 A

**CORNER TRANSMISSION FOR OL 90 N / OL 95 \***

Corner transmission for OL 90 N / OL 95 for transferring the movement over the window corner

**GEZE POWER SUPPLY NT 1.5A-24V HS \***

24 V power supply for top hat rail mounting



Designation	Description	Ident-No.	Colour	Dimensions	Operating voltage
Power supply NT 1.5 A-24 V HS *	Output voltage 24 V DC / W x H x D: 35 x 90 x 58 mm / Installation on top hat rail, 2 horizontal pitches	151425	black	35 x 90 x 58 mm	230 V AC

**NT 2.5 A-24 V SM DIR POWER SUPPLY \***

24 V power supply for surface-mounted installation with integrated direction control/polarity reversal



Designation	Description	Ident-No.	Colour	Dimensions	Operating voltage
NT 2.5 A-24 V SM DIR power supply *	Output voltage 24 V DC W x H x D: 200 x 50 x 25 mm Surface-mounted installation With integrated direction control/polarity reversal	195293	grey	200 x 50 x 25 mm	230 V AC

**POWER SUPPLY NT 2.5 A-24 V HS \***

24 V power supply for top hat rail mounting



Designation	Description	Ident-No.	Colour	Dimensions	Operating voltage
Power supply NT 2.5 A-24 V HS *	Output voltage 24 V DC W x H x D: 52 x 90 x 58 mm Installation on top hat rail, 3 horizontal pitches	151424	black	52 x 90 x 58 mm	230 V

**POWER SUPPLY NT 6.25 A-24 V HS \***

24 V power supply for top hat rail mounting



Designation	Description	Ident-No.	Colour	Dimensions	Operating voltage
Power supply NT 6.25 A-24 V HS *	Output voltage 24 V DC W x H x D: 72 x 95 x 66.5 mm Installation on top hat rail, 4 horizontal pitches	192113	grey	72 x 95 x 66.5 mm	230 V DC +/- 10%

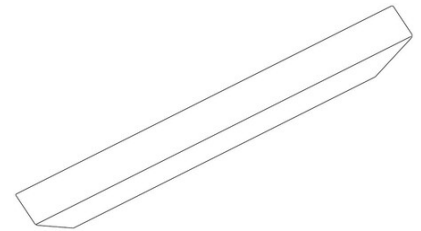
**ROD Ø 8 MM**

Without cover profile, for coupling and movement transmission for the components

Designation	Description	Ident-No.	Colour	Dimensions
Rod Ø 8 mm	Without cover profile, for coupling and movement transmission for the components	016592	Galvanised	6000 mm
Rod Ø 8 mm	Without cover profile, for coupling and movement transmission for the components	016555	Galvanised	2000 mm
Rod Ø 8 mm	Without cover profile, for coupling and movement transmission for the components	016591	Galvanised	3000 mm

**COVER PROFILE OL 90 N**

To cover the transmission



\* The products designated above may vary in form, type, characteristics, function, or availability depending on the country. Please get in touch with your GEZE contact person if you have any questions.