Product data sheet
Powerdrive PL

Automatic linear sliding door system for large and heavy
doors of up to 200 kg leaf weight

GEZE

AREAS OF APPLICATION

→ Single and double leaf sliding door systems

→ Interior and exterior doors with high access frequency

→ Opening widths from 700 to 3000 mm possible

→ Door leaf weights up to 200 kg per leaf

→ Suitable profile systems are fine-framed profile systems with ISO and mono glass, toughened safety glass clamping profile, on-site frame and wooden leaves

→ Suitable for various profile systems

PRODUCT FEATURES

→ Very powerful drive for large, heavy leaves and wide opening widths

→ Can be networked, and integrated into the building automation via open standard (BACnet)

→ Independent error recognition and recording

→ Adjustment options for all door movement parameters

→ Freely configurable inputs and outputs for different functions

→ Integrated battery for emergency opening and closing in the event of a power failure

→ Various mechanical and electrical locks are optionally available

TECHNICAL DATA

Productname	Powerdrive PL
For 1-leaf door systems	Yes
For 2-leaf door systems	Yes
Fine-framed insulating glass	Yes
MONO glass fine-framed	Yes
ESG clamping profile	Yes
Framed leaf (on site)	Yes
Wooden leaf (on site)	Yes
Depth	185 mm
Leaf weight (max.) 1-leaf	200 kg
Leaf weight (max.) 2-leaf	200 kg
Opening width 1-leaf	700 mm - 3000 mm
Opening width 2-leaf	800 mm - 3000 mm
Service temperature	–15 - 50 °C
IP rating	IP20
Disconnection from mains	Main switch in the drive
Standard conformity	DIN 18650, DIN EN ISO 13849: Performance Level D, EN 16005

ACCESSORIES

GC 363

Combined detector for activating and protecting automatic sliding doors with ten different infrared light curtain configuration settings

Description	Description	Ident-No.	Colour	Dimensions	Output
GC 363 SF Combined detector	Combined detector for the activation and safeguarding of automatic sliding doors in escape route direction	151240	acc. to RAL	270 x 58 x 58 mm	
GC 363 SF Combined detector	Combined detector for the activation and safeguarding of automatic sliding doors in escape route direction	151239	black	270 x 58 x 58 mm	
GC 363 R combined detector	Combined detector for the activation and safeguarding of automatic sliding doors	151237	black	270 x 58 x 58 mm	Potential-free relay contact
GC 363 R combined detector	Combined detector for the activation and safeguarding of automatic sliding doors	151238	acc. to RAL	270 x 58 x 58 mm	Potential-free relay contact

ELBOW SWITCH *

Stainless steel elbow switch with IP65 IP rating for activating automatic doors

Description	Description	Ident-No.	Colour	Dimensions	Type of installation
Elbow switch EFT	Very flat design / IP rating IP65	119898	Stainless steel	75 x 250 x 17 mm	Surface-mounted installation

ELBOW SWITCH

Plastic elbow switch, IP rating IP20, for activation of automatic doors

Description	Description	Ident-No.	Colour	Dimensions	Type of installation
Elbow switch KFT	Very flat design, IP rating IP20	114077	stainless steel optic	90 x 179 x 23 mm	Surface-mounted installation
Elbow switch KFT	Very flat design, IP rating IP20	114078	white	90 x 179 x 23 mm	Surface-mounted installation

LS990 ELBOW SWITCH

Elbow switch for activating automatic doors

Description	Description	Ident–No.	Colour	Dimensions	Type of installation
LS 990 elbow switch	IP rating IP30 H=223mm	128583	Stainless steel	81 x 223 x 18 mm	Flush-mounted installation
LS 990 elbow switch	IP rating IP30 H=223mm	128582	Stainless steel	81 x 223 x 51 mm	Surface-mounted installation
LS 990 elbow switch	IP rating IP30 H=223mm	141041	alpine white	81 x 223 x 51 mm	Surface-mounted installation
LS 990 elbow switch	IP rating IP30 H=223mm	141042	alpine white	81 x 223 x 18 mm	Flush-mounted installation

LED SENSOR FOOT SWITCH *

Switch for activating automatic doors

Description	Description	Ident–No.	Colour	Dimensions	Output
LED sensor foot switch *	Capacitive push button for activating automatic door systems. Protection rating IP69K	182936	Stainless steel	100 x 100 x 3 x 14 mm	PNP transistor output

LED SENSOR SWITCH *

Switch for activating automatic doors

Description	Description	Ident–No.	Colour	Dimensions	Output
LED sensor switch *	Capacitive push button with blue LED lighting and haptic Braille lettering for activating automatic door systems. Protection rating IP69K	137529	black	100 x 100 x 10 mm	PNP transistor output
LED sensor switch glass *	Capacitive push button with blue LED lighting for activating automatic door systems. Protection rating IP69K	143412	white	100 x 100 x 8 mm	PNP transistor output

ROCKER PUSH BUTTON AS 500

Activation of all GEZE automatic doors

Description	Ident–No.	Colour	Dimensions	Type of installation
Rocker push button AS 500	120888	alpine white	80 x 80 x 9 mm	Flush-mounted installation

PULL SWITCH *

For triggering calls in barrier-free bathrooms or WCs

Description	Description	Ident–No.	Colour	Dimensions	Type of installation
Pull switch	incl. pull chain 500 mm long	008607	red	36 x 94 x 34 mm	Surface-mounted installation

GC 365

Combined detector for activating and protecting automatic sliding doors
with four different infrared light curtain configuration settings

Description	Description	Ident–No.	Colour	Dimensions	Output
Combined detector GC 365 R	Combined detector for the activation and safeguarding of automatic sliding doors	160283	black	267 x 61 x 38 mm	Potential-free relay contact
Combined detector GC 365 SF	Combined detector for the activation and safeguarding of automatic sliding doors in escape route direction	160284	black	267 x 61 x 38 mm	

DISPLAY PROGRAMME SWITCH DPS

Display programme switch for setting the mode of operation for automatic doors

Description	Description	Ident-No.	Colour	Dimensions	Operating voltage
Display programme switch DPS with OFF key	Configuring the mode of operation as well as service case and parameter setting for automatic doors / with 5x control keys, 2x7 segment display, alphanumerical fault display, IP rating IP40	151524	alpine white	80 x 80 x 53 mm	24 V DC
Display programme switch DPS without OFF key	Configuring the mode of operation as well as service case and parameter setting for automatic doors / with 4x control keys, 2x7 segment display, alphanumerical fault display, IP rating IP40	155809	alpine white	80 x 81 x 5.3 mm	24 V DC
DPS with OFF key and key switch SCT	in combined double frame without Euro profile half cylinder	155810	alpine white	80 x 151 x 50 mm	24 V DC

GC 302

Radar movement detector for activating automatic doors

Description	Description	Ident-No.	Colour	Dimensions	Output
GC 302 R radar movement detector	Radar movement detector for activating automatic doors	124087	black	176 x 62 x 52 mm	Potential-free relay contact
GC 302 SV radar movement detector	Activation of automatic doors in the escape direction	124090	acc. to RAL	176 x 62 x 52 mm	Voltage output
GC 302 R radar movement detector	Radar movement detector for activating automatic doors	124088	acc. to RAL	176 x 62 x 52 mm	Potential-free relay contact
GC 302 SV radar movement detector	Activation of automatic doors in the escape direction	124089	black	176 x 62 x 52 mm	Voltage output

GC 304

Radar movement detector with individual adjustment option for activating automatic doors

Description	Description	Ident–No.	Colour	Dimensions	Type of installation
GC 304 R Radar movement detector	Activation of all GEZE automatic doors	130651	black	120 x 80 x 50 mm	

GC 339

Safety sensor for automatic swing, revolving and curved sliding doors as well as windows

Description	Description	Ident–No.	Colour	Dimensions	Operating voltage
GC 339	Safety sensor for automatic doors	151252	acc. to RAL	209 x 58 x 47 mm	24 V
GC 339	Safety sensor for automatic doors	151251	black	209 x 58 x 47 mm	24 V

GC 341 *

Safety sensor for automatic doors

Description	Description	Ident–No.	Colour	Dimensions	Operating voltage
GC 341 *	Safety sensor for automatic doors	160285	black	267 x 61 x 38 mm	24 V DC

MINI LED SENSOR SWITCH *

Activation of all GEZE automatic doors

Description	Description	Ident–No.	Colour	Dimensions	Output
LED sensor switch 20 mm *	Capacitive push button for activating automatic door systems. Protection rating IP69K	143273	aluminium, matt	28.5 x 28.5 x 21 mm	PNP transistor output

MPS

Mechanical programme switch for setting the mode of operation for automatic doors

Description	Description	Ident–No.	Colour	Dimensions	Operating voltage
Mechanical programme switch MPS-D	Setting of the mode of operation of automatic doors with rotary button, IP rating IP40 / suitable for switch ranges with 55x55mm switch insert	118417	alpine white	80 x 80 x 24 mm	24 V DC
Mechanical programme switch MPS	Setting of the mode of operation of automatic doors with rotary button, LED fault display, IP rating IP40 / suitable for switch ranges with 55x55mm switch insert	113226	alpine white	80 x 80 x 24 mm	24 V DC
Mechanical programme switch MPS–D–ST	Setting of the mode of operation of automatic doors with key, LED fault display, IP rating IP40, keyed alike cylinder, incl. 2× keys / suitable for switch ranges with 55x55mm switch insert	118418	alpine white	80 x 80 x 24 mm	24 V DC
mechanical programme switch MPS ST	Setting of the mode of operation of automatic doors with key, LED fault display, IP rating IP40, keyed alike cylinder, incl. 2× keys / suitable for switch ranges with 55x55mm switch insert	113227	alpine white	80 x 80 x 24 mm	24 V DC

AS 500 *

AS emergency stop switch with glass pane and five interchangeable labels ("Nottaster öffnen", "Notschalter", "Emergency switch", "Tür schließen" and without text)

Description	Description	Ident–No.	Colour	Dimensions	Type of installation
Emergency stop switch AS 500	Rocker control switch with glow lamp, glass pane and five interchangeable labels ("Nottaster öffnen", "Notschalter", "Emergency switch", "Tür schließen" and an empty label)	120881	alpine white/red	80 x 80 x 21 mm	Flush-mounted installation

SCT STAINLESS STEEL *

Key switch stainless steel for authorised activation and for changing the mode of operation of automatic doors

Description	Description	Ident–No.	Colour	Dimensions	Type of installation
Key switch spring return without euro profile half cylinder	Mounting with claws or screws, single-sided switching operation (key can be removed in the central position), cover can only be removed with key, aluminium leaf, IP rating IP54	098870	silver-coloured	79 x 79 x 12.5 mm	Flush-mounted installation
Key switch with euro profile half cylinder and three keys	Adjustable stay-put or spring return on both sides (key can be pulled out in the central position), cover can only be removed with key, light alloy housing, IP rating IP54	137056	silver-coloured		Surface-mounted installation
Key switch stay-put without euro profile half cylinder	Attachment with claws or screws, stay-put on one side (key can be removed in the central position), cover can only be removed with key, light alloy housing, IP rating IP54 / Attachment with claws or screws, stay-put on one side (key can be removed in the central position), cover can only be removed with key, light alloy housing, IP rating IP54	111357	silver-coloured	79 x 79 x 12 mm	Flush-mounted installation

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SCT KEY SWITCH

Key switch for authorised activation and for changing the mode of operation of automatic doors

Description	Description	Ident-No.	Colour	Dimensions	Type of installation
SCT key switch	2-pin with Euro profile half cylinder, two-sided switching operation, without AS 500 frame	118478	alpine white		
SCT key switch	1-pin without Euro profile half cylinder, single-sided switching operation	117996	alpine white	80 x 80 x 11 mm	Flush-mounted installation

SCT 221

Key switch for authorised activation and changing the mode of operation of automatic doors, surface and flush-mounted

Description	Description	Ident-No.	Colour	Dimensions	Type of installation
Key switch SCT 221	Single-sided switching operation, without euro profile half cylinder / Single-sided switching operation (key can only be removed in the central position), cover can only be removed with key, light alloy housing, IP rating IP54	054240	silver-coloured	75 x 75 x 11 mm	Flush-mounted installation
Key switch SCT 221	Single-sided switching operation, without euro profile half cylinder / Single-sided switching operation (key can only be removed in the central position), cover can only be removed with key, light alloy housing, IP rating IP54	054532	silver-coloured	75 x 75 x 50 mm	Surface-mounted installation

TPS

Keypad programme switch for setting the mode of operation for automatic doors

Description	Description	Ident-No.	Colour	Dimensions	Operating voltage
Keypad programme switch TPS	with 2 control keys, LED display, coded fault display, IP rating IP40 / suitable for switch ranges with 55x55mm switch insert	113231	alpine white	80 x 80 x 11 mm	24 V DC
Keypad programme switch TPS-KDT	with 2 control keys, LED display, coded fault display, IP rating IP40 / suitable for switch ranges with 55x55mm switch insert	126582	alpine white	80 x 80 x 11 mm	24 V DC

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Description	Description	Ident-No.	Colour	Dimensions	Operating voltage
Keypad programme switch TPS and key switch SCT	in combined double frame without Euro profile half cylinder	113232	alpine white	80 x 152 x 11 mm	24 V DC

WRM-24

Receiving module for activating automatic doors and window drives with 24 V DC

Description	Description	Ident-No.	Colour	Dimensions	Output
WRM-24 receiving module	52 x 47 x 23 mm (W x H x D), for installation in a standard flush-mounted box / 24 V DC operating voltage, pulse mode or pulse and permanent mode	131213	black	52 x 52 x 47 x 23 mm	2 potential-free relay contacts

WRM-24B

Receiving module for activating automatic doors and window drives with 24 V DC

Description	Description	Ident-No.	Colour	Dimensions	Output
WRM-24B Receiving module	130 x 80 x 35 mm (W x H x D), for surface installation with protection rating IP54 / 24 V DC operating voltage, pulse mode or pulse and permanent mode	131214	white	130 x 130 x 80 x 35 mm	2 potential-free relay contacts

WTH

Remote control for activating GEZE automatic doors and window drives via the GEZE wireless programme

Description	Description	Ident-No.	Dimensions	Operating voltage	Type of installation
WTH-2 Remote control 2 channels	with wall fixing and IP rating IP54	131210	78 x 51 x 15 mm	12 V DC	Wall
WTH-4 Remote control 4 channels	with wall fixing and IP rating IP54	131211	78 x 51 x 15 mm	12 V DC	Wall
WTH-1 Remote control 1 channel	with wall fixing and IP rating IP54	131209	78 x 51 x 15 mm	12 V DC	Wall

AS 500

Manual trigger switch for the manual release of electrically controlled hold-open devices

Description	Description	Ident-No.	Colour	Dimensions	Operating voltage
AS 500 manual trigger switch	for the manual release of electrically controlled hold-open devices including terminating resistor for line monitoring	116266	alpine white/red	80 x 80 x 9 mm	24 V DC
AS 500 manual trigger switch, glass	for the manual release of electrically controlled hold-open devices including terminating resistor for line monitoring, glass pane and 5 interchangeable labels	120880	alpine white/red	80 x 80 x 21 mm	24 V DC

USB PROGRAMMABLE ADAPTER

Description	Description	Ident-No.
USB programmable adapter	Transfer of firmware from the PC to the control unit (DCU); 3m cable length / Drivers, the control-specific programming software and DCU firmware files can be downloaded via the customer portal (compulsory registration). / Firmware updates on GEZE drives may only be carried out by experts authorised by the manufacturer (GEZE) in accordance with DIN 18650/EN 16005	130829

GC 307+ *

Non-contact proximity switch for activating automatic doors

Description	Description	Ident-No.	Colour	Dimensions	Type of installation
GC 307+ (hand icon) *	Proximity switch to activate automatic doors	195727	alpine white	80 x 80 x 21 mm	Surface-mounted installation
GC 307+ (WC icon) *	Proximity switch to activate automatic doors / Suitable for Powerturn, EMD and standard sliding doors	195751	alpine white	80 x 80 x 21 mm	Surface-mounted installation
GC 307+ (hand icon) *	Proximity switch to activate automatic doors	193226	alpine white	80 x 80 x 8 mm	Flush-mounted installation
GC 307+ (WC icon) *	Proximity switch to activate automatic doors / Suitable for Powerturn, EMD and standard sliding doors	195750	alpine white	80 x 80 x 8 mm	Flush-mounted installation

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INTERLOCKING DOOR SYSTEM FUNCTION *

Prevents simultaneous opening of two doors that are installed in a row

Description	Ident-No.	Dimensions	Length	Type of installation
SCHAKELAAR IN-/UITSCHAKELEN SLUISFUNCTIE (109072) *	109072	192 x 164 x 87 mm	192 mm	Surface-mounted installation, Flush-mounted installation

* 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.