

BERMA SERIES

HYDRAULIC AUTOMATION FOR COUNTERWEIGHT OVERHEAD DOORS



Opens the future



• **A MODEL FOR EVERY NEED.**

→ Several versions available, with slowdown, with slowdown and external release and with slowdown and automatic release, for automating doors including large ones.

• **SMART TECHNOLOGY.**

→ Hydraulic locking on closing and internal release (also external in SEB versions).
→ Incorporated slowdown device (in the Berma R, Berma SEB R and Berma SA R models).

• **SAFE USE.**

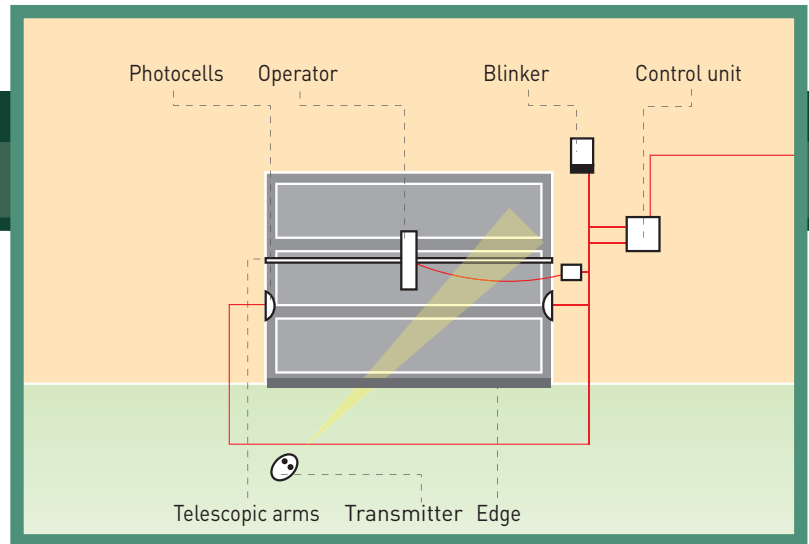
→ Hydraulic antisquashing system.

CODE	DESCRIPTION	VOLTAGE	DOOR SURFACE
P915007 00001	BERMA R	230 V	9 m ² (1 operator), over 9 m ² (2 operators)
P915105 00001	BERMA SEB R	230 V	9 m ² (1 operator), over 9 m ² (2 operators)
P915009 00001	BERMA SA R	230 V	9 m ² (1 operator), over 9 m ² (2 operators)

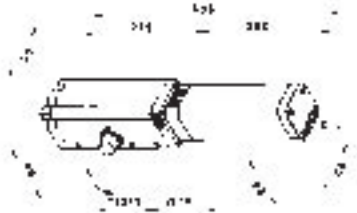
TECHNICAL FEATURES

	BERMA R	BERMA SEB R
CONTROL PANEL	RIGEL 5 (suggested)	RIGEL 5 (suggested)
REVERSIBLE/IRREVERSIBLE OPERATOR	irreversible	irreversible
POWER SUPPLY	230 V~ ± 10%, 50 Hz single-phase	230 V~ ± 10%, 50 Hz single-phase
ABSORBED POWER	250 W	250 W
THERMAL PROTECTION	160°C	160°C
OPENING OR CLOSING TIME	25 s	25 s
IMPACT REACTION	electronic torque limiter integrated in the control panel	electronic torque limiter integrated in the control panel
MANUAL RELEASE	knob release	release key
OPERATING CYCLE	very intensive use	very intensive use
ENVIRONMENTAL CONDITIONS	from -10°C to + 60°C	from -10°C to + 60°C
DEGREE OF PROTECTION	IPX5	IPX5
OPERATOR WEIGHT	100 N (~10 kg)	100 N (~10 kg)
DIMENSIONS	see drawing	see drawing
	BERMA SA R	
CONTROL PANEL	RIGEL 5 (suggested)	
REVERSIBLE/IRREVERSIBLE OPERATOR	irreversible	
POWER SUPPLY	230 V~ ± 10%, 50 Hz single-phase	
ABSORBED POWER	250 W	
THERMAL PROTECTION	160°C	
OPENING OR CLOSING TIME	25 s	
IMPACT REACTION	electronic torque limiter integrated in the control panel	
MANUAL RELEASE	knob release	
OPERATING CYCLE	very intensive use	
ENVIRONMENTAL CONDITIONS	from -10°C to + 60°C	
DEGREE OF PROTECTION	IPX5	
OPERATOR WEIGHT	100 N (~10 kg)	
DIMENSIONS	see drawing	

RESIDENTIAL USE



DIMENSIONS



ACCESSORIES

D113693 00003 - RIGEL 5



• Universal control panel suitable for one or two 600W/230V motors (max 600+600W). • Easy to wire also for centralised connections thanks to

extractable terminals and the AUTODIAGNOSIS function. • Safety thanks to control of braking and the motor torque. • Complete with extractable 2-channel receiver, ready for fast coupling to receivers with greater capacity and advanced functions. • Total control of programming by digital display and three simple buttons.



D113680 00002 - ALPHA SD

• Ideal control panel for one or two motors up to 230V/0.5 HP of the sliding, swing and shutter type. • Easy wiring thanks to extractable terminals blocks. • Safety thanks to the

AUTODIAGNOSIS function with LEDs for detecting faults. • Complete with integrated two-channel receiver, pedestrian management, can manage a second snap-in receiver with advanced function. • Analogue programming for the operating parameters and digital for managing the radio system. • Easy use with previous systems thanks to total compatibility with MIZAR.



D113706 00002 - ALCOR N

• Ideal control panel for one or two motors up to 230V/0.5 HP of the swing type. • Easy wiring thanks to extractable terminals blocks. • Safety thanks to the

AUTODIAGNOSIS function with LEDs for detecting faults. • Complete with incorporated two-channel receiver and pedestrian management. • Programming upgraded with the following functions: locked shut maintenance, 3/4 step logic, pedestrian closure, separate opening/closing. • Easy use with previous systems thanks to total compatibility with ALCOR SD.



P111376 - SCS 1

Serial connection board for QSC D MA, LIBRA C MA, LIBRA C MV, LIBRA C LX, VENERE D, LEO D MA, LEO MV, RIGEL 5 and ALTAIR P.



P111408 - SCS WIE

Circuit board for direct connection of wiegand accessories (such as SELETTO, COMPAS SLIM, etc) to the control units QSC D MA, LIBRA C MA, LIBRA C MV, LIBRA C LX, VENERE D, LEO D MA, LEO MV, RIGEL 5 and ALTAIR P.



N733038 - CA1

Set of accessories for installation of 1 operator. Max length 4 m. Comprising telescopic arms, longitudinal members, tubes for overhead doors.



N733039 - CA1C

Set of accessories for installation of 1 operator. Max length 4 m. Comprising curved telescopic arms, longitudinal members.



N733040 - CA2

Set of accessories for installation of two operators. Length over 4 m. Comprising telescopic arms, longitudinal members.



N733041 - CA2C

Set of accessories for installation of two operators. Length over 4 m. Comprising curved telescopic arms, longitudinal members, tubes for overhead doors.



N733020 - SEB

External key release for BERMA, FORB and IGEA LB BT models.



P123007 - SEI

Hydraulic lock for BERMA SA and BERMA SA R models. Including connection pipe.



D113050 - SPL

Preheating board for 1 or 2 LUX, SUB, ORO, P4.5-P7, BERMA and E5 operator models. With this accessory the operator is able to work at very low temperature.



D111704 - SSR5

Traffic light and preheating control board for RIGEL 5 control panel. The operator is able to work at -20° with this accessory.



P115005 - SM1

External manual release with single cable control to be fitted to the cremone bolt. Obligatory if there are no secondary access doors to the premises.



P115001 - SM2

External manual release with double cable control to be fitted to the cremone bolt. Compulsory if there are no secondary access doors to the place.



P121016 - RB

Four channels wall radio control with rolling code.

For system composition and installation refer to the regulations in force in the country where the system is being installed. The indicated data are not binding. BFT reserves the right to make modifications without prior notice.