DC BARRIER GATE SERIES

THINKPARK

DC24V

Model No: SXK-D20

DC BRUSHLESS BARRIER GATE



DC Brushless Motor

Adjustable Gate Speed

Gate-in-position Deceleration

Left/Right Movement Interchange

Power On Self-Test

24V DC Voltage Safe and Reliable

State Position Memory

Obstacle Return

Anti-Freeze

Power off and Gate Open

Product Description

SXK-D20 DC brushless barrier gate is a intelligent control system. Powered by a 24V DC power supply, it incorporates advanced brushless motor technology to deliver safe, quiet, and energy-efficient operation across a wide range of environmental conditions. The controller features multi-stage speed control, comprehensive protection mechanisms, and extensive parameter configurability, making it suitable for parking management, toll stations, and access control applications.

Features

Safety	24V DC low-voltage power supply ensures personal safety during installation and maintenance
Energy Efficient	Static power consumption less than 2W, supporting motors up to 200W maximum power
Quiet Operation	Working noise below 50dB, ideal for residential and noise-sensitive environments
Smooth Performance	Multi-stage speed design ensures stable boom movement without abrupt starts or stops
Independent Speed Control	Boom raising and lowering speeds can be adjusted independently
Comprehensive Protection	Motor overcurrent, overload, short circuit, reverse polarity, and motor fault protection
Wide Temperature Range	Operates reliably from -30°C to 75°C
Anti-freeze & Anti-rust	Built-in automatic anti-freeze and anti-rust functions for long-term durability
Multiple I/O Options	Supports external remote control input, relay outputs, and loop detector integration

Basic Parameters

Working Voltage	DC24V,7.5A
Output Power	100W
MCBF	5 million times
Surface treatment	High temperature powder coating
Case color	Agate Black/ Champagne Gold
Arm length	2~6m
Gate open/close time adjustment	1.5~6S
Gate-in-position stability adjustment	Support
Anti-smashing sensitivity adjustment	Support
Motor strength adjustment	Support
Gate position adjustment	Support
Test mode adjustment	Support
Working temperature	-30℃~ +75℃
Working humidity	Within 90%(no dewdrops)
Motor speed	1500r/min
Insulation grade	F
Intelligent obstacle return	Support
An-smashing strength adjustment	Support
Power-off and gate opening	Support, need extra backup power Support
Power on self test	Support
Case dimension	330*260*980mm

Product Dimension unit: mm

