



Model 6 Yard Switch Machine

Proven Trailing Performance for Yards and Depots

The Model 6 Switch Machine sets the industry standard for trailable switching in yards and depots. Backed by over 90 years of proven performance, it is the trusted choice for flat yards, hump yards, industrial sidings, and any location demanding a rugged, reliable trailable solution.



KB SIGNALING™

Model 6 Yard Switch Machine

Key Benefits

- Yard Application – constructed of durable material, with over 90 years of proven field service in the harshest conditions
- Motor Voltage 110 AC or DC
- 3,4,5 wire control options
- .7 & 1.5 sec throw time
- Electro-Mechanical
- Low Profile

General Description

The KB Signaling Model 6 Switch Machine has evolved to become the industry standard for trailable switching needs in yards and depots. With over 90 years of proven performance, it is the preferred choice for flat yards, hump yards, industrial sidings, and anywhere a rugged trailable solution is required.

The machine has ample power for throwing switches of large rail and has one of the fastest throw times available (.7 seconds), crucial for hump-yard timing requirements. The trailing mechanism is constructed so it can be trailed without damaging the machine, switch points, or layout components. Manual operation is available by using a hand crank.

Customer Benefits

Flexible Power Sources

The new AC module allows control of the Model 6 machine using 110 VAC. The module converts any standard DC Model 6 machine into a 4- or 5-wire AC switch machine. The module is a solid-state design, eliminating the reliability issues of non-vital electro-mechanical contactors. It also implements vital safety design techniques which can improve safe operation of yard systems, reduce risk of costly derailments and personal hazards. By eliminating the need to rewire existing AC yard control systems, construction wiring costs are eliminated, and reliability is improved through a superior Model 6 machine.

Long Life

The Model 6 is constructed with strong frame castings and oversized internal drive-train gearing, built to withstand decades of use in the harshest conditions. This reliable design allows for more efficient rail operations and increased availability of maintenance resources. By delivering a mature and dependable design, KB Signaling's Model 6 provides peace of mind for all your switching needs.



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Specifications

Application	Trailable (yards, depots)
Manual Operation	Hand crank
Point Detection	Non-vital detection, needs a circuit controller to make it vital
Thrust (lbs.) max	1,750 or 2,250
Power Wiring	3-wire - 110 DC; 4-wire - 110 AC; or 5-wire 110 AC
Voltage	110 DC or AC (AC interface module option)
AC Interface Module	110-VAC Power, 2- or 3-wire 110 VAC control
Operating Time (approx.): 110 volts	.7 or 1.5 sec.
Length x Width x Height (inches)	59.25" x 39.25" x 9.5"
Throw Distance (inches)	5.5"
Dynamic Motor Snubbing	Yes

Ordering Information

Part Number	Description
52500-004-26	Model 6: Regular speed (1.5 sec), DC power (2-wire)
52500-004-27	Model 6: Regular speed (1.5 sec), AC power (4-wire, 5-wire) **includes new AC module
52500-004-18	Model 6: Regular speed (1.5 sec), DC power (3-wire)
A85-0701	Model 6: Regular speed (1.5 sec), DC power (3-wire) transformer group, hand crank
52500-004-08	Model 6: High speed (.6 sec), DC power (3-wire)
A85-0706	Model 6: High speed (.6 sec), DC power (3-Wire), transformer group, hand crank
52500-004-28	Model 6: High speed (.6 sec), high-torque motor

Optional Equipment

54532-126-01	DC conversion kit (2-wire control)
59649-249-01	AC conversion kit (4-wire & 5-wire control)
52506-003-01	Transformer group
54477-002-01	Hand crank
P1383	Manual



Contact your KB Signaling Business Development Manager
Call 1-800-825-7090, or Email us at kbsignaling.techsupport@knorr-bremse.com for more information today.

KB Signaling

2712 S. Dillingham Rd
Grain Valley, MO 64029
Phone: +1 800-825-7090
www.kb-signaling.com

