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S 700K-C 电动转辙机

S 700K-C Electric Point Machine



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S 700K-C Electric Point Machine

低维护、耐震构造、高性能

Low Maintenance, Rugged Construction,
High Reliability

西门子S 700 K-C 电动转辙机可以应用于所有的外锁闭道岔和一定情况下无外锁闭的道岔，它还能操作心轨和脱轨器。此外，S 700 K-C 电动转辙机还适用于专业铁路上特殊安全要求的闭塞和锁闭设备的操作。

S 700 K-C 电动转辙机有以下功能：

- 转换道岔（道岔尖轨、可动心轨辙叉）及脱轨器；
- 尖轨在终端位置的保持力；
- 可动心轨的机械保持力；
- 转换操作和道岔在终端位置的电气指标；
- 当道岔被挤岔时保持器打开，并将道岔挤岔信息传递到控制室（可挤型）。

The S 700 K-C Electric Point Machine from Siemens can be used with all points with external locking and under certain conditions also with points without external locking. Derailers and swing noses can also be operated using this point machine. Besides, the S 700 K-C Electric Point Machine is suitable for the operation of latching and locking equipment with special safety requirements in industrial railways.

The S 700 K-C Electric Point Machine performs the following functions

- Throwing of points (point blades and, if necessary, swing nose) and derailleurs;
- Retention of point blades in the end positions;
- Mechanical securing of point locking;
- Electrical indication of the throwing operation and blade end position;
- Opening of retention clutch when a set of points is trailed and issuing of a "points trailed" indication to the detection facility (for trailable point machines).



S 700K-C 电动转辙机 S 700K-C Electric Point Machine

保障列车安全行驶
Putting you on the right track



S 700 K-C 电动转辙机能够使铁路机构的运营成本降到最低点。除了高可靠性，电动转辙机还有以下优点：

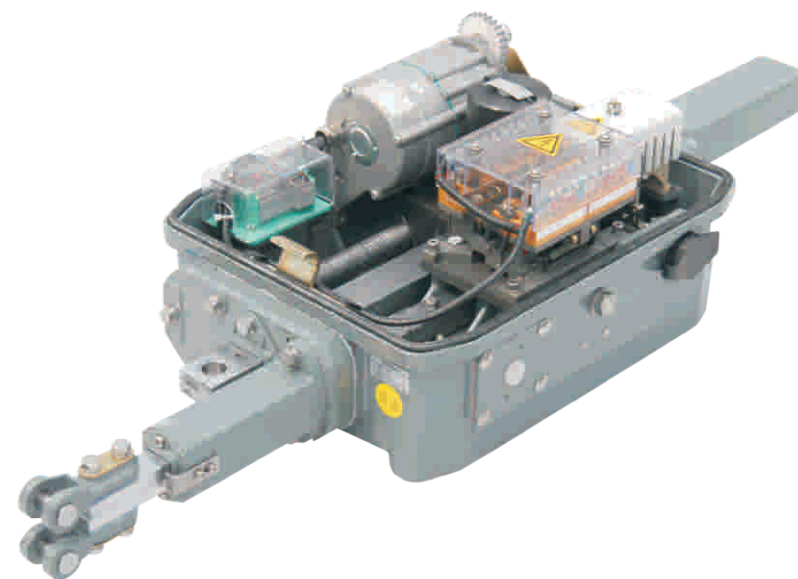
产品特点：

- 耐用测试寿命为一百万次动作；
- 适用于干线（含高速铁路线）和支线；
- 重量轻，占地少；
- 模块化设计缩短了维修时间（如遇破坏）；
- 高品质的器件提高了可用性。

Every railway authority wants to reduce its operating cost to a minimum. That is exactly why state-of-the-art railway signalling and safety systems such as the S 700 K-C Electric Point Machine are so attractive. In addition to high reliability, this Electric Point Machine offers the following:

Customer Benefits:

- Durability testing life is one million throwing operations;
- Suitable for use on suburban and main lines(also high-speed ones);
- Low weight and low space requirements;
- Short repair times through modular design (e.g.in case of damage);
- High availability through top-quality components.



数据参数
Technical Data



电流电压	380 V AC , 50 Hz ±2%
工作电流	≤2 A (54 Ω)
最大启动电流	<8A
动作时间	≤6.6s (*对 240 mm动作时间≤7.2 s)
线路电阻 (单线)	<54 Ω
单机功率	400 W
动程	240 / 220 / 150 mm
尖轨开程	69 —180 mm
转换力	2000 —6000 N
挤岔阻力	24 KN / 90 KN
长度	1261 mm
宽度	434 mm
高度	290 mm
重量	110 kg
环境温度	- 40℃ ~ 70 °C
耐压	2400V, 50Hz
试验寿命	≥1 x 10 ⁶ 次

Rated voltage	380 V AC , 50 Hz ±2%
Rated current	≤2 A (54 Ω)
Maximum starting current	<8A
Operating time	≤6.6s (*for 240 mm throwing stroke,the operating time ≤7.2 s)
Line resistance (single line)	<54 Ω
Power output (motor)	400 W
Throwing stroke	240 / 220 / 150 mm
Pointing opening	69 —180 mm
Throwing force 2	2000 —6000 N
Trailing resistance	24 KN / 90 KN
Length	1261 mm
Width	434 mm
Height	290 mm
Weight	110 kg
Temperature range	- 40℃ to 70 °C
Test voltage	2400V, 50Hz
Test Life	≥1 x 10 ⁶ Throwing operations