**Remote lock and unlock**  
**Single or multi-point**  
**Low power, gear motor driven mechanism**  
**Momentary or continuous lock actuation**  
**High Security DIN lock manual override**  
**Directly integrates with industry standard rack monitoring and access control systems**  
**Fits industry standard panel preparations**  
**Integrated sensors detect lock and handle status for network control, monitoring and alarm functions**  
**Accommodates both left and right doors**

Electronic locking swinghandle provides the functionality of a manual latching system with the added benefit of electronic locking for access control and remote monitoring.

The **SOUTHCO® Electronic Locking Swinghandle** can be combined with any access control device for a basic self contained electronic access solution.

Alternatively, the Electronic Swinghandle can provide access control to networked rack control and monitoring systems for addressable remote access control over the internet. Integrated lock sensors provide local LED indication plus generate output signals for remote access monitoring.

**Other options available. For complete details on variety, part numbers, installation and specification, go to www.southco.com/H3EM**
H3-EM Electronic Locking Swinghandle

Electronic access

Material & Finish
H3-EM Swinghandle
Housing, handle, mounting bracket: Glass-filled nylon, black
Shaft, rotation limiter: Die-cast zinc, bright sealer

Electrical Specifications
Recommended operating voltage: 12VDC to 24VDC
Typical operating current: Less than 200mA at 12 VDC
Peak / stall operating current: 1 Amp
Standby current: 50mA Max.
Output signal rating: 200mA Max. load

Connector Pin Assignment
PIN 1: Ground (-)
PIN 2: Power (+)
PIN 3: Not Used
PIN 4: Control signal
PIN 5: Electronic Lock status output
PIN 6: Mechanical lock status output

Mating Connector Detail
Hirose Electric Co. Ltd.
Part number DF11-6DS-2C
Crimp socket
Part number DF11-Series
Crimping contact for socket
24 AWG wire minimum recommended

Notes
For grip ranges 15.5-18.5 (.61-.73)
Max. cam length of 38 (1.5).
Frame edge distance of 30 (.18)
For grip ranges greater than 18.5 (.73) Max. cam length of 45 (1.77).
Frame edge distance of 37 (1.46)
For multipoint systems, select right or left hand gear box part number from table, then see Southco Handbook pages 264-265 for rod selection
Product shipped with 3 keys

Dimensions in millimeters (inch) unless otherwise stated

Swinghandle Part Number
H3-EM-60-100

Cam Part Number (order separately)
<table>
<thead>
<tr>
<th>Grip</th>
<th>Cam length 38 (1.5)</th>
<th>Cam length 45 (1.77)</th>
</tr>
</thead>
<tbody>
<tr>
<td>15.5 (.61)</td>
<td>E5-6710</td>
<td>-</td>
</tr>
<tr>
<td>17.5 (.69)</td>
<td>E5-6711</td>
<td>-</td>
</tr>
<tr>
<td>19.5 (.77)</td>
<td>E5-6712 E5-6112</td>
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</tr>
<tr>
<td>21.5 (.85)</td>
<td>E5-6713 E5-6113</td>
<td></td>
</tr>
<tr>
<td>23.5 (.93)</td>
<td>E5-6714 E5-6114</td>
<td></td>
</tr>
<tr>
<td>Other</td>
<td>Please contact Southco</td>
<td></td>
</tr>
</tbody>
</table>

Wire Harness with Mate connector (order separately)
<table>
<thead>
<tr>
<th>Part Number</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>EA-W01-100</td>
<td>1000 (39.4)</td>
</tr>
<tr>
<td>EA-W01-200</td>
<td>2000 (78.7)</td>
</tr>
</tbody>
</table>

Gear Box Part Number (order separately)
| H3-61-55-33 | Left Hand |
| H3-61-56-33 | Right Hand |

Other options available. For complete details on variety, part numbers, installation and specification, go to

http://www.southco.com/H3EM

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