



M2700FP-..

DE
EN
CN
IT
ES
FR
FI
CZ

1. Go to the online webpage by scanning the QR code.
2. Click on the "Downloads" tab to find the documents.

Service
Find your individual country contact here.

<http://new.abb.com/contact-centers>

Deutsch	<p>Standalone Fingerprint-Modul</p> <p>Bedienelemente</p> <table border="1"> <tr><td>1</td><td>Fingerprint-Wischbereich</td></tr> <tr><td>2</td><td>Fingerprint-LED</td></tr> </table> <p>Beschreibung der Schnittstelle</p> <table border="1"> <tr><td>1</td><td>Steckklemmen (a - b) für Busanschluss und Stromeingang</td></tr> <tr><td>2</td><td>Abschlusswiderstand In Videoinstallationen oder gemischten Audio- und Videoinstallationen muss der Schalter beim letzten angeschlossenen Gerät als "RC on" festgelegt werden.</td></tr> <tr><td>3</td><td>Adresse des Geräts festlegen (1...32)</td></tr> <tr><td>4</td><td>Nicht verfügbar</td></tr> </table>	1	Fingerprint-Wischbereich	2	Fingerprint-LED	1	Steckklemmen (a - b) für Busanschluss und Stromeingang	2	Abschlusswiderstand In Videoinstallationen oder gemischten Audio- und Videoinstallationen muss der Schalter beim letzten angeschlossenen Gerät als "RC on" festgelegt werden.	3	Adresse des Geräts festlegen (1...32)	4	Nicht verfügbar	<p>Inbetriebnahme</p> <p>Ersten Admin-Fingerabdruck anlegen Wenn im Modul kein Fingerabdruck erfasst ist, leuchtet die Fingerprint-LED bei eingeschaltetem Gerät im Wechsel grün, orange und rot. Den ersten Admin-Finger 3-5 Mal auflegen, bis die Fingerprint-LED grün leuchtet.</p> <p>Einstellungsmodus aufrufen Wischen Sie im Standby-Zustand 1 Mal mit einem beliebigen Admin-Finger, um den Einstellungsmodus aufzurufen. Die Fingerprint-LED leuchtet daraufhin orange.</p> <p>Benutzer-Fingerabdruck anlegen Wischen Sie im Einstellungsmodus 1 Mal mit einem Finger des aktuellen Admins und 3-5 Mal mit einem Benutzerfinger. * Aktueller Admin = Admin, mit dem der Einstellungsmodus aufgerufen wurde</p> <p>Benutzer-Fingerabdruck löschen Wischen Sie im Einstellungsmodus 2 Mal mit einem Finger des aktuellen Admins und 3-5 Mal mit einem registrierten Benutzerfinger.</p>	<p>Neuen Admin-Fingerabdruck anlegen Wischen Sie im Einstellungsmodus 3 Mal mit einem Finger des aktuellen Admins und 3-5 Mal mit einem neuen Admin-Finger.</p> <p>Admin-Fingerabdruck löschen Wischen Sie im Einstellungsmodus 4 Mal mit einem Finger des aktuellen Admins und 3-5 Mal mit einem registrierten Admin-Finger.</p> <p>Alle Benutzer-Fingerabdrücke löschen Wischen Sie im Einstellungsmodus 6 Mal mit einem Finger des aktuellen Admins.</p> <p>* Fingerprint-LED leuchtet grün, wenn der Vorgang erfolgreich war. * All diese Einstellungen können auch über die Management-Software am PC vorgenommen werden.</p> <p>Bedienung</p> <p>Entsperren des mit dem Schaltaktor verbundenen Schlosses</p> <p>1) Schaltaktor arbeitet in "Türöffner-Modus" 2) Fingerprint-Modul-Adresse = Schaltaktor-Adresse (1-32) Wischen Sie im Standby-Zustand mit dem Finger eines registrierten Benutzers</p>	<p>Technische Daten</p> <table border="1"> <tr><td>Eingang (a, b)</td><td>24 V $\overline{=}$</td></tr> <tr><td>Betriebsspannungsbereich</td><td>20-30 V $\overline{=}$</td></tr> <tr><td>Ruhestrom</td><td>24 V $\overline{=}$, 60 mA</td></tr> <tr><td>Betriebsstrom</td><td>24 V $\overline{=}$, 60 mA</td></tr> <tr><td>Betriebstemperatur</td><td>-25 °C...+55 °C</td></tr> <tr><td>Klemmen eindringt</td><td>2 x 0,28 mm²...2 x 0,75 mm²</td></tr> <tr><td>Klemmen feindringt</td><td>2 x 0,28 mm²...2 x 0,75 mm²</td></tr> <tr><td>IP-Level</td><td>IP 54</td></tr> <tr><td>IK-Level</td><td>IK 07</td></tr> </table>	Eingang (a, b)	24 V $\overline{=}$	Betriebsspannungsbereich	20-30 V $\overline{=}$	Ruhestrom	24 V $\overline{=}$, 60 mA	Betriebsstrom	24 V $\overline{=}$, 60 mA	Betriebstemperatur	-25 °C...+55 °C	Klemmen eindringt	2 x 0,28 mm ² ...2 x 0,75 mm ²	Klemmen feindringt	2 x 0,28 mm ² ...2 x 0,75 mm ²	IP-Level	IP 54	IK-Level	IK 07
	1	Fingerprint-Wischbereich																																
2	Fingerprint-LED																																	
1	Steckklemmen (a - b) für Busanschluss und Stromeingang																																	
2	Abschlusswiderstand In Videoinstallationen oder gemischten Audio- und Videoinstallationen muss der Schalter beim letzten angeschlossenen Gerät als "RC on" festgelegt werden.																																	
3	Adresse des Geräts festlegen (1...32)																																	
4	Nicht verfügbar																																	
Eingang (a, b)	24 V $\overline{=}$																																	
Betriebsspannungsbereich	20-30 V $\overline{=}$																																	
Ruhestrom	24 V $\overline{=}$, 60 mA																																	
Betriebsstrom	24 V $\overline{=}$, 60 mA																																	
Betriebstemperatur	-25 °C...+55 °C																																	
Klemmen eindringt	2 x 0,28 mm ² ...2 x 0,75 mm ²																																	
Klemmen feindringt	2 x 0,28 mm ² ...2 x 0,75 mm ²																																	
IP-Level	IP 54																																	
IK-Level	IK 07																																	
	<p>Standalone fingerprint module</p> <p>Control elements</p> <table border="1"> <tr><td>1</td><td>Fingerprint swipe area</td></tr> <tr><td>2</td><td>Fingerprint LED</td></tr> </table> <p>Interface description</p> <table border="1"> <tr><td>1</td><td>Plug-in clamps (a - b) for bus connection and power input</td></tr> <tr><td>2</td><td>Terminal resistor In video installations or mixed audio and video installations, the Switch must be set as 'RC on' on the last device of the line.</td></tr> <tr><td>3</td><td>Set the address of this device (1...32)</td></tr> <tr><td>4</td><td>N/A</td></tr> </table>	1	Fingerprint swipe area	2	Fingerprint LED	1	Plug-in clamps (a - b) for bus connection and power input	2	Terminal resistor In video installations or mixed audio and video installations, the Switch must be set as 'RC on' on the last device of the line.	3	Set the address of this device (1...32)	4	N/A	<p>Commissioning</p> <p>Create the first admin fingerprint If this module has not enrolled any fingerprint, fingerprint LED will flash green, orange and red in sequence when it is powered on. Swipe the first admin finger 3-5 times until fingerprint LED lights green.</p> <p>Enter setting mode In standby status, swipe any admin finger 1 time to enter setting mode, fingerprint LED will light orange.</p> <p>Create a user fingerprint In setting mode, swipe current admin finger 1 time and a user finger 3-5 times. * Current admin = the admin used to enter setting mode</p> <p>Delete a user fingerprint In setting mode, swipe current admin finger 2 times and an enrolled user finger 3-5 times.</p> <p>Create a new admin fingerprint In setting mode, swipe current admin finger 3 times and a new admin finger 3-5 times.</p>	<p>Delete an admin fingerprint In setting mode, swipe current admin finger 4 times and an enrolled admin finger 3-5 times.</p> <p>Delete all user fingerprint In setting mode, swipe current admin finger 6 times.</p> <p>* Fingerprint LED will light green if successful. * All the settings can also be done via PC management software.</p> <p>Operation</p> <p>Release the lock connected to the switch actuator</p> <p>1) Switch actuator works in "Door opener mode" 2) Fingerprint module address = switch actuator address (1-32) In standby status, swipe an enrolled user finger</p> <p>This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. The complete of FCC information is available at the package shipped with the product.</p>	<p>Technical data</p> <table border="1"> <tr><td>Input (a, b)</td><td>24 V $\overline{=}$</td></tr> <tr><td>Operating voltage range</td><td>20-30 V $\overline{=}$</td></tr> <tr><td>Standby current</td><td>24 V $\overline{=}$, 60 mA</td></tr> <tr><td>Operating current</td><td>24 V $\overline{=}$, 60 mA</td></tr> <tr><td>Operating temperature</td><td>-25 °C...+55 °C</td></tr> <tr><td>Single-wire clamps</td><td>2 x 0,28 mm²...2 x 0,75 mm²</td></tr> <tr><td>Fine-wire clamps</td><td>2 x 0,28 mm²...2 x 0,75 mm²</td></tr> <tr><td>IP level</td><td>IP 54</td></tr> <tr><td>IK level</td><td>IK 07</td></tr> </table>	Input (a, b)	24 V $\overline{=}$	Operating voltage range	20-30 V $\overline{=}$	Standby current	24 V $\overline{=}$, 60 mA	Operating current	24 V $\overline{=}$, 60 mA	Operating temperature	-25 °C...+55 °C	Single-wire clamps	2 x 0,28 mm ² ...2 x 0,75 mm ²	Fine-wire clamps	2 x 0,28 mm ² ...2 x 0,75 mm ²	IP level	IP 54	IK level	IK 07
1	Fingerprint swipe area																																	
2	Fingerprint LED																																	
1	Plug-in clamps (a - b) for bus connection and power input																																	
2	Terminal resistor In video installations or mixed audio and video installations, the Switch must be set as 'RC on' on the last device of the line.																																	
3	Set the address of this device (1...32)																																	
4	N/A																																	
Input (a, b)	24 V $\overline{=}$																																	
Operating voltage range	20-30 V $\overline{=}$																																	
Standby current	24 V $\overline{=}$, 60 mA																																	
Operating current	24 V $\overline{=}$, 60 mA																																	
Operating temperature	-25 °C...+55 °C																																	
Single-wire clamps	2 x 0,28 mm ² ...2 x 0,75 mm ²																																	
Fine-wire clamps	2 x 0,28 mm ² ...2 x 0,75 mm ²																																	
IP level	IP 54																																	
IK level	IK 07																																	

English	<p>Standalone fingerprint module</p> <p>Control elements</p> <table border="1"> <tr><td>1</td><td>Fingerprint swipe area</td></tr> <tr><td>2</td><td>Fingerprint LED</td></tr> </table> <p>Interface description</p> <table border="1"> <tr><td>1</td><td>Plug-in clamps (a - b) for bus connection and power input</td></tr> <tr><td>2</td><td>Terminal resistor In video installations or mixed audio and video installations, the Switch must be set as 'RC on' on the last device of the line.</td></tr> <tr><td>3</td><td>Set the address of this device (1...32)</td></tr> <tr><td>4</td><td>N/A</td></tr> </table>	1	Fingerprint swipe area	2	Fingerprint LED	1	Plug-in clamps (a - b) for bus connection and power input	2	Terminal resistor In video installations or mixed audio and video installations, the Switch must be set as 'RC on' on the last device of the line.	3	Set the address of this device (1...32)	4	N/A	<p>Commissioning</p> <p>Create the first admin fingerprint If this module has not enrolled any fingerprint, fingerprint LED will flash green, orange and red in sequence when it is powered on. Swipe the first admin finger 3-5 times until fingerprint LED lights green.</p> <p>Enter setting mode In standby status, swipe any admin finger 1 time to enter setting mode, fingerprint LED will light orange.</p> <p>Create a user fingerprint In setting mode, swipe current admin finger 1 time and a user finger 3-5 times. * Current admin = the admin used to enter setting mode</p> <p>Delete a user fingerprint In setting mode, swipe current admin finger 2 times and an enrolled user finger 3-5 times.</p> <p>Create a new admin fingerprint In setting mode, swipe current admin finger 3 times and a new admin finger 3-5 times.</p>	<p>Delete an admin fingerprint In setting mode, swipe current admin finger 4 times and an enrolled admin finger 3-5 times.</p> <p>Delete all user fingerprint In setting mode, swipe current admin finger 6 times.</p> <p>* Fingerprint LED will light green if successful. * All the settings can also be done via PC management software.</p> <p>Operation</p> <p>Release the lock connected to the switch actuator</p> <p>1) Switch actuator works in "Door opener mode" 2) Fingerprint module address = switch actuator address (1-32) In standby status, swipe an enrolled user finger</p> <p>This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. The complete of FCC information is available at the package shipped with the product.</p>	<p>Technical data</p> <table border="1"> <tr><td>Input (a, b)</td><td>24 V $\overline{=}$</td></tr> <tr><td>Operating voltage range</td><td>20-30 V $\overline{=}$</td></tr> <tr><td>Standby current</td><td>24 V $\overline{=}$, 60 mA</td></tr> <tr><td>Operating current</td><td>24 V $\overline{=}$, 60 mA</td></tr> <tr><td>Operating temperature</td><td>-25 °C...+55 °C</td></tr> <tr><td>Single-wire clamps</td><td>2 x 0,28 mm²...2 x 0,75 mm²</td></tr> <tr><td>Fine-wire clamps</td><td>2 x 0,28 mm²...2 x 0,75 mm²</td></tr> <tr><td>IP level</td><td>IP 54</td></tr> <tr><td>IK level</td><td>IK 07</td></tr> </table>	Input (a, b)	24 V $\overline{=}$	Operating voltage range	20-30 V $\overline{=}$	Standby current	24 V $\overline{=}$, 60 mA	Operating current	24 V $\overline{=}$, 60 mA	Operating temperature	-25 °C...+55 °C	Single-wire clamps	2 x 0,28 mm ² ...2 x 0,75 mm ²	Fine-wire clamps	2 x 0,28 mm ² ...2 x 0,75 mm ²	IP level	IP 54	IK level	IK 07
	1	Fingerprint swipe area																																
2	Fingerprint LED																																	
1	Plug-in clamps (a - b) for bus connection and power input																																	
2	Terminal resistor In video installations or mixed audio and video installations, the Switch must be set as 'RC on' on the last device of the line.																																	
3	Set the address of this device (1...32)																																	
4	N/A																																	
Input (a, b)	24 V $\overline{=}$																																	
Operating voltage range	20-30 V $\overline{=}$																																	
Standby current	24 V $\overline{=}$, 60 mA																																	
Operating current	24 V $\overline{=}$, 60 mA																																	
Operating temperature	-25 °C...+55 °C																																	
Single-wire clamps	2 x 0,28 mm ² ...2 x 0,75 mm ²																																	
Fine-wire clamps	2 x 0,28 mm ² ...2 x 0,75 mm ²																																	
IP level	IP 54																																	
IK level	IK 07																																	
	<p>独立指纹模块</p> <p>控制元件</p> <table border="1"> <tr><td>1</td><td>刷指纹位置</td></tr> <tr><td>2</td><td>指纹指示灯</td></tr> </table> <p>接口介绍</p> <table border="1"> <tr><td>1</td><td>(a - b) 作为系统总线接口与电源输入接口</td></tr> <tr><td>2</td><td>末端阻抗 在纯可视或混合可视的环境下，线路末端的设备需要拨码为 'RC on'。</td></tr> <tr><td>3</td><td>设置该设备的地址 (1...32)</td></tr> <tr><td>4</td><td>N/A</td></tr> </table>	1	刷指纹位置	2	指纹指示灯	1	(a - b) 作为系统总线接口与电源输入接口	2	末端阻抗 在纯可视或混合可视的环境下，线路末端的设备需要拨码为 'RC on'。	3	设置该设备的地址 (1...32)	4	N/A	<p>调试</p> <p>创建第一个管理员指纹 如果此模块尚未注册任何指纹，在该设备上电时，指纹指示灯会依次闪烁绿色，橙色和红色。 刷第一个管理员的指纹 3-5 次，直到指纹指示灯亮绿色。</p> <p>进入设置模式 在待机状态下，刷任何管理员的指纹 1 次进入设置模式，指纹指示灯亮橙色。</p> <p>创建用户指纹 在设置模式下，刷当前管理员指纹 1 次，刷用户指纹 3-5 次。 * 当前管理员 = 进入设置模式的管理员</p> <p>删除用户指纹 在设置模式下，刷当前管理员指纹 2 次，刷用户指纹 3-5 次。</p>	<p>创建新的管理员指纹 在设置模式下，刷当前管理员指纹 3 次，刷新的管理员指纹 3-5 次。</p> <p>删除管理员指纹 在设置模式下，刷当前管理员指纹 4 次，刷已注册的管理员指纹 3-5 次。</p> <p>删除所有用户指纹 在设置模式下，刷当前管理员指纹 6 次。</p> <p>* 操作成功时指纹指示灯亮绿色。 * 所有设置都可以在 PC 管理软件上完成。</p> <p>操作</p> <p>打开连接在开关执行器上的锁</p> <p>1) 开关执行器工作在 "开锁模式" 2) 指纹模块地址 = 开关执行器地址 (1-32) 待机状态下，刷已注册的用户指纹</p>	<p>技术参数</p> <table border="1"> <tr><td>输入 (a, b)</td><td>24 V $\overline{=}$</td></tr> <tr><td>工作电压范围</td><td>20-30 V $\overline{=}$</td></tr> <tr><td>待机电流</td><td>24 V $\overline{=}$, 60 mA</td></tr> <tr><td>工作电流</td><td>24 V $\overline{=}$, 60 mA</td></tr> <tr><td>环境温度</td><td>-25 °C...+55 °C</td></tr> <tr><td>单股线</td><td>2 x 0,28 mm²...2 x 0,75 mm²</td></tr> <tr><td>多股线</td><td>2 x 0,28 mm²...2 x 0,75 mm²</td></tr> <tr><td>IP 等级</td><td>IP 54</td></tr> <tr><td>IK 等级</td><td>IK 07</td></tr> </table>	输入 (a, b)	24 V $\overline{=}$	工作电压范围	20-30 V $\overline{=}$	待机电流	24 V $\overline{=}$, 60 mA	工作电流	24 V $\overline{=}$, 60 mA	环境温度	-25 °C...+55 °C	单股线	2 x 0,28 mm ² ...2 x 0,75 mm ²	多股线	2 x 0,28 mm ² ...2 x 0,75 mm ²	IP 等级	IP 54	IK 等级	IK 07
1	刷指纹位置																																	
2	指纹指示灯																																	
1	(a - b) 作为系统总线接口与电源输入接口																																	
2	末端阻抗 在纯可视或混合可视的环境下，线路末端的设备需要拨码为 'RC on'。																																	
3	设置该设备的地址 (1...32)																																	
4	N/A																																	
输入 (a, b)	24 V $\overline{=}$																																	
工作电压范围	20-30 V $\overline{=}$																																	
待机电流	24 V $\overline{=}$, 60 mA																																	
工作电流	24 V $\overline{=}$, 60 mA																																	
环境温度	-25 °C...+55 °C																																	
单股线	2 x 0,28 mm ² ...2 x 0,75 mm ²																																	
多股线	2 x 0,28 mm ² ...2 x 0,75 mm ²																																	
IP 等级	IP 54																																	
IK 等级	IK 07																																	

中文	<p>Standalone fingerprint module</p> <p>Control elements</p> <table border="1"> <tr><td>1</td><td>Fingerprint swipe area</td></tr> <tr><td>2</td><td>Fingerprint LED</td></tr> </table> <p>Interface description</p> <table border="1"> <tr><td>1</td><td>Plug-in clamps (a - b) for bus connection and power input</td></tr> <tr><td>2</td><td>Terminal resistor In video installations or mixed audio and video installations, the Switch must be set as 'RC on' on the last device of the line.</td></tr> <tr><td>3</td><td>Set the address of this device (1...32)</td></tr> <tr><td>4</td><td>N/A</td></tr> </table>	1	Fingerprint swipe area	2	Fingerprint LED	1	Plug-in clamps (a - b) for bus connection and power input	2	Terminal resistor In video installations or mixed audio and video installations, the Switch must be set as 'RC on' on the last device of the line.	3	Set the address of this device (1...32)	4	N/A	<p>Commissioning</p> <p>Create the first admin fingerprint If this module has not enrolled any fingerprint, fingerprint LED will flash green, orange and red in sequence when it is powered on. Swipe the first admin finger 3-5 times until fingerprint LED lights green.</p> <p>Enter setting mode In standby status, swipe any admin finger 1 time to enter setting mode, fingerprint LED will light orange.</p> <p>Create a user fingerprint In setting mode, swipe current admin finger 1 time and a user finger 3-5 times. * Current admin = the admin used to enter setting mode</p> <p>Delete a user fingerprint In setting mode, swipe current admin finger 2 times and an enrolled user finger 3-5 times.</p> <p>Create a new admin fingerprint In setting mode, swipe current admin finger 3 times and a new admin finger 3-5 times.</p>	<p>Delete an admin fingerprint In setting mode, swipe current admin finger 4 times and an enrolled admin finger 3-5 times.</p> <p>Delete all user fingerprint In setting mode, swipe current admin finger 6 times.</p> <p>* Fingerprint LED will light green if successful. * All the settings can also be done via PC management software.</p> <p>Operation</p> <p>Release the lock connected to the switch actuator</p> <p>1) Switch actuator works in "Door opener mode" 2) Fingerprint module address = switch actuator address (1-32) In standby status, swipe an enrolled user finger</p> <p>This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. The complete of FCC information is available at the package shipped with the product.</p>	<p>Technical data</p> <table border="1"> <tr><td>Input (a, b)</td><td>24 V $\overline{=}$</td></tr> <tr><td>Operating voltage range</td><td>20-30 V $\overline{=}$</td></tr> <tr><td>Standby current</td><td>24 V $\overline{=}$, 60 mA</td></tr> <tr><td>Operating current</td><td>24 V $\overline{=}$, 60 mA</td></tr> <tr><td>Operating temperature</td><td>-25 °C...+55 °C</td></tr> <tr><td>Single-wire clamps</td><td>2 x 0,28 mm²...2 x 0,75 mm²</td></tr> <tr><td>Fine-wire clamps</td><td>2 x 0,28 mm²...2 x 0,75 mm²</td></tr> <tr><td>IP level</td><td>IP 54</td></tr> <tr><td>IK level</td><td>IK 07</td></tr> </table>	Input (a, b)	24 V $\overline{=}$	Operating voltage range	20-30 V $\overline{=}$	Standby current	24 V $\overline{=}$, 60 mA	Operating current	24 V $\overline{=}$, 60 mA	Operating temperature	-25 °C...+55 °C	Single-wire clamps	2 x 0,28 mm ² ...2 x 0,75 mm ²	Fine-wire clamps	2 x 0,28 mm ² ...2 x 0,75 mm ²	IP level	IP 54	IK level	IK 07
	1	Fingerprint swipe area																																
2	Fingerprint LED																																	
1	Plug-in clamps (a - b) for bus connection and power input																																	
2	Terminal resistor In video installations or mixed audio and video installations, the Switch must be set as 'RC on' on the last device of the line.																																	
3	Set the address of this device (1...32)																																	
4	N/A																																	
Input (a, b)	24 V $\overline{=}$																																	
Operating voltage range	20-30 V $\overline{=}$																																	
Standby current	24 V $\overline{=}$, 60 mA																																	
Operating current	24 V $\overline{=}$, 60 mA																																	
Operating temperature	-25 °C...+55 °C																																	
Single-wire clamps	2 x 0,28 mm ² ...2 x 0,75 mm ²																																	
Fine-wire clamps	2 x 0,28 mm ² ...2 x 0,75 mm ²																																	
IP level	IP 54																																	
IK level	IK 07																																	
	<p>Modulo impronte autonomo</p> <p>Elementi di controllo</p> <table border="1"> <tr><td>1</td><td>Area passaggio impronta</td></tr> <tr><td>2</td><td>LED impronte</td></tr> </table> <p>Descrizione dell'interfaccia</p> <table border="1"> <tr><td>1</td><td>Morsetti plug-in (a - b) per collegamento bus e ingresso alimentazione</td></tr> <tr><td>2</td><td>Resistenza di terminazione Nelle installazioni video o in installazioni miste audio e video, nell'ultimo apparecchio della linea l'interruttore deve essere impostato su "RC on" (ON=RC on).</td></tr> <tr><td>3</td><td>Imposta l'indirizzo dell'apparecchio (1...32)</td></tr> <tr><td>4</td><td>N/A</td></tr> </table>	1	Area passaggio impronta	2	LED impronte	1	Morsetti plug-in (a - b) per collegamento bus e ingresso alimentazione	2	Resistenza di terminazione Nelle installazioni video o in installazioni miste audio e video, nell'ultimo apparecchio della linea l'interruttore deve essere impostato su "RC on" (ON=RC on).	3	Imposta l'indirizzo dell'apparecchio (1...32)	4	N/A	<p>Messa in servizio</p> <p>Creazione della prima impronta admin Se non sono registrate impronte su questo modulo, il LED impronte lampeggia nella sequenza verde, arancione e rosso, ad apparecchio acceso. Passare 3-5 volte il primo dito admin finché il LED impronte non si accende di luce verde.</p> <p>Attivazione della modalità Impostazioni In stato di standby, passare 1 volta un qualsiasi dito admin per attivare la modalità Impostazioni, il LED impronte si accende di luce arancione.</p> <p>Creazione di un'impronta utente In modalità Impostazioni, passare 1 volta l'attuale dito admin e 3-5 volte un dito utente. * admin attuale = l'admin utilizzato per attivare la modalità Impostazioni</p> <p>Cancellazione di un'impronta utente In modalità Impostazioni, passare 2 volte l'attuale dito admin e 3-5 volte un dito utente registrato.</p>	<p>Creazione di una nuova impronta admin In modalità Impostazioni, passare 3 volte l'attuale dito admin e 3-5 volte un nuovo dito admin.</p> <p>Cancellazione di un'impronta admin In modalità Impostazioni, passare 4 volte l'attuale dito admin e 3-5 volte un dito admin registrato.</p> <p>Cancellazione di tutte le impronte utente In modalità Impostazioni, passare 6 volte l'attuale dito admin.</p> <p>* Il LED impronte si accende di luce verde, ad operazione riuscita. * Tutte le impostazioni sono configurabili anche con il software di gestione del computer.</p> <p>Funzionamento</p> <p>Rilascio della serratura collegata all'attuatore di commutazione</p> <p>1) L'attuatore di commutazione funziona in "Modalità apriporta" 2) Indirizzo del modulo impronte = indirizzo dell'attuatore di commutazione (1-32) In stato di standby, passare un dito utente registrato</p>	<p>Dati tecnici</p> <table border="1"> <tr><td>Ingresso (a, b)</td><td>24 V $\overline{=}$</td></tr> <tr><td>Tensioni di esercizio</td><td>20-30 V $\overline{=}$</td></tr> <tr><td>Corrente di standby</td><td>24 V $\overline{=}$, 60 mA</td></tr> <tr><td>Corrente di esercizio</td><td>24 V $\overline{=}$, 60 mA</td></tr> <tr><td>Temperatura di esercizio</td><td>-25 °C...+55 °C</td></tr> <tr><td>Morsetti a conduttore singolo</td><td>2 x 0,28 mm²...2 x 0,75 mm²</td></tr> <tr><td>Morsetti a conduttore fine</td><td>2 x 0,28 mm²...2 x 0,75 mm²</td></tr> <tr><td>Livello IP</td><td>IP 54</td></tr> <tr><td>Livello IK</td><td>IK 07</td></tr> </table>	Ingresso (a, b)	24 V $\overline{=}$	Tensioni di esercizio	20-30 V $\overline{=}$	Corrente di standby	24 V $\overline{=}$, 60 mA	Corrente di esercizio	24 V $\overline{=}$, 60 mA	Temperatura di esercizio	-25 °C...+55 °C	Morsetti a conduttore singolo	2 x 0,28 mm ² ...2 x 0,75 mm ²	Morsetti a conduttore fine	2 x 0,28 mm ² ...2 x 0,75 mm ²	Livello IP	IP 54	Livello IK	IK 07
1	Area passaggio impronta																																	
2	LED impronte																																	
1	Morsetti plug-in (a - b) per collegamento bus e ingresso alimentazione																																	
2	Resistenza di terminazione Nelle installazioni video o in installazioni miste audio e video, nell'ultimo apparecchio della linea l'interruttore deve essere impostato su "RC on" (ON=RC on).																																	
3	Imposta l'indirizzo dell'apparecchio (1...32)																																	
4	N/A																																	
Ingresso (a, b)	24 V $\overline{=}$																																	
Tensioni di esercizio	20-30 V $\overline{=}$																																	
Corrente di standby	24 V $\overline{=}$, 60 mA																																	
Corrente di esercizio	24 V $\overline{=}$, 60 mA																																	
Temperatura di esercizio	-25 °C...+55 °C																																	
Morsetti a conduttore singolo	2 x 0,28 mm ² ...2 x 0,75 mm ²																																	
Morsetti a conduttore fine	2 x 0,28 mm ² ...2 x 0,75 mm ²																																	
Livello IP	IP 54																																	
Livello IK	IK 07																																	

Italiano	<p>Standalone fingerprint module</p> <p>Control elements</p> <table border="1"> <tr><td>1</td><td>Fingerprint swipe area</td></tr> <tr><td>2</td><td>Fingerprint LED</td></tr> </table> <p>Interface description</p> <table border="1"> <tr><td>1</td><td>Plug-in clamps (a - b) for bus connection and power input</td></tr> <tr><td>2</td><td>Terminal resistor In video installations or mixed audio and video installations, the Switch must be set as 'RC on' on the last device of the line.</td></tr> <tr><td>3</td><td>Set the address of this device (1...32)</td></tr> <tr><td>4</td><td>N/A</td></tr> </table>	1	Fingerprint swipe area	2	Fingerprint LED	1	Plug-in clamps (a - b) for bus connection and power input	2	Terminal resistor In video installations or mixed audio and video installations, the Switch must be set as 'RC on' on the last device of the line.	3	Set the address of this device (1...32)	4	N/A	<p>Commissioning</p> <p>Create the first admin fingerprint If this module has not enrolled any fingerprint, fingerprint LED will flash green, orange and red in sequence when it is powered on. Swipe the first admin finger 3-5 times until fingerprint LED lights green.</p> <p>Enter setting mode In standby status, swipe any admin finger 1 time to enter setting mode, fingerprint LED will light orange.</p> <p>Create a user fingerprint In setting mode, swipe current admin finger 1 time and a user finger 3-5 times. * Current admin = the admin used to enter setting mode</p> <p>Delete a user fingerprint In setting mode, swipe current admin finger 2 times and an enrolled user finger 3-5 times.</p> <p>Create a new admin fingerprint In setting mode, swipe current admin finger 3 times and a new admin finger 3-5 times.</p>	<p>Delete an admin fingerprint In setting mode, swipe current admin finger 4 times and an enrolled admin finger 3-5 times.</p> <p>Delete all user fingerprint In setting mode, swipe current admin finger 6 times.</p> <p>* Fingerprint LED will light green if successful. * All the settings can also be done via PC management software.</p> <p>Operation</p> <p>Release the lock connected to the switch actuator</p> <p>1) Switch actuator works in "Door opener mode" 2) Fingerprint module address = switch actuator address (1-32) In standby status, swipe an enrolled user finger</p> <p>This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. The complete of FCC information is available at the package shipped with the product.</p>	<p>Technical data</p> <table border="1"> <tr><td>Input (a, b)</td><td>24 V $\overline{=}$</td></tr> <tr><td>Operating voltage range</td><td>20-30 V $\overline{=}$</td></tr> <tr><td>Standby current</td><td>24 V $\overline{=}$, 60 mA</td></tr> <tr><td>Operating current</td><td>24 V $\overline{=}$, 60 mA</td></tr> <tr><td>Operating temperature</td><td>-25 °C...+55 °C</td></tr> <tr><td>Single-wire clamps</td><td>2 x 0,28 mm²...2 x 0,75 mm²</td></tr> <tr><td>Fine-wire clamps</td><td>2 x 0,28 mm²...2 x 0,75 mm²</td></tr> <tr><td>IP level</td><td>IP 54</td></tr> <tr><td>IK level</td><td>IK 07</td></tr> </table>	Input (a, b)	24 V $\overline{=}$	Operating voltage range	20-30 V $\overline{=}$	Standby current	24 V $\overline{=}$, 60 mA	Operating current	24 V $\overline{=}$, 60 mA	Operating temperature	-25 °C...+55 °C	Single-wire clamps	2 x 0,28 mm ² ...2 x 0,75 mm ²	Fine-wire clamps	2 x 0,28 mm ² ...2 x 0,75 mm ²	IP level	IP 54	IK level	IK 07
	1	Fingerprint swipe area																																
2	Fingerprint LED																																	
1	Plug-in clamps (a - b) for bus connection and power input																																	
2	Terminal resistor In video installations or mixed audio and video installations, the Switch must be set as 'RC on' on the last device of the line.																																	
3	Set the address of this device (1...32)																																	
4	N/A																																	
Input (a, b)	24 V $\overline{=}$																																	
Operating voltage range	20-30 V $\overline{=}$																																	
Standby current	24 V $\overline{=}$, 60 mA																																	
Operating current	24 V $\overline{=}$, 60 mA																																	
Operating temperature	-25 °C...+55 °C																																	
Single-wire clamps	2 x 0,28 mm ² ...2 x 0,75 mm ²																																	
Fine-wire clamps	2 x 0,28 mm ² ...2 x 0,75 mm ²																																	
IP level	IP 54																																	
IK level	IK 07																																	
	<p>Modulo impronte autonomo</p> <p>Elementi di controllo</p> <table border="1"> <tr><td>1</td><td>Area passaggio impronta</td></tr> <tr><td>2</td><td>LED impronte</td></tr> </table> <p>Descrizione dell'interfaccia</p> <table border="1"> <tr><td>1</td><td>Morsetti plug-in (a - b) per collegamento bus e ingresso alimentazione</td></tr> <tr><td>2</td><td>Resistenza di terminazione Nelle installazioni video o in installazioni miste audio e video, nell'ultimo apparecchio della linea l'interruttore deve essere impostato su "RC on" (ON=RC on).</td></tr> <tr><td>3</td><td>Imposta l'indirizzo dell'apparecchio (1...32)</td></tr> <tr><td>4</td><td>N/A</td></tr> </table>	1	Area passaggio impronta	2	LED impronte	1	Morsetti plug-in (a - b) per collegamento bus e ingresso alimentazione	2	Resistenza di terminazione Nelle installazioni video o in installazioni miste audio e video, nell'ultimo apparecchio della linea l'interruttore deve essere impostato su "RC on" (ON=RC on).	3	Imposta l'indirizzo dell'apparecchio (1...32)	4	N/A	<p>Messa in servizio</p> <p>Creazione della prima impronta admin Se non sono registrate impronte su questo modulo, il LED impronte lampeggia nella sequenza verde, arancione e rosso, ad apparecchio acceso. Passare 3-5 volte il primo dito admin finché il LED impronte non si accende di luce verde.</p> <p>Attivazione della modalità Impostazioni In stato di standby, passare 1 volta un qualsiasi dito admin per attivare la modalità Impostazioni, il LED impronte si accende di luce arancione.</p> <p>Creazione di un'impronta utente In modalità Impostazioni, passare 1 volta l'attuale dito admin e 3-5 volte un dito utente. * admin attuale = l'admin utilizzato per attivare la modalità Impostazioni</p> <p>Cancellazione di un'impronta utente In modalità Impostazioni, passare 2 volte l'attuale dito admin e 3-5 volte un dito utente registrato.</p>	<p>Creazione di una nuova impronta admin In modalità Impostazioni, passare 3 volte l'attuale dito admin e 3-5 volte un nuovo dito admin.</p> <p>Cancellazione di un'impronta admin In modalità Impostazioni, passare 4 volte l'attuale dito admin e 3-5 volte un dito admin registrato.</p> <p>Cancellazione di tutte le impronte utente In modalità Impostazioni, passare 6 volte l'attuale dito admin.</p> <p>* Il LED impronte si accende di luce verde, ad operazione riuscita. * Tutte le impostazioni sono configurabili anche con il software di gestione del computer.</p> <p>Funzionamento</p> <p>Rilascio della serratura collegata all'attuatore di commutazione</p> <p>1) L'attuatore di commutazione funziona in "Modalità apriporta" 2) Indirizzo del modulo impronte = indirizzo dell'attuatore di commutazione (1-32) In stato di standby, passare un dito utente registrato</p>	<p>Dati tecnici</p> <table border="1"> <tr><td>Ingresso (a, b)</td><td>24 V $\overline{=}$</td></tr> <tr><td>Tensioni di esercizio</td><td>20-30 V $\overline{=}$</td></tr> <tr><td>Corrente di standby</td><td>24 V $\overline{=}$, 60 mA</td></tr> <tr><td>Corrente di esercizio</td><td>24 V $\overline{=}$, 60 mA</td></tr> <tr><td>Temperatura di esercizio</td><td>-25 °C...+55 °C</td></tr> <tr><td>Morsetti a conduttore singolo</td><td>2 x 0,28 mm²...2 x 0,75 mm²</td></tr> <tr><td>Morsetti a conduttore fine</td><td>2 x 0,28 mm²...2 x 0,75 mm²</td></tr> <tr><td>Livello IP</td><td>IP 54</td></tr> <tr><td>Livello IK</td><td>IK 07</td></tr> </table>	Ingresso (a, b)	24 V $\overline{=}$	Tensioni di esercizio	20-30 V $\overline{=}$	Corrente di standby	24 V $\overline{=}$, 60 mA	Corrente di esercizio	24 V $\overline{=}$, 60 mA	Temperatura di esercizio	-25 °C...+55 °C	Morsetti a conduttore singolo	2 x 0,28 mm ² ...2 x 0,75 mm ²	Morsetti a conduttore fine	2 x 0,28 mm ² ...2 x 0,75 mm ²	Livello IP	IP 54	Livello IK	IK 07
1	Area passaggio impronta																																	
2	LED impronte																																	
1	Morsetti plug-in (a - b) per collegamento bus e ingresso alimentazione																																	
2	Resistenza di terminazione Nelle installazioni video o in installazioni miste audio e video, nell'ultimo apparecchio della linea l'interruttore deve essere impostato su "RC on" (ON=RC on).																																	
3	Imposta l'indirizzo dell'apparecchio (1...32)																																	
4	N/A																																	
Ingresso (a, b)	24 V $\overline{=}$																																	
Tensioni di esercizio	20-30 V $\overline{=}$																																	
Corrente di standby	24 V $\overline{=}$, 60 mA																																	
Corrente di esercizio	24 V $\overline{=}$, 60 mA																																	
Temperatura di esercizio	-25 °C...+55 °C																																	
Morsetti a conduttore singolo	2 x 0,28 mm ² ...2 x 0,75 mm ²																																	
Morsetti a conduttore fine	2 x 0,28 mm ² ...2 x 0,75 mm ²																																	
Livello IP	IP 54																																	
Livello IK	IK 07																																	

Application: cooperate with the outdoor station

M2700FP-

DE
CN
IT
ES
FR
FI
CZ

1. Go to the online webpage by scanning the QR code.
2. Click on the "Downloads" tab to find the documents.

Service
Find your individual country contact here.

<http://new.abb.com/contact-centers>

Espanol

Módulo independiente de huellas dactilares

Elementos de control

1	Área de deslizamiento de la huella dactilar
2	LED de huella dactilar

Descripción de la interfaz

1	Conectores (a - b) para la conexión de bus y la entrada de alimentación
2	Resistencia de terminal En instalaciones de vídeo o instalaciones mixtas de audio y vídeo, el interruptor debe establecerse como 'RC on' en el último dispositivo de la línea.
3	Establecer la dirección de este dispositivo (1...32)
4	No disp.

Puesta en servicio
Crear la primera huella dactilar de administrador
Si este módulo no ha registrado ninguna huella dactilar, el LED de

huella dactilar parpadeará secuencialmente en color verde, naranja y rojo al encenderlo.
Deslice el primer dedo de administrador 3-5 veces, hasta que el LED de huella dactilar se ilumine en verde.

Acceder al modo de configuración
En estado de stand-by, deslice cualquier dedo de administrador 1 vez para acceder al modo de configuración, el LED de huella dactilar se iluminará en naranja.

Crear una huella dactilar de usuario
En el modo de configuración, deslice el dedo del administrador actual 1 vez y un dedo de usuario 3-5 veces.
* Administrador actual = administrador utilizado para acceder al modo de configuración

Eliminar una huella dactilar de usuario
En el modo de configuración, deslice el dedo del administrador actual 2 veces y el dedo de un usuario registrado 3-5 veces.

Crear una nueva huella dactilar de administrador
En el modo de configuración, deslice el dedo del administrador actual 3 veces y el dedo de un nuevo administrador 3-5 veces.

Borrar una huella dactilar de administrador
En el modo de configuración, deslice el dedo del administrador actual 4 veces y el dedo de un usuario registrado 3-5 veces.

Borrar todas las huellas dactilares de usuarios
En el modo de configuración, deslice el dedo del administrador actual 6 veces.

* El LED de huella dactilar se iluminará en verde si el proceso finaliza correctamente.
* También es posible llevar a cabo todos estos ajustes a través del software de gestión para PC.

Manejo
Liberar el bloqueo conectado al actuador de conmutación
1) El actuador de conmutación funciona en el "Modo de abridor de puerta"
2) Dirección del módulo de huellas dactilares = dirección del actuador de conmutación (1-32)
En estado de stand-by, deslice el dedo de un usuario registrado

Datos técnicos

Entrada (a, b)	24 V ⁼⁼⁼
Rango de tensión de funcionamiento	20-30 V ⁼⁼⁼
Corriente en espera	24 V ⁼⁼⁼ , 60 mA
Corriente de funcionamiento	24 V ⁼⁼⁼ , 60 mA
Temperatura de servicio	-25 °C...+55 °C
Abrazaderas de un solo alambre	2 x 0,28 mm ² ...2 x 0,75 mm ²
Abrazaderas de alambre fino	2 x 0,28 mm ² ...2 x 0,75 mm ²
Grado IP	IP 54
Nivel IK	IK07

Français

Module d'empreinte digitale autonome

Éléments de commande

1	Zone de balayage d'empreinte digitale
2	LED d'empreinte digitale

Description d'interface

1	Bornes enfichables (a - b) de raccordement au bus et à l'alimentation électrique
2	Résistance de terminaison Dans les installations vidéo ou les installations mixtes audio et vidéo, ce commutateur doit être réglé en tant que « RC on » sur le dernier appareil de la ligne (ON=RC on).
3	Définition de l'adresse du dispositif (1...32)
4	N/D

Mise en service
Créer la première empreinte digitale d'administrateur
Si encore aucune empreinte digitale n'a été inscrite sur ce module, la

LED d'empreinte digitale clignote de manière séquentielle vert, orange et rouge à sa mise sous tension. Le premier administrateur doit faire 3-5 fois un mouvement de balayage du doigt jusqu'à ce que la LED d'empreinte digitale s'allume verte.

Passer en mode réglage
En mode veille, un administrateur quelconque doit faire un mouvement de balayage de doigt pour passer en mode réglage, la LED d'empreinte digitale s'allume orange.

Créer une empreinte digitale utilisateur
En mode réglage, l'administrateur courant doit faire un mouvement de balayage du doigt et un utilisateur doit faire 3 à 5 mouvements de balayage du doigt.
* Administrateur courant = l'administrateur utilisé pour passer en mode réglage

Supprimer une empreinte digitale utilisateur
En mode réglage, l'administrateur courant doit faire deux mouvements de balayage du doigt et l'utilisateur inscrit concerné doit faire 3 à 5 mouvements de balayage du doigt.

Créer une nouvelle empreinte administrateur
En mode réglage, l'administrateur courant doit faire 3 mouvements de balayage du doigt et le nouvel administrateur doit faire 3 à 5 mouvements de balayage du doigt.

Supprimer une empreinte digitale administrateur
En mode réglage, l'administrateur courant doit faire 4 mouvements de balayage du doigt et un administrateur inscrit doit faire 3 à 5 mouvements de balayage du doigt.

Supprimer toutes les empreintes digitales utilisateur
En mode réglage, l'administrateur courant doit faire 6 mouvements de balayage du doigt.

* La LED d'empreinte digitale s'allume vert si l'opération réussit.
* Tous les réglages peuvent aussi être réalisés par logiciel de gestion PC.

Fonctionnement
Déverrouiller le dispositif de fermeture raccordé à l'actionneur de commutation
1) L'actionneur de commutation fonctionne en « mode dispositif d'ouverture de porte »

2) Adresse de module d'empreinte digitale = adresse d'actionneur de commutation (1-32)
En mode veille, un utilisateur inscrit doit faire un mouvement de balayage du doigt

Caractéristiques techniques

Entrée (a, b)	24 V ⁼⁼⁼
Plage de tension de fonctionnement	20-30 V ⁼⁼⁼
Courant de veille	24 V ⁼⁼⁼ , 60 mA
Courant de fonctionnement	24 V ⁼⁼⁼ , 60 mA
Température de fonctionnement	-25 °C...+55 °C
Serre-câbles à un conducteur	2 x 0,28 mm ² ...2 x 0,75 mm ²
Serre-câbles à conducteur fin	2 x 0,28 mm ² ...2 x 0,75 mm ²
Niveau IP	IP 54
Niveau IK	IK 07

Suomi

Erillinen sormenjälkimoduuli

Käyttöelementit

1	Sormenjäljen pyyhkäisyalue
2	Sormenjälki-LED

Liittymän kuvaus

1	Kytettävät kiinnittimet (a-b) väyläliitännälle ja tehotulolle
2	Päätevastus Videoasennuksissa sekä audio- ja videoasennusten yhdistelmissä aina jokaisen haaran viimeisen laitteen kytkimen tulee olla kytkettyä päälle.
3	Tämän laitteen osoitteen asetus (1...32)
4	Ei käyt.

Käyttöohje
Ensimmäisen pääkäyttäjän sormenjäljen luominen
Jos tähän moduuliin ei ole rekisteröity sormenjälkeä, sormenjälki-LEDissä vilkkuu peräkkäin vihreä, oranssi ja punainen valo virran ollessa päällekytkettynä.
Pyyhkäise ensimmäisellä pääkäyttäjän sormella 3-5 kertaa, kunnes sormenjälki-LEDissä palaa vihreä valo.

Siirtyminen asetustilaan
Pyyhkäisemällä valmiustilassa millä tahansa pääkäyttäjän sormella 1 kerran siirtyä asetustilaan; sormenjälki-LEDissä palaa oranssi valo.

Käyttäjän sormenjäljen luominen
Pyyhkäise asetustilassa senhetkisen pääkäyttäjän sormella 1 kerran ja käyttäjän sormella 3-5 kertaa.
* Senhetkinen pääkäyttäjä = asetustilaan siirtynyt pääkäyttäjä

Käyttäjän sormenjäljen poistaminen
Pyyhkäise asetustilassa senhetkisen pääkäyttäjän sormella 2 kertaa ja rekisteröidyn käyttäjän sormella 3-5 kertaa.

Uuden pääkäyttäjän sormenjäljen luominen
Pyyhkäise asetustilassa senhetkisen pääkäyttäjän sormella 3 kertaa ja uuden pääkäyttäjän sormella 3-5 kertaa.

Pääkäyttäjän sormenjäljen poistaminen
Pyyhkäise asetustilassa senhetkisen pääkäyttäjän sormella 4 kertaa ja rekisteröidyn pääkäyttäjän sormella 3-5 kertaa.

Kaikkien käyttäjien sormenjälkien poistaminen
Pyyhkäise asetustilassa senhetkisen pääkäyttäjän sormella 6 kertaa.

* Sormenjälki-LEDissä palaa vihreä valo, jos toimenpide onnistui.
* Kaikki asetukset voidaan asettaa myös tietokoneen hallintaohjelmistossa.

Käyttö
Kytännänohjaimen liitetyn lukituksen avaus
1) Kytännänohjain toimii "Ovenavaustilassa"
2) Sormenjälkimoduulin osoite = kytännänohjaimen osoite (1-32)
Pyyhkäise valmiustilassa rekisteröidyn käyttäjän sormella

Tekniset tiedot

Tulo (a, b)	24 V ⁼⁼⁼
Käyttöjännitealue	20-30 V ⁼⁼⁼
Valmiustilan virta	24 V ⁼⁼⁼ , 60 mA
Käyttövirta	24 V ⁼⁼⁼ , 60 mA
Käyttölämpötila	-25 °C...+55 °C
Yksisäikeiset kiinnikkeet	2 x 0,28 mm ² ...2 x 0,75 mm ²
Hienosäikeiset kiinnikkeet	2 x 0,28 mm ² ...2 x 0,75 mm ²
IP-taso	IP 54
IK-taso	IK 07

Čeština

Samostatný modul pro otisky prstů

Rídící prvky

1	Pole pro otisk prstu
2	LED kontrolka otisku prstu

Popis rozhraní

1	Zásuvné svorky (a-b) pro připojení sběrnice a napájení
2	Koncový odpor V instalacích videa nebo smíšených instalacích zvuku a videa musí být přepínač na posledním zařízení linky nastaven jako „RC on“.
3	Nastavení adresy tohoto zařízení (1...32)
4	Není k dispozici

Uvedení do provozu
Vytvoření otisku prstu prvního správce
Pokud tento modul nezaregistroval žádný otisk prstu, bude LED kontrolka otisku prstu blikat po zapnutí střídaně zeleně a červeně. Přiložte 3-5x otisk prstu prvního správce, dokud LED kontrolka otisku prstu nebude svítit zeleně.

Aktivace režimu nastavení
V pohotovostním stavu můžete 1x přiložením otisku prstu jakéhokoliv správce aktivovat režim nastavení; LED kontrolka otisku prstu bude svítit oranžově.

Vytvoření otisku prstu uživatele
V režimu nastavení přiložte 1x otisk prstu aktuálního správce a 3-5x otisk prstu uživatele.
* Aktuální správce = správce pro aktivaci režimu nastavení

Odstranění otisku prstu
V režimu nastavení přiložte 2x otisk prstu aktuálního správce a 3-5x otisk zaregistrovaného uživatele.

Vytvoření otisku prstu nového správce
V režimu nastavení přiložte 3x otisk prstu aktuálního správce a 3-5x otisk prstu nového správce.

Odstranění otisku prstu správce
V režimu nastavení přiložte 4x otisk prstu aktuálního správce a 3-5x otisk prstu zaregistrovaného správce.

Odstranění otisků prstů všech uživatelů
V režimu nastavení přiložte 6x otisk prstu aktuálního správce.

* V případě úspěšné operace bude LED kontrolka otisku prstu svítit zeleně.
* Všechna nastavení lze zadat také pomocí softwaru pro správu na počítači.

Obsluha
Uvolněte zámek připojený ke spínacímu zařízení
1) Spínací zařízení funguje v „Režimu otevírání dveří“

2) Adresa modulu otisku prstu = adresa spínacího zařízení (1-32)
V pohotovostním režimu přiložte otisk prstu zaregistrovaného uživatele

Technické údaje

Vstup (a, b)	24 V ⁼⁼⁼
Rozmezí provozního napětí	20-30 V ⁼⁼⁼
Pohotovostní proud	24 V ⁼⁼⁼ , 60 mA
Provozní proud	24 V ⁼⁼⁼ , 60 mA
Provozní teplota	-25 °C...+55 °C
Jednovodičové svorky	2 x 0,28 mm ² ...2 x 0,75 mm ²
Svorky s tenkým drátkem	2 x 0,28 mm ² ...2 x 0,75 mm ²
Úroveň IP	IP 54
Úroveň IK	IK 07