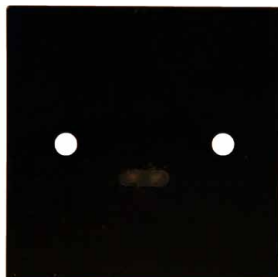


# Datasheet

**Nexus KSW stand-alone device with external keyboard and integrated transistor output for integration in door station**



Nexus KSW

Technical data																			
Supply voltage	Min 9V DC – Max 15V DC																		
Typical supply current	From 72mA at 14V DC, 1W																		
Peak current	150mA at 14V DV, 2.1W																		
Communications	RS485 port for service access																		
Keyboard connector	10 pin																		
Operating temperature	-20°C to +70°C																		
Storage temperature	-45°C to +85°C																		
Wiring and cable installation																			
Cable length	3 m																		
Wiring:	<table border="0"> <tr> <td>Orange</td> <td>+</td> <td>9-15V DC input</td> </tr> <tr> <td>Orange/White</td> <td>-</td> <td>Ground</td> </tr> <tr> <td>Green</td> <td>RA</td> <td>RS-485 BUS</td> </tr> <tr> <td>Green/White</td> <td>RB</td> <td>RS-485 BUS</td> </tr> <tr> <td>Brown</td> <td>TR+</td> <td></td> </tr> <tr> <td>Brown/White</td> <td>TR-</td> <td></td> </tr> </table>	Orange	+	9-15V DC input	Orange/White	-	Ground	Green	RA	RS-485 BUS	Green/White	RB	RS-485 BUS	Brown	TR+		Brown/White	TR-	
Orange	+	9-15V DC input																	
Orange/White	-	Ground																	
Green	RA	RS-485 BUS																	
Green/White	RB	RS-485 BUS																	
Brown	TR+																		
Brown/White	TR-																		
Features																			
For info-module or stainless steel shield	Yes																		
LED indicator	Two colour: red for locked door and green for open door																		
Buzzer	Short beep if access is granted and a longer error beep if otherwise																		
Possible to secure with vandal shield	Yes																		
Housing																			
Size	W: 56mm × H: 56mm × D: 12mm																		
Recommended mounting height	130 - 160 cm																		
Housing	Self-extinguishing material PC-ABS (V0)																		
IP protection	IP65																		
Colour	Black																		
Weight	165g																		