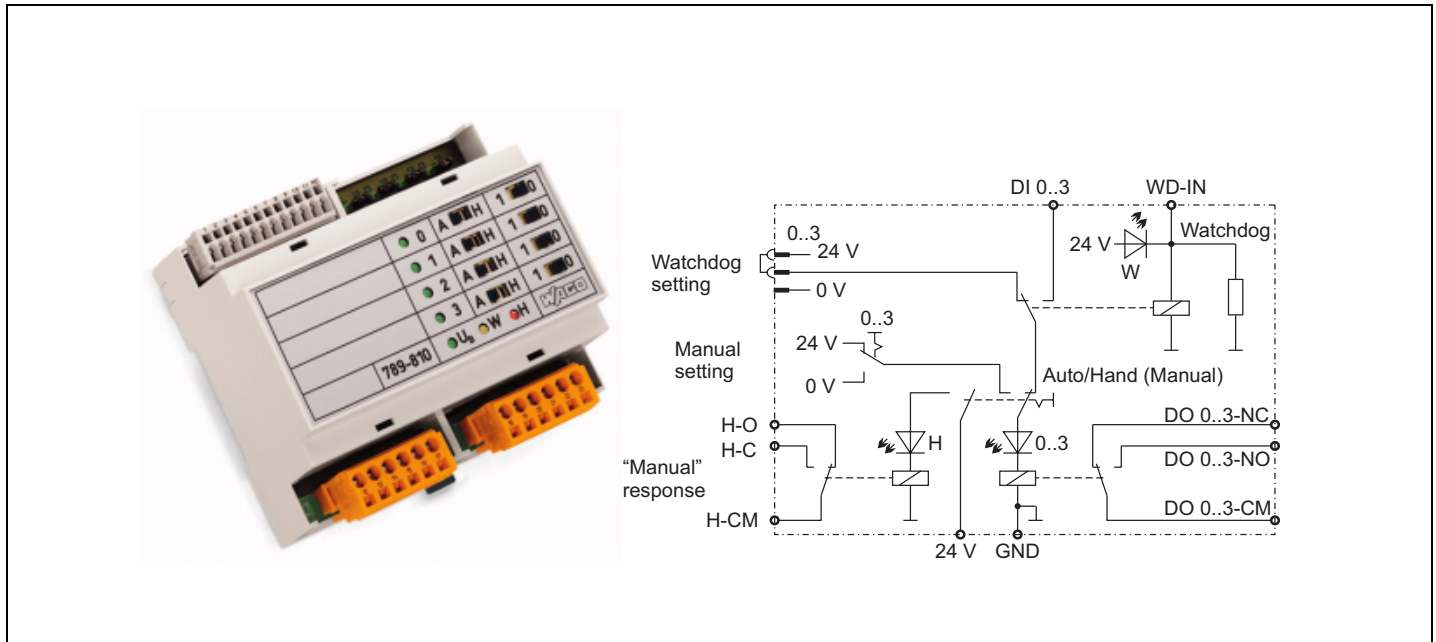


Manual Control Module

Digital, 4 Outputs

1/2

Data sheet



Description	Item-No.	Pack.-unit pcs.																																	
Manual control module, digital, 4 outputs	789-810	1																																	
<p>The digital manual control module 789-810 controls the different inputs 0..3 and indicates their status both via a green LED and the change-over contact of the power relay. Depending on both the manual/automatic switch and watchdog input, the states 0 or 1 are transmitted in an electrically isolated form to the output via a relay.</p> <p>The manual position has the highest priority. Switching an output manually is indicated via the red LED "H" ("Manual") and transmitted via a change-over output. In manual operation the output is switched via the manual setting.</p> <p>In automatic operation the output is switched via the input (DI..).</p> <p>The voltage-free watchdog input WD-IN is indicated via the yellow LED "W" and the output is switched according to the watchdog setting.</p> <p>The green LEDs 0..3 indicate the status of the power relays.</p> <p>The operating voltage applied is indicated via the green LED "U_B".</p>																																			
<p>Technical Data</p> <table border="1"> <tr> <td>Voltage supply</td> <td colspan="2">DC 24 V ±20 %</td> </tr> <tr> <td>Dielectric strength input/output</td> <td colspan="2">4 kV</td> </tr> <tr> <td>Ambient operating temperature</td> <td colspan="2">0...+50 °C</td> </tr> <tr> <td>Storage temperature</td> <td colspan="2">-25 °C...+70 °C</td> </tr> <tr> <td>Dimensions (WxHxD)</td> <td colspan="2">(106x58*x90) mm / (4.17x2.28*x3.54) in * from upper edge of DIN 35 rail</td> </tr> <tr> <td>Wire connection</td> <td colspan="2">Female connector series 734 and 231 with CAGE CLAMP® connection</td> </tr> <tr> <td></td> <td>Series 734</td> <td>0.08-1.5 mm² / AWG 28-14</td> </tr> <tr> <td></td> <td>Series 231</td> <td>0.08-2.5 mm² / AWG 28-12</td> </tr> <tr> <td>Stripped length</td> <td>Series 734</td> <td>7 mm / 0.28 in or</td> </tr> <tr> <td></td> <td>Series 231</td> <td>8-9 mm / 0.33 in</td> </tr> <tr> <td>Standards / prescriptions</td> <td colspan="2">VDE 0110 (corresponding parts)</td> </tr> </table>			Voltage supply	DC 24 V ±20 %		Dielectric strength input/output	4 kV		Ambient operating temperature	0...+50 °C		Storage temperature	-25 °C...+70 °C		Dimensions (WxHxD)	(106x58*x90) mm / (4.17x2.28*x3.54) in * from upper edge of DIN 35 rail		Wire connection	Female connector series 734 and 231 with CAGE CLAMP® connection			Series 734	0.08-1.5 mm ² / AWG 28-14		Series 231	0.08-2.5 mm ² / AWG 28-12	Stripped length	Series 734	7 mm / 0.28 in or		Series 231	8-9 mm / 0.33 in	Standards / prescriptions	VDE 0110 (corresponding parts)	
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	No.16	DO-1-CM	Common	Channel 1
	No.17	DO-1-NO	Make contact	Channel 1
	No.18	DO-2-NC	Break contact	Channel 2
	No.19	DO-2-CM	Common	Channel 2
	No.20	DO-2-NO	Make contact	Channel 2
	No.21	DO-3-NC	Break contact	Channel 3
	No.22	DO-3-CM	Common	Channel 3
	No.23	DO-3-NO	Make contact	Channel 3