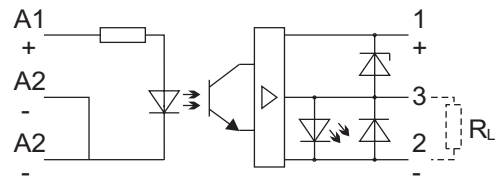


Pluggable Module - Optocoupler

Front-entry , DC 5 V

1/1

Data sheet



Description	Item-No.	Pack.-unit pcs																																													
Optocoupler, input DC 5 V, output DC 24 V, positive switching	286-752/002-000	1																																													
<ul style="list-style-type: none"> Installation on terminal block for pluggable module. 	Technical Data																																														
	<table border="1"> <tbody> <tr> <td>Input nominal voltage U_N</td> <td>DC 5 V</td> </tr> <tr> <td>Input voltage range</td> <td>DC 2-6.25 V</td> </tr> <tr> <td>Input current range</td> <td>3.3-18.5 mA</td> </tr> <tr> <td>Current at U_N</td> <td>14 mA</td> </tr> <tr> <td>Output nominal voltage</td> <td>DC 24 V</td> </tr> <tr> <td>Output voltage range</td> <td>DC 20-30 V</td> </tr> <tr> <td>Max. permissible continuous current</td> <td>500 mA</td> </tr> <tr> <td>Reverse voltage</td> <td></td> </tr> <tr> <td>Transistor/triac</td> <td>DC 80 V</td> </tr> <tr> <td>Switch on/switch off time</td> <td><5 μs / <10 μs</td> </tr> <tr> <td>Max. frequency</td> <td>25 kHz</td> </tr> <tr> <td>Leakage current at U_N</td> <td>2.5 μA</td> </tr> <tr> <td>Collector/emitter voltage drop $U_{CE\ sat}$</td> <td>≤ 1.2 V</td> </tr> <tr> <td>Max.output (reverse current)</td> <td>12 mA</td> </tr> <tr> <td>Test voltage input/output</td> <td>2.5 kV_{rms}</td> </tr> <tr> <td>Nominal voltage acc. to VDE 0110 / 1.89</td> <td>250 V / 4 kV / 3</td> </tr> <tr> <td>Ambient operating temperature</td> <td>-25 °C...+40 °C</td> </tr> <tr> <td>Storage temperature</td> <td>-40 °C...+70 °C</td> </tr> <tr> <td>Module dimensions (W x H)</td> <td>(15 x 82,5*) mm / (0.591 x 3.25*) in * from upper edge of DIN 35 rail</td> </tr> <tr> <td>Standards / prescriptions</td> <td>IEC 664/ IEC 664A/ DIN VDE 0110 Pollution degree 2 Overvoltage category III</td> </tr> <tr> <td>Accessories</td> <td></td> </tr> <tr> <td>Terminal block</td> <td>280-609</td> </tr> <tr> <td>Dimensions (W x D)</td> <td>(17 x 73) mm / (0.669 x 2.874) in</td> </tr> </tbody> </table>		Input nominal voltage U_N	DC 5 V	Input voltage range	DC 2-6.25 V	Input current range	3.3-18.5 mA	Current at U_N	14 mA	Output nominal voltage	DC 24 V	Output voltage range	DC 20-30 V	Max. permissible continuous current	500 mA	Reverse voltage		Transistor/triac	DC 80 V	Switch on/switch off time	<5 μ s / <10 μ s	Max. frequency	25 kHz	Leakage current at U_N	2.5 μ A	Collector/emitter voltage drop $U_{CE\ sat}$	≤ 1.2 V	Max.output (reverse current)	12 mA	Test voltage input/output	2.5 kV _{rms}	Nominal voltage acc. to VDE 0110 / 1.89	250 V / 4 kV / 3	Ambient operating temperature	-25 °C...+40 °C	Storage temperature	-40 °C...+70 °C	Module dimensions (W x H)	(15 x 82,5*) mm / (0.591 x 3.25*) in * from upper edge of DIN 35 rail	Standards / prescriptions	IEC 664/ IEC 664A/ DIN VDE 0110 Pollution degree 2 Overvoltage category III	Accessories		Terminal block	280-609	Dimensions (W x D)
Input nominal voltage U_N	DC 5 V																																														
Input voltage range	DC 2-6.25 V																																														
Input current range	3.3-18.5 mA																																														
Current at U_N	14 mA																																														
Output nominal voltage	DC 24 V																																														
Output voltage range	DC 20-30 V																																														
Max. permissible continuous current	500 mA																																														
Reverse voltage																																															
Transistor/triac	DC 80 V																																														
Switch on/switch off time	<5 μ s / <10 μ s																																														
Max. frequency	25 kHz																																														
Leakage current at U_N	2.5 μ A																																														
Collector/emitter voltage drop $U_{CE\ sat}$	≤ 1.2 V																																														
Max.output (reverse current)	12 mA																																														
Test voltage input/output	2.5 kV _{rms}																																														
Nominal voltage acc. to VDE 0110 / 1.89	250 V / 4 kV / 3																																														
Ambient operating temperature	-25 °C...+40 °C																																														
Storage temperature	-40 °C...+70 °C																																														
Module dimensions (W x H)	(15 x 82,5*) mm / (0.591 x 3.25*) in * from upper edge of DIN 35 rail																																														
Standards / prescriptions	IEC 664/ IEC 664A/ DIN VDE 0110 Pollution degree 2 Overvoltage category III																																														
Accessories																																															
Terminal block	280-609																																														
Dimensions (W x D)	(17 x 73) mm / (0.669 x 2.874) in																																														