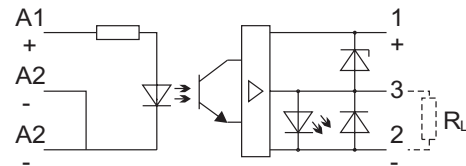


Pluggable Module - Optocoupler

1/1

Front-entry , DC 5 V

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. 	<p>Technical Data</p> <table border="1"> <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>\leq1.2 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> </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 $U_{CE, sat}$	\leq 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
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