

ELECTRONICS PRODUCTS > PROTECTION CONTROL & TIME RELAYS > VOLTAGE MONITORING RELAYS



## V1D-WS 520

**Stock Keeping Unit (SKU):** 270281

*Motor Protection Relay*

### Commercial Information

Product Sales Code	<b>270281</b>
Package Unit	<b>1 pcs.</b>
Customs Tariff Number	<b>853649000029</b>
Weight Per Unit Including Packaging	<b>0.08 kg.</b>

### Technical Information

General	
Networks	<b>3Ø with neutral</b>
Connection Type	<b>Screw terminal</b>
Protection Class	<b>IP20</b>
Weight G	<b>80</b>
Packaging Quantity	<b>1</b>
Case Width Mm	<b>18</b>
Mounting Type	<b>Rail Mount</b>
Nominal Voltage	<b>400 V</b>
Emc Emi	<b>ok</b>
Power Supply	
Voltage	<b>145-520V LL ±20% AC</b>

Frequency	<b>50-60Hz</b>
Consumption	<b>&lt;13VA AC</b>

### Environmental Conditions

Operating Temperature	<b>-20 to +60°C</b>
Storage Temperature	<b>-40°C +75°C</b>
Relative Humidity Non Condensing	<b>Max. 95% (no condensation)</b>

### Backup Connections

Type	<b>1 C/O (SPDT)</b>
Max Values Ac No Side	<b>10A/250V; 1250 VA</b>
Max Values Dc No Side	<b>5A/30VDC; 150W</b>
Mechanical Operating Life	<b>= 10<sup>7</sup> operations</b>
Electrical Operating Life No Side	<b>5x10<sup>4</sup> (5A@250VAC) 1x10<sup>5</sup> (5A@30VDC)</b>

### Monitoring Functions

Phase Loss Delay Time	<b>500 ms</b>
Phase Sequence Delay Time	<b>500 ms</b>
Neutral Loss Delay Time	<b>ms</b>
Asymmetry Protection Rangelimit	
Asymmetry Protection Hysteresis	
Asymmetry Protection Delay Time	
Voltage Protection Upper Limit	<b>415 - 520 VAC</b>
Voltage Protection Lower Limit	<b>260 - 360 VAC</b>
Voltage Protection Delay Time	<b>"ton= 0.1 .. 10 sn / toff</b>
Number Of Props For Liquid Level Monitoring	
Liquid Level Monitoring Sensitivity	
Liquid Level Monitoring Delay Time	
Light Intensity Monitoring Limit	
Light Intensity Monitoring Delay Time	
Frequency Protection Upper Limit	
Frequency Protection Lower Limit	
Frequency Protection Delay Time	

Ptc Protection Short Circuit Threshold	
Ptc Protection High Value Threshold	
Ptc Protection Delay Time	
Voltage Protection Hysteresis	<b>3% x Un</b>

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