

# ATK-VR81Q6

▶ **AT SERIES DUO-TOUCH TWO HAND CONTROL SAFETY RELAYS**



DUO-TOUCH Two-Hand Control Kit Containing:  
 (2) STBVR81Q6 Buttons 5-pin M12 QDs and Relay Outputs  
 (1) AT-FM-10K Safety Relay Module  
 Part Number: 64289

## SPECIFICATIONS

<b>Power</b>	AC/DC Universal
<b>In-Series Diagnostics</b>	No
<b>Device Type</b>	Safety Relay
<b>Safety Module Type</b>	Two-Hand Control Module
<b>LCD Display</b>	No
<b>Expandable</b>	No
<b>Dimension (H x W x D in mm)</b>	84 x 22.5 x 118
<b>Relative Humidity</b>	90% @ 50° C
<b>Max Operating Temperature ( °C)</b>	50
<b>Input Operation</b>	Simultaneous <= 500 ms (500 ms typical)
<b>Number of Safe Inputs</b>	1
<b>Input Configuration</b>	2 x complementary (contact or PNP)

<b>Safety Input - Dual Channel (Dry Contact)</b>	25 mA @ 24 V dc (1 NO / 1 NC per channel)
<b>Safety Input - Dual Channel (Solid-State)</b>	25 mA @ 24 V dc (1 complementary PNP pair per channel)
<b>Independently Controlled Safe Outputs</b>	1
<b>Output Configuration</b>	2 NO
<b>Non Safe Output Rating</b>	N/A
<b>Safe Output Rating</b>	Relay - 6 A
<b>Splittable Safe Output</b>	No
<b>Mechanical Life (Operations in Millions)</b>	20
<b>Power Consumption</b>	3 W / 3 VA
<b>Response Time (ms)</b>	35 (max.)
<b>Supply Voltage</b>	24 V ac/dc +/- 15%
<b>Terminal Type</b>	Screw
<b>Removable Terminals</b>	Yes
<b>Vibration</b>	10-55 Hz at 0.35 mm
<b>Electrical Life (Cycles @ VA)</b>	1,000,000 @ 250 VA
<b>IP Rating</b>	IP20
<b>PL Rating</b>	e
<b>Safety Category Rating</b>	4
<b>SIL Rating</b>	3
<b>SISTEMA</b>	PFHd = 1.5 x 10 <sup>-9</sup>
<b>THC Rating</b>	IIIC
<b>Two-Hand Controls</b>	Yes
<b>Gate Switch (NC/NC) Input</b>	No
<b>Gate Switch (NC/NO) Input</b>	No
<b>Gate Switch (OSSD) Input</b>	No
<b>Light Curtains/Scanner with EDM Input</b>	No
<b>Light Curtains/Scanner without EDM Input</b>	No

<b>EtherNet/IP</b>	No
<b>Common Ethernet Protocol</b>	No
<b>Modbus/TCP</b>	No
<b>PCCC</b>	No
<b>PROFINET</b>	No
<b>In-Series Diagnostics</b>	No



Banner Engineering Corp. | 9714 Tenth Avenue North | Minneapolis, MN 55441 | United States of America