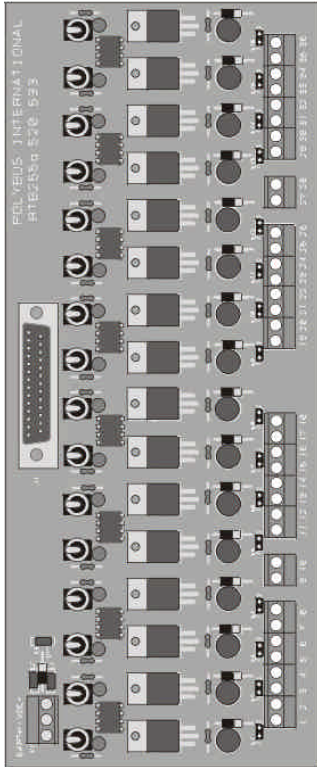


## RTB255q

16 Channel optoisolated low Vdc solid state relay output block.



### Features

- Sixteen channels of optoisolated relay output.
- Interfaces with unisolated high-density digital output modules.
- Uncommitted emitter/collectors for sourcing or sinking currents per channel.
- Group common mode voltage organization jumpers.
- High voltage transient protection per channel.
- Excitation voltage and signal termination per channel.
- Intermediate terminal block replacement.

The RTB255q provides 16 channels of optoisolated interface for unisolated digital output modules with Vdc signals. Channels are organized in two groups of eight channels. Each group has power and ground provided independently of other groups and may be operated in an isolated mode. Distributed power is fused support protected. Individual jumpers per channel support sourcing or sinking current configurations. Transient protection is provided to all I/O channels and power groups. I/O terminations provide screw cage-clamp TB's which accommodate # 14 AWG wire.

<i>Specifications</i>	
Compatibility:	Unisolated digital output modules with Vdc signals.
Number of Outputs (per common):	16 (8 / common).
Output Type:	Relay, form A (SPST).
Switching Capacity:	2 A, 48 – 80 Vdc.
Fuse (per channel): <i>optional</i>	3 A, replaceable.
Indication:	Status LED, per channel.
Isolation:	Input to Output- 1500Vdc. Ch to Ch- 500 Vdc
Input Configuration:	Sourcing (PNP) or sinking (NPN).
External Power:	24 Vdc.
External Terminations:	Screw-clamp terminal blocks, 14 AWG.
Interface:	25 pin D-sub, male.
Dimensions:	250 x 100 x 60mm.

### Ordering Information

RTB255q      16 Channel optoisolated SPST LVdc (80V/2A) relay output, 14AWG fixed TB1, 250 x 100mm.

### Assembly Options

-SW      Auto/On/Off toggle switches.  
-F      Fuses.  
-TB      12AWG fixed terminal block.  
-PTB      12 AWG pull-apart terminal block.