

E-RELAY/1 Relay Alarm Card

Features

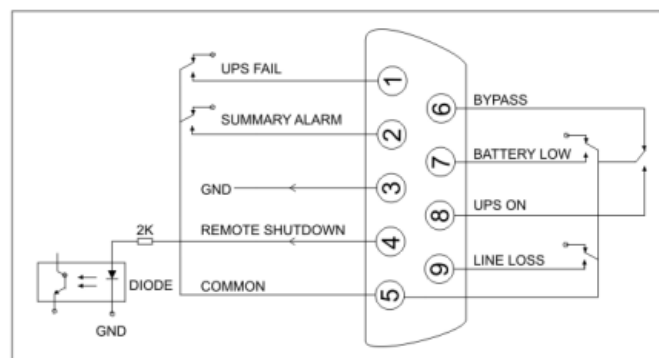
The E-RELAY/1 dry contact relay card allows the UPS status and alarms to be monitored through a remote indication panel or Building Management System.

7 alarm outputs are provided and an opto-isolated input for Remote Shutdown. Connectivity is achieved using the D-type connector and PDB terminal block as detailed below.



Connection & Functions

Terminal Block Connection No.	D-Type Pin No.	Alarm	Contact Status	Additional Information
1	-	UPS Failure	N/O (off)	
2	1	UPS Failure	N/O (off)	
3	-	Bypass Active	N/O (off)	
4	6	Bypass Active	N/O (off)	
5	-	UPS Common Alarm	N/O (off)	<ul style="list-style-type: none"> • UPS in Battery Mode • Battery Low • UPS Internal Failure
6	2	UPS Common Alarm	N/O (off)	
7	-	Battery Low	N/O (off)	
8	7	Battery Low	N/O (off)	
9	-	UPS On	N/O (off)	
10	8	UPS On	N/O (off)	
11	-	Mains Failure	N/O (off)	
12	9	Mains Failure	N/O (off)	
13	-	Operation Indication	N/O (off)	
14	-	Operation Indication	N/O (off)	
15 or 16	5	Relay Common	Common	
-	3	Remote Shutdown Grid	Input Signal 0V	Separate to Relay Common
-	4	Remote Shutdown +Ve	Input Signal 5 to 12V	



Dale Power Solutions Ltd reserves the right to make changes in specification without notice or liability. All information is subject to Dale Power Solutions own data & is considered accurate at time of publishing.

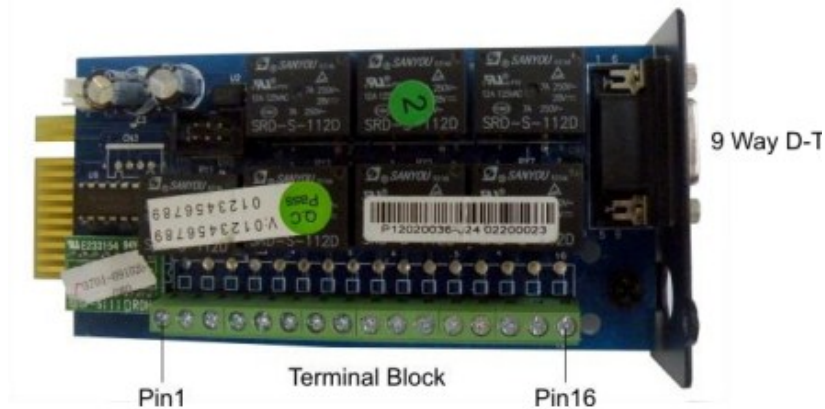
Dale Power Solutions Ltd

Salter Road, Eastfield Industrial Estate, Scarborough, North Yorkshire, YO11 3DU, United Kingdom

Telephone: +44 (0) 1723 583511 Email: info@dalepowersolutions.com Website: www.dalepowersolutions.com

Registration No 941798 England

Connections View



Relay Contact Specifications

Parameter	Value
Maximum switched voltage	250V ac or 28V dc
Typical switched voltage	5 to 12V dc
Maximum current	7A dc 7A ac @ 250V ac 12A ac @ 125V ac

Relay Contact Specifications

Parameter	Value
Reverse voltage (V_R)	6V dc
Forward input voltage	30V dc max, 5 to 12V dc typical
Forward current	80mA max, 16mA typical
Pulse forward current (I_{fp})	1A (100 μ s pulse, 100pps)

Dale Power Solutions Ltd reserves the right to make changes in specification without notice or liability. All information is subject to Dale Power Solutions own data & is considered accurate at time of publishing.

Dale Power Solutions Ltd

Salter Road, Eastfield Industrial Estate, Scarborough, North Yorkshire, YO11 3DU, United Kingdom

Telephone: +44 (0) 1723 583511 Email: info@dalepowersolutions.com Website: www.dalepowersolutions.com

Registration No 941798 England