

# DG71

industrial bistable (latching) power relay

# DURAKOOL



- Up to 20A /250VAC continuous rating

- Single Coil & Twin Coil Latching

• PDOOVLP

- Utility meters

- Solar / Energy Conservation

• R+6&RPSOLD



## Contacts

Contact number & arrangement	SPST-NO (1 Normally Open - Form A), SPDT (Changeover - Form C)
Contact material	AgSnO <sub>2</sub>
Max. switching voltage	277VAC / 30VDC
Min. switching current / voltage	500mA/12VDC
Max. continuous current	20A/250VAC (SPST-NO) ; 16A/10A/250VAC (SPDT)
Max. switching power	5000VA (20K ops)
Initial resistance	PDPW9&

## Coil

Rated voltage	9...48VDC
Operating range of supply voltage	See coil table 1
Rated power consumption	Single coil: 1.0W / Twin coil: 2.0W

## Insulation

Insulation resistance	DW9&5+
Dielectric strength	
	coil to contact 9UPVPLQ
	between open contacts 9UPVPLQ
Creepage & Clearance	8mm

## General Data

Operating time (max.)	ms	15
Release time (max.)	ms	15
Electrical Life	ops	1 x 10 <sup>5</sup> (16A/250VAC resistive), 2 x 10 <sup>4</sup> (20A/250VAC resistive)
Mechanical life	ops	1 x 10 <sup>6</sup>
Dimensions	/[t	29 x 12.7 x 15.7mm (see drawings for detail)
Weight	]	
Ambient temperature	storage	-40 to 70°C
	operating	-40 to 70°C (Class F)
Shock resistance		Functional: 98m/s <sup>2</sup> ; Destructive: 980m/s <sup>2</sup>
Vibration resistance	+P	
+RLGLW		a5+&



