DN2R
ATS Manual

Product Description

DN2R series dual power automatic transfer switches are newly developed miniature household power transfer switches. This switch is mainly used to test whether the normal or standby power supply is normal.

When the normal power supply is abnormal, the backup power supply will work immediately to ensure the continuity, reliability and safety of the power supply. This product is specially designed for home track TV installation and is specially used for Pz30 distribution box.

Series of automatic transfer switches are suitable for emergency power system 400v,60A with AC rated current of 50v or 60Hz, compact structure, reliable conversion, easy installation and maintenance. long life. It is widely used in various occasions where continuous power failure is not allowed. It can be operated electrically or manually by ATS, and the controller.

Complies with requirements of Low-voltage Switch Gear and Control Gearspecified by IEC 60947-6-1 and IEC60947-3: functional equipment andtransfer switch equipment

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Model and Meaning

DN2R	-	□	/	□P
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Company code		Rated current		Pole：2-Two poles 3-Three poles 4-Four poles

Technical Parameter

Rated current Ie A	16/20/25/32/40/50/63		100
Insulation voltage Ui	AC 690V		
Rated voltage Ue	AC 400V		
Grade	Grade PC:able to male and withstand. not to break short-circuit current		
Use category	AC-33iB		
Pole	2P	3P	4P
Weight(kg)	0.62	0.72	0.81
Life	Electrial:2000times;Mechanical:5000times		
Rated conditionalshort-circuit current Iq	50kA		
SCPD (fuse)	RT16-00-63A		
Rated impulse withstand voltage	8kV		
Control circuit	Rated control voltage Us:AC220V.50Hz Correct working condition85%Us~110%Us		
Auxiliary circuit	AC220V/AC110V 50/60Hz		
Contact transfer time	<50ms		
Operating transfer time	<50ms		
Return transfer time	<50ms		
Off-time	<50ms		
Temperature range	-5℃ ~+40℃ average temperature not more than 35℃ in 24 hours		

Shape and mounting dimensions

Safety distance
S1:≥30mm
S2:≥203mm