



AC Rotary Isolator Switch

Description

WRS series rear mount switch disconnectors are a compact size with a versatile offer. The WRS series switch disconnectors are suitable for both small domestic installations as well as larger industrial applications. With a wide range of accessories that are simple and quick to install with no tools needed.

Standards	IEC 60947-3, EN 60947-3
Part of No.	WRI3P63
Poles	3 pole
Contacts type and composition	3 NO
Network type	AC
Network frequency	50/60 Hz
Rated operational voltage U_e	690 V AC 50/60 Hz
Rated impulse withstand voltage U_{imp}	8 kV
Conventional free air thermal current I_{th}	63 A 131 °F (55 °C)
Conventional enclosed thermal current I_{the}	45A
Rated operational current	25 AAC-23A U_e : 500 V 25 AAC-23A U_e : 690 V 63 AAC-21A U_e : 400 V 63 AAC-21A U_e : 500 V 63 AAC-21A U_e : 690 V 45 AAC-22A U_e : 400 V 45 AAC-22A U_e : 500 V 45 AAC-22A U_e : 690 V 45 AAC-23A U_e : 400 V 60 A U_e : 600 V UL 508
Rated operational power in W	22 kW 690 V AC-23A 22 kW 400 V AC-23A 22 kW 500 V AC-23A
Making capacity (I Rms)	120 A 690 V AC-22A 400 A 690 V AC-23A 94.5 A 690 V AC-21A
Rated short-circuit making capacity I_{cm}	1128 A 690 V
Rated short-time withstand Rms current I_{cw}	800 A 690 V 1 s
Rated conditional short-circuit current	50 kA 400 V 63 A gG
Breaking capacity	120 A 690 V AC-22A 320 A 690 V AC-23A 94.5 A 690 V AC-21A
Mechanical durability	100000 cycles
Electrical durability	15000 cycles AC-21
IP degree of protection	IP20 IEC 60529
Ambient air temperature for operation	-13...131 °F (-25...55 °C)
Mounting	On DIN rail EN 60715 (35mm)

