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Eaton 191859

Eaton Moeller® series R9 Switch-disconnector, R9, UL98, 30 A, service distribution board mounting, 3 pole, With black rotary handle

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PRODUCT NAME	Eaton Moeller® series R9 Switch-disconnector
CATALOG NUMBER	191859
PRODUCT LENGTH/DEPTH	100 mm
PRODUCT HEIGHT	132 mm
PRODUCT WIDTH	78 mm
PRODUCT WEIGHT	0.575 kg
CERTIFICATIONS	VDE 0660 UL IEC/EN 60947 CSA



Powering Business Worldwide

PRODUCT CATEGORY	<ul style="list-style-type: none"> • Main switch • Switch-disconnector • UL98
FEATURES	Version as maintenance-/service switch Version as main switch
ACTUATOR COLOR	Black
10.10 TEMPERATURE RISE	The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.
10.11 SHORT-CIRCUIT RATING	Is the panel builder's responsibility. The specifications for the switchgear must be observed.
10.12 ELECTROMAGNETIC COMPATIBILITY	Is the panel builder's responsibility. The specifications for the switchgear must be observed.
10.13 MECHANICAL FUNCTION	The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.
10.2.2 CORROSION RESISTANCE	Meets the product standard's requirements.
10.2.3.1 VERIFICATION OF THERMAL STABILITY OF ENCLOSURES	Meets the product standard's requirements.
10.2.3.2 VERIFICATION OF RESISTANCE OF INSULATING MATERIALS TO NORMAL HEAT	Meets the product standard's requirements.
10.2.3.3 RESIST. OF INSUL. MAT. TO ABNORMAL HEAT/FIRE BY INTERNAL ELECT. EFFECTS	Meets the product standard's requirements.
10.2.4 RESISTANCE TO ULTRA-VIOLET (UV) RADIATION	UV resistance only in connection with protective shield.
10.2.5 LIFTING	Does not apply, since the entire switchgear needs to be evaluated.
10.2.6 MECHANICAL IMPACT	Does not apply, since the entire switchgear needs to

DECLARATIONS OF CONFORMITY	eaton-switch-disconnector-declaration-of-conformity-uk251003en.pdf
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□□	eaton-rotary-switches-r9-switch-disconnector-3d-drawing.eps

	be evaluated.
10.2.7 INSCRIPTIONS	Meets the product standard's requirements.
10.3 DEGREE OF PROTECTION OF ASSEMBLIES	Does not apply, since the entire switchgear needs to be evaluated.
10.4 CLEARANCES AND CREEPAGE DISTANCES	Meets the product standard's requirements.
10.5 PROTECTION AGAINST ELECTRIC SHOCK	Does not apply, since the entire switchgear needs to be evaluated.
10.6 INCORPORATION OF SWITCHING DEVICES AND COMPONENTS	Does not apply, since the entire switchgear needs to be evaluated.
10.7 INTERNAL ELECTRICAL CIRCUITS AND CONNECTIONS	Is the panel builder's responsibility.
10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS	Is the panel builder's responsibility.
10.9.2 POWER-FREQUENCY ELECTRIC STRENGTH	Is the panel builder's responsibility.
10.9.3 IMPULSE WITHSTAND VOLTAGE	Is the panel builder's responsibility.
10.9.4 TESTING OF ENCLOSURES MADE OF INSULATING MATERIAL	Is the panel builder's responsibility.
FITTED WITH:	Black rotary handle
RATED IMPULSE WITHSTAND VOLTAGE (UIMP)	8000 V AC
RATED PERMANENT CURRENT AT AC-21, 400 V	0 A
RATED PERMANENT CURRENT AT AC-23, 400 V	29.3 A
RATED UNINTERRUPTED CURRENT (IU)	30 A
SWITCHING POWER AT 400 V	0 kW
ACCESSORIES	Auxiliary contact or neutral conductor fitted by user.
DEVICE CONSTRUCTION	Built-in device fixed built-in technique
RATED SHORT-TIME WITHSTAND CURRENT (ICW)	0 kA
ELECTRICAL CONNECTION TYPE OF MAIN CIRCUIT	Frame clamp
MOUNTING POSITION	As required

ACTUATOR TYPE	Long turning handle
AMBIENT OPERATING TEMPERATURE - MAX	40 °C
AMBIENT OPERATING TEMPERATURE - MIN	-25 °C
NUMBER OF AUXILIARY CONTACTS (CHANGE-OVER CONTACTS)	0
NUMBER OF AUXILIARY CONTACTS (NORMALLY CLOSED CONTACTS)	0
RATED CONDITIONAL SHORT-CIRCUIT CURRENT (IQ)	0 kA
CONTROL CIRCUIT RELIABILITY	1 failure per 100,000 switching operations statistically determined, at 24 V DC, 10 mA)
DEGREE OF PROTECTION (FRONT SIDE)	IP20
NUMBER OF POLES	Three-pole
MOUNTING METHOD	Service distribution board mounting
DEGREE OF PROTECTION	NEMA Other
SUITABLE FOR	Intermediate mounting Ground mounting
FUNCTIONS	Interlockable
NUMBER OF SWITCHES	1
SCREW SIZE	4 mm AF, Hexagon socket-head spanner, Terminal screw
SWITCHING CAPACITY (AUXILIARY CONTACTS, GENERAL USE)	10A, IU, (UL/CSA)
SWITCHING CAPACITY (AUXILIARY CONTACTS, PILOT DUTY)	A300 (UL/CSA)
TERMINAL CAPACITY	10 - 2/0 AWG 6 - 70 mm ²
SWITCHING CAPACITY (MAIN CONTACTS, GENERAL USE)	30 A, Rated uninterrupted current max. (UL/CSA)
SAFETY PARAMETER (EN ISO 13849-1)	B10d values as per EN ISO 13849-1, table C.1
NUMBER OF AUXILIARY CONTACTS (NORMALLY OPEN CONTACTS)	0
RATED OPERATING VOLTAGE (UE) - MAX	690 V
RATED OPERATING VOLTAGE (UE) - MIN	690 V

