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## Eaton 191853

Eaton Moeller® series R9 Switch-disconnector, R9, UL98, 30 A, rear mounting, 3 pole, Without rotary handle and drive shaft

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<b>PRODUCT NAME</b>	Eaton Moeller® series R9 Switch-disconnector
<b>CATALOG NUMBER</b>	191853
<b>PRODUCT LENGTH/DEPTH</b>	81 mm
<b>PRODUCT HEIGHT</b>	132 mm
<b>PRODUCT WIDTH</b>	78 mm
<b>PRODUCT WEIGHT</b>	0.55 kg
<b>CERTIFICATIONS</b>	UL VDE 0660 IEC/EN 60947 CSA
<b>CATALOG NOTES</b>	Without rotary handle and drive shaft



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

DECLARATIONS OF CONFORMITY	<a href="#">eaton-switch-disconnector-declaration-of-conformity-uk251003en.pdf</a>
□□□	<a href="#">eaton-rotary-switches-r9-switch-disconnector-wiring-diagram.eps</a>
□□	<a href="#">eaton-rotary-switches-r9-switch-disconnector-3d-drawing.eps</a>

<b>10.2.6 MECHANICAL IMPACT</b>	Does not apply, since the entire switchgear needs to be evaluated.
<b>10.2.7 INSCRIPTIONS</b>	Meets the product standard's requirements.
<b>10.3 DEGREE OF PROTECTION OF ASSEMBLIES</b>	Does not apply, since the entire switchgear needs to be evaluated.
<b>10.4 CLEARANCES AND CREEPAGE DISTANCES</b>	Meets the product standard's requirements.
<b>10.5 PROTECTION AGAINST ELECTRIC SHOCK</b>	Does not apply, since the entire switchgear needs to be evaluated.
<b>10.6 INCORPORATION OF SWITCHING DEVICES AND COMPONENTS</b>	Does not apply, since the entire switchgear needs to be evaluated.
<b>10.7 INTERNAL ELECTRICAL CIRCUITS AND CONNECTIONS</b>	Is the panel builder's responsibility.
<b>10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS</b>	Is the panel builder's responsibility.
<b>10.9.2 POWER-FREQUENCY ELECTRIC STRENGTH</b>	Is the panel builder's responsibility.
<b>10.9.3 IMPULSE WITHSTAND VOLTAGE</b>	Is the panel builder's responsibility.
<b>10.9.4 TESTING OF ENCLOSURES MADE OF INSULATING MATERIAL</b>	Is the panel builder's responsibility.
<b>RATED IMPULSE WITHSTAND VOLTAGE (UIMP)</b>	8000 V AC
<b>RATED PERMANENT CURRENT AT AC-21, 400 V</b>	0 A
<b>RATED PERMANENT CURRENT AT AC-23, 400 V</b>	29.3 A
<b>RATED UNINTERRUPTED CURRENT (IU)</b>	30 A
<b>SWITCHING POWER AT 400 V</b>	0 kW
<b>ACCESSORIES</b>	Auxiliary contact or neutral conductor fitted by user.
<b>DEVICE CONSTRUCTION</b>	Built-in device fixed built-in technique
<b>RATED SHORT-TIME WITHSTAND CURRENT (ICW)</b>	0 kA
<b>ELECTRICAL CONNECTION TYPE OF MAIN CIRCUIT</b>	Frame clamp

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

