

## Eaton 172834

Eaton Moeller® series P1 Main switch, P1, 25 A, rear mounting, 3 pole

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PRODUCT NAME	Eaton Moeller® series P1 Main switch
CATALOG NUMBER	172834
PRODUCT LENGTH/DEPTH	75 mm
PRODUCT HEIGHT	70 mm
PRODUCT WIDTH	49 mm
PRODUCT WEIGHT	0.13 kg
CERTIFICATIONS	CE UL Category Control No.: NLRV CSA-C22.2 No. 94 UL 60947-4-1 UL File No.: E36332 VDE 0660 IEC/EN 60947-3 IEC/EN 60204 CSA File No.: 012528 IEC/EN 60947 CSA CSA Class No.: 3211-05 UL CSA-C22.2 No. 60947-4-1-14
CATALOG NOTES	Rated Short-time Withstand Current (Icw) for a time of 1 second



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PRODUCT CATEGORY	Main switch
FEATURES	Version as maintenance- /service switch Version as main switch
ACTUATOR COLOR	Other
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 be evaluated.
10.2.7 INSCRIPTIONS	Meets the product standard's requirements.
10.3 DEGREE OF	Does not apply, since the

DECLARATIONS OF CONFORMITY	eaton-on-off-switch- declaration-of-conformity- uk251288en.pdf
00000	<u>eaton-switch-</u> <u>disconnector-p1-metal-</u> <u>shaft-il008007zu.pdf</u>
000	eaton-rotary-switches-on- off-switch-p3-main-switch- wiring-diagram.eps
00	eaton-rotary-switches- front-plate-t0-on-off- switch-symbol-002.eps

PROTECTION OF ASSEMBLIES	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	ls the panel builder's responsibility.
10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS	ls the panel builder's responsibility.
10.9.2 POWER- FREQUENCY ELECTRIC STRENGTH	ls the panel builder's responsibility.
10.9.3 IMPULSE WITHSTAND VOLTAGE	ls the panel builder's responsibility.
10.9.4 TESTING OF ENCLOSURES MADE OF INSULATING MATERIAL	ls the panel builder's responsibility.
OPERATING FREQUENCY	1200 Operations/h
POLLUTION DEGREE	3
CLIMATIC PROOFING	Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30
CLIMATIC PROOFING  RATED IMPULSE WITHSTAND VOLTAGE (UIMP)	IEC 60068-2-78 Damp heat, cyclic, to IEC
RATED IMPULSE WITHSTAND VOLTAGE	IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30
RATED IMPULSE WITHSTAND VOLTAGE (UIMP) RATED PERMANENT	IEC 60068-2-78  Damp heat, cyclic, to IEC 60068-2-30
RATED IMPULSE WITHSTAND VOLTAGE (UIMP)  RATED PERMANENT CURRENT AT AC-21, 400 V  RATED PERMANENT	IEC 60068-2-78  Damp heat, cyclic, to IEC 60068-2-30  6000 V AC
RATED IMPULSE WITHSTAND VOLTAGE (UIMP)  RATED PERMANENT CURRENT AT AC-21, 400 V  RATED PERMANENT CURRENT AT AC-23, 400 V  RATED UNINTERRUPTED	IEC 60068-2-78  Damp heat, cyclic, to IEC 60068-2-30  6000 V AC  25 A
RATED IMPULSE WITHSTAND VOLTAGE (UIMP)  RATED PERMANENT CURRENT AT AC-21, 400 V  RATED PERMANENT CURRENT AT AC-23, 400 V  RATED UNINTERRUPTED CURRENT (IU)  STATIC HEAT DISSIPATION, NON- CURRENT-DEPENDENT	IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30  6000 V AC  25 A  25 A
RATED IMPULSE WITHSTAND VOLTAGE (UIMP)  RATED PERMANENT CURRENT AT AC-21, 400 V  RATED PERMANENT CURRENT AT AC-23, 400 V  RATED UNINTERRUPTED CURRENT (IU)  STATIC HEAT DISSIPATION, NON- CURRENT-DEPENDENT PVS  SWITCHING POWER AT	IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30  6000 V AC  25 A  25 A  0 W
RATED IMPULSE WITHSTAND VOLTAGE (UIMP)  RATED PERMANENT CURRENT AT AC-21, 400 V  RATED PERMANENT CURRENT AT AC-23, 400 V  RATED UNINTERRUPTED CURRENT (IU)  STATIC HEAT DISSIPATION, NON- CURRENT-DEPENDENT PVS  SWITCHING POWER AT 400 V  VOLTAGE PER CONTACT	IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30  6000 V AC  25 A  25 A  0 W  13 kW

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DEVICE CONSTRUCTION	Built-in device fixed built- in technique
RATED SHORT-TIME	0.64 kA
WITHSTAND CURRENT (ICW)	640 A, Contacts, 1 second
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ELECTRICAL CONNECTION TYPE OF	Screw connection
MAIN CIRCUIT	
MOUNTING POSITION	As required
ACTUATOR TYPE	Other
AMBIENT OPERATING	50 °C
TEMPERATURE - MAX	
AMBIENT OPERATING TEMPERATURE - MIN	-25 °C
AMBIENT OPERATING	
TEMPERATURE	40 °C
(ENCLOSED) - MAX	
AMBIENT OPERATING	
TEMPERATURE	-25 °C
(ENCLOSED) - MIN	
ASSIGNED MOTOR POWER AT 115/120 V, 60	1 HP
HZ, 1-PHASE	
ASSIGNED MOTOR	
POWER AT 200/208 V, 60	2 HP
HZ, 1-PHASE	
ASSIGNED MOTOR POWER AT 200/208 V, 60	3 HP
HZ, 3-PHASE	5111
ASSIGNED MOTOR	
POWER AT 230/240 V, 60	3 HP
ASSIGNED MOTOR	
ASSIGNED MOTOR POWER AT 230/240 V. 60	5 HP
HZ, 3-PHASE	
ASSIGNED MOTOR	
POWER AT 460/480 V, 60	10 HP
HZ, 3-PHASE	
ASSIGNED MOTOR POWER AT 575/600 V, 60	15 HP
HZ, 3-PHASE	.5111
EQUIPMENT HEAT	
DISSIPATION, CURRENT-	0 W
DEPENDENT PVID	
HEAT DISSIPATION CAPACITY PDISS	0 W
HEAT DISSIPATION PER	
POLE, CURRENT-	1.1 W
DEPENDENT PVID	
NUMBER OF AUXILIARY	0

JUMBER OF AUXILIARY ONTACTS (NORMALLY OSED CONTACTS)  ATED CONDITIONAL HORT-CIRCUIT CURRENT (NORMACITY OSED CONTACTS)  JUMBER OF CONTACTS (NORMALLY OSED CONTACTS)  JUMBER OF CIRCUIT Solve of the first		
ONTACTS (NORMALLY OSED CONTACTS)  ATED CONDITIONAL HORT-CIRCUIT CURRENT (NORMALLY OSED CONTACTS)  ATED CONDITIONAL HORT-CIRCUIT CURRENT (NORMALLY OSED CONTACTS)  ATED CONDITIONAL HORT-CIRCUIT (NORMALLY OSED CONTACTS)  ATED CONTACTS (NORMALLY OSED CONTACTS)  ATED CONTACT (NORMALLY OSED CONTACTS)  ATED CON	CONTACTS (CHANGE- OVER CONTACTS)	
### ACCORDING TO STANDER  ### ACCORDING TO S	NUMBER OF AUXILIARY CONTACTS (NORMALLY CLOSED CONTACTS)	0
TRITEGORY  1 failure per 100,000 switching operations statistically determined, at 24 V DC, 10 mA)  FIGURE OF PROTECTION RONT SIDE)  1 F65  1 F65  1 F65  1 F65  1 F65  1 F66  1 F66  1 F66  1 F67  1 F67  1 F68  1	RATED CONDITIONAL SHORT-CIRCUIT CURRENT (IQ)	80 kA
SWITCHING OPERATION STATISTICAL CIRCUIT SELIABILITY  SEGREE OF PROTECTION RONT SIDE)  JUMBER OF POLES  JUMBER OF POLES  JUMBER OF PROTECTION REGREE OF PROTE	OVERVOLTAGE CATEGORY	III
ACCORDING TO BE TO	CONTROL CIRCUIT RELIABILITY	switching operations statistically determined, at
DOUNTING METHOD REGREE OF PROTECTION REGREE OF PROTECTION  Branch circuits, suitable as motor disconnect, (UL/CSA) Intermediate mounting Ground mounting  JMBER OF SWITCHES  INFE ISOLATION  REW SIZE  M40 V AC, Between the contacts, According to EN 61140  REW SIZE  M4, Terminal screw  15 g, Mechanical, According to IEC/EN 60068-2-27, Halfsinusoidal shock 20 ms  FESPAN, MECHANICAL  DAD RATING  DAD RATING  DAD RATING  DISCHMISSION OF SWITCHES  INFE ISOLATION  1.3 x le (with intermittent operation class 12, 60 % duty factor) 1.6 x le (with intermittent operation class 12, 40 % duty factor) 2 x le (with intermittent operation class 12, 25 % duty factor)  2 x le (with intermittent operation class 12, 25 % duty factor)  2 x le (with intermittent operation class 12, 25 % duty factor)  2 x le (with intermittent operation class 12, 25 % duty factor)  2 x le (with intermittent operation class 12, 25 % duty factor)  2 x le (with intermittent operation class 12, 25 % duty factor)  2 x le (with intermittent operation class 12, 25 % duty factor)  2 x le (with intermittent operation class 12, 25 % duty factor)  2 x le (with intermittent operation class 12, 25 % duty factor)  2 x le (with intermittent operation class 12, 25 % duty factor)  2 x le (with intermittent operation class 12, 25 % duty factor)  2 x le (with intermittent operation class 12, 25 % duty factor)  2 x le (with intermittent operation class 12, 40 % duty factor)  2 x le (with intermittent operation class 12, 40 % duty factor)  2 x le (with intermittent operation class 12, 60 % duty factor)  2 x le (with intermittent operation class 12, 60 % duty factor)  3 x le (with intermittent operation class 12, 60 % duty factor)  4 x le (with intermittent operation class 12, 60 % duty factor)  3 x le (with intermittent operation class 12, 60 % duty factor)  4 x le (with intermittent operation class 12, 60 % duty factor)  4 x le (with intermittent operation class 12, 60 % duty factor)  5 x le (with intermittent operation class 12, 60 % duty factor)  1 x le (with intermitten	DEGREE OF PROTECTION (FRONT SIDE)	IP65
Branch circuits, suitable as motor disconnect, (UL/CSA) Intermediate mounting Ground mounting  JMBER OF SWITCHES  A40 V AC, Between the contacts, According to EN 61140  REW SIZE  M4, Terminal screw  15 g, Mechanical, According to IEC/EN 60068-2-27, Half-sinusoidal shock 20 ms  FESPAN, MECHANICAL  300,000 Operations  1.3 x l <sub>e</sub> (with intermittent operation class 12, 60 % duty factor) 1.6 x l <sub>e</sub> (with intermittent operation class 12, 40 % duty factor) 2 x l <sub>e</sub> (with intermittent operation class 12, 25 % duty factor)  WITCHING CAPACITY UXILIARY CONTACTS, ENERAL USE)  WITCHING CAPACITY UXILIARY CONTACTS, A600 (UL/CSA)  A600 (UL/CSA)  1 x (1.5 - 6) mm², solid or stranded	NUMBER OF POLES	3
Branch circuits, suitable as motor disconnect, (UL/CSA) Intermediate mounting Ground mounting  JMBER OF SWITCHES  IFE ISOLATION  BREW SIZE  M440 V AC, Between the contacts, According to EN 61140  BREW SIZE  M4, Terminal screw  15 g, Mechanical, According to IEC/EN 60068-2-27, Halfsinusoidal shock 20 ms  FESPAN, MECHANICAL  300,000 Operations  1.3 x I <sub>e</sub> (with intermittent operation class 12, 60 % duty factor) 1.6 x I <sub>e</sub> (with intermittent operation class 12, 40 % duty factor) 2 x I <sub>e</sub> (with intermittent operation class 12, 25 % duty factor)  WITCHING CAPACITY UXILIARY CONTACTS, ENERAL USE)  WITCHING CAPACITY UXILIARY CONTACTS, LOT DUTY)  P600 (UL/CSA)  A600 (UL/CSA)  A600 (UL/CSA)  I x (1.5 - 6) mm², solid or stranded	MOUNTING METHOD	Rear mounting
motor disconnect, (UL/CSA) Intermediate mounting Ground mounting  JMBER OF SWITCHES  440 V AC, Between the contacts, According to EN 61140  REW SIZE  M4, Terminal screw  15 g, Mechanical, According to IEC/EN 60068-2-27, Half- sinusoidal shock 20 ms  FESPAN, MECHANICAL  300,000 Operations  1.3 x l <sub>e</sub> (with intermittent operation class 12, 60 % duty factor) 1.6 x l <sub>e</sub> (with intermittent operation class 12, 40 % duty factor) 2 x l <sub>e</sub> (with intermittent operation class 12, 25 % duty factor)  10A, IU, (UL/CSA)  WITCHING CAPACITY UXILIARY CONTACTS, ENERAL USE)  WITCHING CAPACITY UXILIARY CONTACTS, LOT DUTY)  P600 (UL/CSA) A600 (UL/CSA) A600 (UL/CSA)  I x (1.5 - 6) mm², solid or stranded	DEGREE OF PROTECTION	NEMA 1
440 V AC, Between the contacts, According to EN 61140  REW SIZE  M4, Terminal screw  15 g, Mechanical, According to IEC/EN 60068-2-27, Half-sinusoidal shock 20 ms  FESPAN, MECHANICAL  300,000 Operations  1.3 x I <sub>e</sub> (with intermittent operation class 12, 60 % duty factor) 1.6 x I <sub>e</sub> (with intermittent operation class 12, 40 % duty factor) 2 x I <sub>e</sub> (with intermittent operation class 12, 25 % duty factor)  WITCHING CAPACITY UXILIARY CONTACTS, ENERAL USE)  WITCHING CAPACITY UXILIARY CONTACTS, LOT DUTY)  P600 (UL/CSA)  1 x (1.5 - 6) mm², solid or stranded	SUITABLE FOR	motor disconnect, (UL/CSA) Intermediate mounting
CONTACTS, According to EN 61140  CREW SIZE  M4, Terminal screw  15 g, Mechanical, According to IEC/EN 60068-2-27, Halfsinusoidal shock 20 ms  FESPAN, MECHANICAL  300,000 Operations  1.3 x le (with intermittent operation class 12, 60 % duty factor) 1.6 x le (with intermittent operation class 12, 40 % duty factor) 2 x le (with intermittent operation class 12, 25 % duty factor)  2 x le (with intermittent operation class 12, 25 % duty factor)  7 x (le (with intermittent operation class 12, 25 % duty factor)  8 VITCHING CAPACITY UXILIARY CONTACTS, ENERAL USE)  WITCHING CAPACITY UXILIARY CONTACTS, LOT DUTY)  1 x (1.5 - 6) mm², solid or stranded	NUMBER OF SWITCHES	1
According to IEC/EN 60068-2-27, Half- sinusoidal shock 20 ms  FESPAN, MECHANICAL  300,000 Operations  1.3 x l <sub>e</sub> (with intermittent operation class 12, 60 % duty factor) 1.6 x l <sub>e</sub> (with intermittent operation class 12, 40 % duty factor) 2 x l <sub>e</sub> (with intermittent operation class 12, 25 % duty factor) 10A, IU, (UL/CSA)  WITCHING CAPACITY UXILIARY CONTACTS, ENERAL USE)  WITCHING CAPACITY UXILIARY CONTACTS, LOT DUTY)  P600 (UL/CSA)  A600 (UL/CSA)  1 x (1.5 - 6) mm², solid or stranded	SAFE ISOLATION	contacts, According to EN
According to IEC/EN 60068-2-27, Half- sinusoidal shock 20 ms  FESPAN, MECHANICAL  300,000 Operations  1.3 x l <sub>e</sub> (with intermittent operation class 12, 60 % duty factor) 1.6 x l <sub>e</sub> (with intermittent operation class 12, 40 % duty factor) 2 x l <sub>e</sub> (with intermittent operation class 12, 25 % duty factor)  1.6 x l <sub>e</sub> (with intermittent operation class 12, 25 % duty factor)  2 x l <sub>e</sub> (with intermittent operation class 12, 25 % duty factor)  1.6 x l <sub>e</sub> (with intermittent operation class 12, 40 % duty factor)  2 x l <sub>e</sub> (with intermittent operation class 12, 25 % duty factor)  1.6 x l <sub>e</sub> (with intermittent operation class 12, 40 % duty factor)  2 x l <sub>e</sub> (with intermittent operation class 12, 25 % duty factor)  1.6 x l <sub>e</sub> (with intermittent operation class 12, 40 % duty factor)  2 x l <sub>e</sub> (with intermittent operation class 12, 40 % duty factor)  2 x l <sub>e</sub> (with intermittent operation class 12, 40 % duty factor)  2 x l <sub>e</sub> (with intermittent operation class 12, 40 % duty factor)  2 x l <sub>e</sub> (with intermittent operation class 12, 40 % duty factor)  2 x l <sub>e</sub> (with intermittent operation class 12, 40 % duty factor)  2 x l <sub>e</sub> (with intermittent operation class 12, 40 % duty factor)  2 x l <sub>e</sub> (with intermittent operation class 12, 40 % duty factor)  2 x l <sub>e</sub> (with intermittent operation class 12, 40 % duty factor)  2 x l <sub>e</sub> (with intermittent operation class 12, 40 % duty factor)  2 x l <sub>e</sub> (with intermittent operation class 12, 40 % duty factor)  2 x l <sub>e</sub> (with intermittent operation class 12, 40 % duty factor)  3 x l <sub>e</sub> (with intermittent operation class 12, 40 % duty factor)  3 x l <sub>e</sub> (with intermittent operation class 12, 40 % duty factor)  3 x l <sub>e</sub> (with intermittent operation class 12, 40 % duty factor)  3 x l <sub>e</sub> (with intermittent operation class 12, 40 % duty factor)  4 x l <sub>e</sub> (with intermittent operation class 12, 40 % duty factor)  4 x l <sub>e</sub> (with intermittent operation class 12, 40 % duty factor)  4 x l <sub>e</sub> (with intermittent operation class 12, 40 % duty factor)	SCREW SIZE	M4, Terminal screw
1.3 x l <sub>e</sub> (with intermittent operation class 12, 60 % duty factor) 1.6 x l <sub>e</sub> (with intermittent operation class 12, 40 % duty factor) 2 x l <sub>e</sub> (with intermittent operation class 12, 25 % duty factor)  WITCHING CAPACITY UXILIARY CONTACTS, ENERAL USE)  WITCHING CAPACITY UXILIARY CONTACTS, ENERAL USE)  WITCHING CAPACITY UXILIARY CONTACTS, LOT DUTY)  P600 (UL/CSA) A600 (UL/CSA)  1 x (1.5 - 6) mm², solid or stranded	SHOCK RESISTANCE	According to IEC/EN 60068-2-27, Half-
operation class 12, 60 % duty factor) 1.6 x l <sub>e</sub> (with intermittent operation class 12, 40 % duty factor) 2 x l <sub>e</sub> (with intermittent operation class 12, 25 % duty factor) WITCHING CAPACITY UXILIARY CONTACTS, ENERAL USE) WITCHING CAPACITY UXILIARY CONTACTS, LOT DUTY)  P600 (UL/CSA) A600 (UL/CSA)  1 x (1.5 - 6) mm², solid or stranded	LIFESPAN, MECHANICAL	300,000 Operations
UXILIARY CONTACTS, ENERAL USE)  VITCHING CAPACITY UXILIARY CONTACTS, LOT DUTY)  10A, IU, (UL/CSA)  P600 (UL/CSA)  A600 (UL/CSA)  1 x (1.5 - 6) mm², solid or stranded	LOAD RATING	operation class 12, 60 % duty factor) 1.6 $\times$ I <sub>e</sub> (with intermittent operation class 12, 40 % duty factor) 2 $\times$ I <sub>e</sub> (with intermittent operation class 12, 25 %
UXILIARY CONTACTS, A600 (UL/CSA) A600 (UL/CSA)  1 x (1.5 - 6) mm², solid or stranded	SWITCHING CAPACITY (AUXILIARY CONTACTS, GENERAL USE)	10A, IU, (UL/CSA)
RMINAL CAPACITY stranded	SWITCHING CAPACITY (AUXILIARY CONTACTS, PILOT DUTY)	
2 x (1.5 - 6) mm², solid or	TERMINAL CAPACITY	

	stranded 14 - 8 AWG, solid or flexible with ferrule 1 x (1 - 4) mm², flexible with ferrules to DIN 46228 2 x (1 - 4) mm², flexible with ferrules to DIN 46228
SWITCHING CAPACITY (MAIN CONTACTS, GENERAL USE)	20 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
NUMBER OF CONTACTS IN SERIES AT DC-23A, 120 V	3
NUMBER OF CONTACTS IN SERIES AT DC-23A, 24 V	1
NUMBER OF CONTACTS IN SERIES AT DC-23A, 48 V	2
NUMBER OF CONTACTS IN SERIES AT DC-23A, 60 V	2
RATED BREAKING CAPACITY AT 220/230 V (COS PHI TO IEC 60947-3)	190 A
RATED BREAKING CAPACITY AT 400/415 V (COS PHI TO IEC 60947-3)	150 A
RATED BREAKING CAPACITY AT 500 V (COS PHI TO IEC 60947-3)	170 A
RATED BREAKING CAPACITY AT 660/690 V (COS PHI TO IEC 60947-3)	150 A
RATED MAKING CAPACITY UP TO 690 V (COS PHI TO IEC/EN 60947-3)	240 A
RATED OPERATING VOLTAGE (UE) - MAX	690 V
RATED OPERATING VOLTAGE (UE) - MIN	690 V
RATED OPERATIONAL VOLTAGE (UE) AT AC - MAX	690 V
SHORT-CIRCUIT CURRENT RATING (BASIC RATING)	110A, max. Fuse, SCCR (UL/CSA) 5 kA, SCCR (UL/CSA)
SHORT-CIRCUIT CURRENT RATING (HIGH FAULT)	10 kA, SCCR (UL/CSA) 50 A, Class J, max. Fuse, SCCR (UL/CSA)

SHORT-CIRCUIT PROTECTION RATING RATED OPERATIONAL CURRENT (IE) AT AC-21, 440 V  RATED OPERATIONAL CURRENT (IE) AT AC-23A, 25 A 230 V  RATED OPERATIONAL CURRENT (IE) AT AC-23A, 400 V, 415 V  RATED OPERATIONAL CURRENT (IE) AT AC-23A, 500 V  RATED OPERATIONAL CURRENT (IE) AT AC-23A, 500 V  RATED OPERATIONAL CURRENT (IE) AT AC-3A, 500 V  RATED OPERATIONAL CURRENT (IE) AT AC-3A, 220 V, 230 V, 240 V  RATED OPERATIONAL CURRENT (IE) AT AC-3, 380 V, 400 V, 415 V  RATED OPERATIONAL CURRENT (IE) AT AC-3, 660 V, 690 V  RATED OPERATIONAL CURRENT (IE) AT AC-3, 660 V, 690 V  RATED OPERATIONAL CURRENT (IE) AT DC-13A, 12 A 25 A 2		
CURRENT (IE) AT AC-21, 440 V  RATED OPERATIONAL CURRENT (IE) AT AC-23A, 25 A  230 V  RATED OPERATIONAL CURRENT (IE) AT AC-23A, 25 A  400 V, 415 V  RATED OPERATIONAL CURRENT (IE) AT AC-23A, 17.4 A  500 V  RATED OPERATIONAL CURRENT (IE) AT AC-23A, 690 V  RATED OPERATIONAL CURRENT (IE) AT AC-3, 220 V, 230 V, 240 V  RATED OPERATIONAL CURRENT (IE) AT AC-3, 380 V, 400 V, 415 V  RATED OPERATIONAL CURRENT (IE) AT AC-3, 500 V  RATED OPERATIONAL CURRENT (IE) AT AC-3, 660 V, 690 V  RATED OPERATIONAL CURRENT (IE) AT DC-1, LOAD-BREAK SWITCHES L/R = 1 MS  RATED OPERATIONAL CURRENT (IE) AT DC-23A, 25 A  24 V  RATED OPERATIONAL CURRENT (IE) AT DC-23A, 25 A  24 V  RATED OPERATIONAL CURRENT (IE) AT DC-23A, 25 A  48 V  RATED OPERATIONAL CURRENT (IE) AT DC-23A, 25 A  48 V  RATED OPERATIONAL CURRENT (IE) AT DC-23A, 25 A  48 V  RATED OPERATIONAL CURRENT (IE) AT DC-23A, 25 A  48 V  RATED OPERATIONAL CURRENT (IE) AT DC-23A, 25 A  48 V  RATED OPERATIONAL CURRENT (IE) AT DC-23A, 25 A  48 V  RATED OPERATIONAL CURRENT (IE) AT DC-23A, 25 A  48 V  RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)  RATED OPERATIONAL POWER AT AC-23A, 20/230 V, 50 HZ  RATED OPERATIONAL  RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)  RATED OPERATIONAL POWER AT AC-23A, 20/230 V, 50 HZ  RATED OPERATIONAL  RATED OPERATIONAL POWER AT AC-23A, 20/230 V, 50 HZ  RATED OPERATIONAL  13 kW		25 A gG/gL, Fuse, Contacts
CURRENT (IE) AT AC-23A, 25 A 230 V  RATED OPERATIONAL CURRENT (IE) AT AC-23A, 400 V, 415 V  RATED OPERATIONAL CURRENT (IE) AT AC-23A, 500 V  RATED OPERATIONAL CURRENT (IE) AT AC-23A, 690 V  RATED OPERATIONAL CURRENT (IE) AT AC-3, 220 V, 230 V, 240 V  RATED OPERATIONAL CURRENT (IE) AT AC-3, 380 V, 400 V, 415 V  RATED OPERATIONAL CURRENT (IE) AT AC-3, 500 V  RATED OPERATIONAL CURRENT (IE) AT AC-3, 500 V  RATED OPERATIONAL CURRENT (IE) AT AC-3, 660 V, 690 V  RATED OPERATIONAL CURRENT (IE) AT DC-1, LOAD-BREAK SWITCHES L/R = 1 MS  RATED OPERATIONAL CURRENT (IE) AT DC-23A, 12 A 12 A 12 A 24 V  RATED OPERATIONAL CURRENT (IE) AT DC-23A, 25 A 24 V  RATED OPERATIONAL CURRENT (IE) AT DC-23A, 25 A 48 V  RATED OPERATIONAL CURRENT (IE) AT DC-23A, 25 A 48 V  RATED OPERATIONAL CURRENT (IE) AT DC-23A, 25 A 48 V  RATED OPERATIONAL CURRENT (IE) AT DC-23A, 25 A 48 V  RATED OPERATIONAL CURRENT (IE) AT DC-23A, 25 A 48 V  RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)  RATED OPERATIONAL POWER AT AC-23A, 220/230 V, 50 HZ  RATED OPERATIONAL POWER AT AC-23A, 220/230 V, 50 HZ  RATED OPERATIONAL  RATED OPERATIONAL POWER AT AC-23A, 220/230 V, 50 HZ  RATED OPERATIONAL  RATED OPERATIONAL POWER AT AC-23A, 220/230 V, 50 HZ  RATED OPERATIONAL  RATED OPERATIONAL  13 kW	CURRENT (IE) AT AC-21,	25 A
CURRENT (IE) AT AC-23A, 400 V, 415 V  RATED OPERATIONAL CURRENT (IE) AT AC-23A, 500 V  RATED OPERATIONAL CURRENT (IE) AT AC-23A, 690 V  RATED OPERATIONAL CURRENT (IE) AT AC-3, 220 V, 230 V, 240 V  RATED OPERATIONAL CURRENT (IE) AT AC-3, 380 V, 400 V, 415 V  RATED OPERATIONAL CURRENT (IE) AT AC-3, 500 V  RATED OPERATIONAL CURRENT (IE) AT AC-3, 660 V, 690 V  RATED OPERATIONAL CURRENT (IE) AT AC-3, 660 V, 690 V  RATED OPERATIONAL CURRENT (IE) AT DC-1, LOAD-BREAK SWITCHES L/R = 1 MS  RATED OPERATIONAL CURRENT (IE) AT DC-23A, 120 V  RATED OPERATIONAL CURRENT (IE) AT DC-23A, 25 A 24 V  RATED OPERATIONAL CURRENT (IE) AT DC-23A, 25 A 48 V  RATED OPERATIONAL CURRENT (IE) AT DC-23A, 25 A 48 V  RATED OPERATIONAL CURRENT (IE) AT DC-23A, 60 V  RATED OPERATIONAL CURRENT (IE) AT DC-23A, 50 V  RATED OPERATIONAL CURRENT (IE) AT DC-23A, 60 V  RATED OPERATIONAL CURRENT (IE) AT DC-23A, 50 V  RATED OPERATIONAL 25 A 30 V  RATED OPERATIONAL 31 KW	CURRENT (IE) AT AC-23A,	25 A
CURRENT (IE) AT AC-23A, 500 V  RATED OPERATIONAL CURRENT (IE) AT AC-23A, 690 V  RATED OPERATIONAL CURRENT (IE) AT AC-3, 220 V, 230 V, 240 V  RATED OPERATIONAL CURRENT (IE) AT AC-3, 380 V, 400 V, 415 V  RATED OPERATIONAL CURRENT (IE) AT AC-3, 500 V  RATED OPERATIONAL CURRENT (IE) AT AC-3, 660 V, 690 V  RATED OPERATIONAL CURRENT (IE) AT DC-1, LOAD-BREAK SWITCHES L/R = 1 MS  RATED OPERATIONAL CURRENT (IE) AT DC-23A, 120 V  RATED OPERATIONAL CURRENT (IE) AT DC-23A, 24 V  RATED OPERATIONAL CURRENT (IE) AT DC-23A, 25 A 48 V  RATED OPERATIONAL CURRENT (IE) AT DC-23A, 25 A 60 V  RATED OPERATIONAL CURRENT (IE) AT DC-23A, 25 A 60 V  RATED OPERATIONAL CURRENT (IE) AT DC-23A, 25 A 60 V  RATED OPERATIONAL CURRENT (IE) AT DC-23A, 50 V  RATED OPERATIONAL CURRENT (IE) AT DC-23A, 50 V  RATED OPERATIONAL CURRENT (IE) AT DC-23A, 50 V  RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)  RATED OPERATIONAL 5.5 kW 220/230 V, 50 HZ  RATED OPERATIONAL 13 kW	CURRENT (IE) AT AC-23A,	25 A
CURRENT (IE) AT AC-23A, 690 V  RATED OPERATIONAL CURRENT (IE) AT AC-3, 220 V, 230 V, 240 V  RATED OPERATIONAL CURRENT (IE) AT AC-3, 380 V, 400 V, 415 V  RATED OPERATIONAL CURRENT (IE) AT AC-3, 500 V  RATED OPERATIONAL CURRENT (IE) AT AC-3, 660 V, 690 V  RATED OPERATIONAL CURRENT (IE) AT DC-1, LOAD-BREAK SWITCHES L/R = 1 MS  RATED OPERATIONAL CURRENT (IE) AT DC-23A, 120 V  RATED OPERATIONAL CURRENT (IE) AT DC-23A, 24 V  RATED OPERATIONAL CURRENT (IE) AT DC-23A, 24 V  RATED OPERATIONAL CURRENT (IE) AT DC-23A, 25 A  RATED OPERATIONAL CURRENT (IE) AT DC-23A, 25 A  RATED OPERATIONAL CURRENT (IE) AT DC-23A, 25 A  RATED OPERATIONAL CURRENT (IE) AT DC-23A, 50 V  RATED OPERATIONAL SS A  RATED OPERATION	CURRENT (IE) AT AC-23A,	17.4 A
CURRENT (IE) AT AC-3, 220 V, 230 V, 240 V  RATED OPERATIONAL CURRENT (IE) AT AC-3, 380 V, 400 V, 415 V  RATED OPERATIONAL CURRENT (IE) AT AC-3, 500 V  RATED OPERATIONAL CURRENT (IE) AT AC-3, 660 V, 690 V  RATED OPERATIONAL CURRENT (IE) AT DC-1, LOAD-BREAK SWITCHES L/R = 1 MS  RATED OPERATIONAL CURRENT (IE) AT DC-23A, 120 V  RATED OPERATIONAL CURRENT (IE) AT DC-23A, 25 A  24 V  RATED OPERATIONAL CURRENT (IE) AT DC-23A, 25 A  48 V  RATED OPERATIONAL CURRENT (IE) AT DC-23A, 25 A  48 V  RATED OPERATIONAL CURRENT (IE) AT DC-23A, 25 A  48 V  RATED OPERATIONAL CURRENT (IE) AT DC-23A, 25 A  48 V  RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)  RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)  RATED OPERATIONAL POWER AT AC-23A, 220/230 V, 50 HZ  RATED OPERATIONAL 13 kW	CURRENT (IE) AT AC-23A,	12.6 A
CURRENT (IE) AT AC-3, 380 V, 400 V, 415 V  RATED OPERATIONAL CURRENT (IE) AT AC-3, 500 V  RATED OPERATIONAL CURRENT (IE) AT AC-3, 660 V, 690 V  RATED OPERATIONAL CURRENT (IE) AT DC-1, LOAD-BREAK SWITCHES L/R = 1 MS  RATED OPERATIONAL CURRENT (IE) AT DC-23A, 120 V  RATED OPERATIONAL CURRENT (IE) AT DC-23A, 24 V  RATED OPERATIONAL CURRENT (IE) AT DC-23A, 25 A  25 A  27 A  28 A  29 A  29 A  20 A  RATED OPERATIONAL CURRENT (IE) AT DC-23A, 24 V  RATED OPERATIONAL CURRENT (IE) AT DC-23A, 25 A  26 A  27 A  RATED OPERATIONAL CURRENT (IE) AT DC-23A, 26 A  CURRENT (IE) AT DC-23A, 27 A  CURRENT (IE) AT DC-23A, 28 A  CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)  RATED OPERATIONAL POWER AT AC-23A, 220/230 V, 50 HZ  RATED OPERATIONAL  RATED OPERATIONAL 13 kW	CURRENT (IE) AT AC-3,	19.6 A
CURRENT (IE) AT AC-3, 500 V  RATED OPERATIONAL CURRENT (IE) AT AC-3, 660 V, 690 V  RATED OPERATIONAL CURRENT (IE) AT DC-1, LOAD-BREAK SWITCHES L/R = 1 MS  RATED OPERATIONAL CURRENT (IE) AT DC-23A, 120 V  RATED OPERATIONAL CURRENT (IE) AT DC-23A, 24 V  RATED OPERATIONAL CURRENT (IE) AT DC-23A, 25 A  24 V  RATED OPERATIONAL CURRENT (IE) AT DC-23A, 25 A  48 V  RATED OPERATIONAL CURRENT (IE) AT DC-23A, 25 A  60 V  RATED OPERATIONAL CURRENT (IE) AT DC-23A, 60 V  RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)  RATED OPERATIONAL POWER AT AC-23A, 220/230 V, 50 HZ  RATED OPERATIONAL  RATED OPERATIONAL 13 kW	CURRENT (IE) AT AC-3,	15.2 A
CURRENT (IE) AT AC-3, 660 V, 690 V  RATED OPERATIONAL CURRENT (IE) AT DC-1, LOAD-BREAK SWITCHES L/R = 1 MS  RATED OPERATIONAL CURRENT (IE) AT DC-23A, 120 V  RATED OPERATIONAL CURRENT (IE) AT DC-23A, 24 V  RATED OPERATIONAL CURRENT (IE) AT DC-23A, 48 V  RATED OPERATIONAL CURRENT (IE) AT DC-23A, 48 V  RATED OPERATIONAL CURRENT (IE) AT DC-23A, 48 V  RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)  RATED OPERATIONAL POWER AT AC-23A, 220/230 V, 50 HZ  RATED OPERATIONAL  RATED OPERATIONAL POWER AT AC-23A, 220/230 V, 50 HZ	CURRENT (IE) AT AC-3,	12.1 A
CURRENT (IE) AT DC-1, LOAD-BREAK SWITCHES L/R = 1 MS  RATED OPERATIONAL CURRENT (IE) AT DC-23A, 120 V  RATED OPERATIONAL CURRENT (IE) AT DC-23A, 24 V  RATED OPERATIONAL CURRENT (IE) AT DC-23A, 25 A  RATED OPERATIONAL CURRENT (IE) AT DC-23A, 48 V  RATED OPERATIONAL CURRENT (IE) AT DC-23A, 60 V  RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)  RATED OPERATIONAL POWER AT AC-23A, 220/230 V, 50 HZ  RATED OPERATIONAL  13 kW	CURRENT (IE) AT AC-3,	8.8 A
CURRENT (IE) AT DC-23A, 12 A 120 V  RATED OPERATIONAL CURRENT (IE) AT DC-23A, 25 A 24 V  RATED OPERATIONAL CURRENT (IE) AT DC-23A, 48 V  RATED OPERATIONAL CURRENT (IE) AT DC-23A, 25 A 60 V  RATED OPERATIONAL CURRENT FOR SPECIFIED 4 HEAT DISSIPATION (IN)  RATED OPERATIONAL POWER AT AC-23A, 20/230 V, 50 HZ  RATED OPERATIONAL 13 kW	CURRENT (IE) AT DC-1, LOAD-BREAK SWITCHES	25 A
CURRENT (IE) AT DC-23A, 25 A 24 V  RATED OPERATIONAL CURRENT (IE) AT DC-23A, 48 V  RATED OPERATIONAL CURRENT (IE) AT DC-23A, 25 A 60 V  RATED OPERATIONAL CURRENT FOR SPECIFIED 4 HEAT DISSIPATION (IN)  RATED OPERATIONAL POWER AT AC-23A, 20/230 V, 50 HZ  RATED OPERATIONAL 13 kW	CURRENT (IE) AT DC-23A,	12 A
CURRENT (IE) AT DC-23A, 25 A  RATED OPERATIONAL CURRENT (IE) AT DC-23A, 60 V  RATED OPERATIONAL CURRENT FOR SPECIFIED 4 HEAT DISSIPATION (IN)  RATED OPERATIONAL POWER AT AC-23A, 220/230 V, 50 HZ  RATED OPERATIONAL 13 kW	CURRENT (IE) AT DC-23A,	25 A
CURRENT (IE) AT DC-23A, 25 A  60 V  RATED OPERATIONAL CURRENT FOR SPECIFIED 25 A  HEAT DISSIPATION (IN)  RATED OPERATIONAL POWER AT AC-23A, 5.5 kW 220/230 V, 50 HZ  RATED OPERATIONAL  13 kW	CURRENT (IE) AT DC-23A,	25 A
CURRENT FOR SPECIFIED 25 A HEAT DISSIPATION (IN)  RATED OPERATIONAL POWER AT AC-23A, 5.5 kW 220/230 V, 50 HZ  RATED OPERATIONAL 13 kW	CURRENT (IE) AT DC-23A,	25 A
POWER AT AC-23A, 5.5 kW 220/230 V, 50 HZ  RATED OPERATIONAL 13 kW	CURRENT FOR SPECIFIED	25 A
13 kW	POWER AT AC-23A,	5.5 kW
		13 kW

50 HZ

**RATED OPERATIONAL** 

**POWER AT AC-23A, 500 V,** 

50 HZ

11 kW

**RATED OPERATIONAL** 

**POWER AT AC-23A, 690 V,** 

50 HZ

11 kW

**RATED OPERATIONAL** 

**POWER AT AC-3, 380/400** 

V, 50 HZ

7.5 kW

**RATED OPERATIONAL** 

**POWER AT AC-3, 415 V, 50** 

7.5 kW

**RATED OPERATIONAL** 

**POWER AT AC-3, 690 V, 50** 

7.5 kW

14.1 lb-in, Screw terminals **TIGHTENING TORQUE** 

1.6 Nm, Screw terminals

UNINTERRUPTED **CURRENT** 

Rated uninterrupted current lu is specified for

max. cross-section.

**HOUSING MATERIAL** 

Plastic

**PROJECT NAME:** 

**PROJECT NUMBER:** 

**PREPARED BY:** 

00:



Eaton House 30 Pembroke Road Dublin 4, 🗆 🗆 🗅 Eaton.com









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