Photo is representative

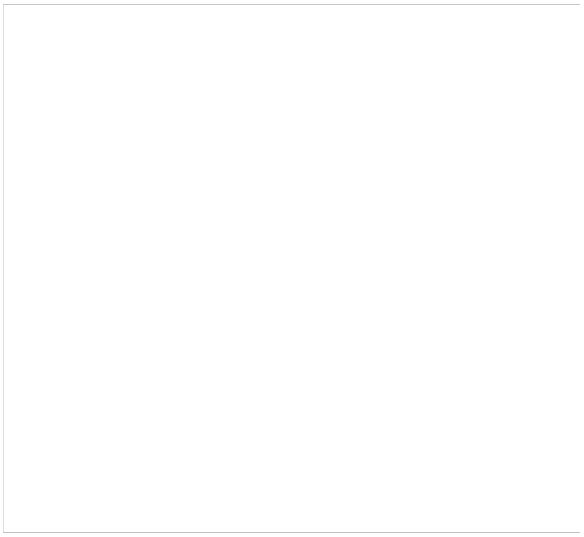

Photo is representative

138262

Eaton Moeller® series PKE Trip block, 8 - 32 A, Mo
to SmartWire-DT: yes, For use with: PKE65 basic d

How to buy

Contact technical support >

Photo is representative

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Need product support?

Support from Eaton

Need urgent product technical support?

Phone: +44 (0) 1753 608 700 Option 3 then 1

General specifications

GENERAL SPECIFICATIONS

PRODUCT NAME	Eaton Moeller® series PKE Trip block
CATALOG NUMBER	138262
MODEL CODE	PKE-XTUVA-32

Features & Functions
General
Ambient conditions, mechanical
Climatic environmental conditions
Electrical rating
Short-circuit rating
Switching capacity
Magnet system
Communication
Design verification

MODEL CODE	PKE-XTUWA-32
EAN	4015081350421
PRODUCT LENGTH/DEPTH	84.4 mm
PRODUCT HEIGHT	69.9 mm
PRODUCT WIDTH	55 mm
PRODUCT WEIGHT	0.196 kg
CERTIFICATIONS	CSA Class No.: 3211-05 VDE 0660 IEC/EN 60947 UL 508 UL File No.: E36332 CSA CSA-C22.2 No. 14-10 IEC/EN 60947-4-1 CE UL CSA File No.: 165628 UL Category Control No.: NLRV

FEATURES & FUNCTIONS

FEATURES	Phase-failure sensitivity (according to IEC/EN 6094 Part 102)
FUNCTIONS	Overload release Motor protection Motor protection for heavy starting duty
NUMBER OF POLES	Three-pole

GENERAL

CURRENT FLOW TIMES - MIN	1000 (Class 20) AC-4 cycle operation, Main conduc 900 (Class 15) AC-4 cycle operation, Main conduct 700 (Class 10) AC-4 cycle operation, Main conduct 500 (Class 5) AC-4 cycle operation, Main conductir For all combinations with an SWD activation, you the minimum current flow times and minimum cut- Note: Going below the minimum current flow time of the load (motor).
CUT-OUT PERIODS - MIN	≤ 500 ms, main conducting paths, AC-4 cycle opera
DEGREE OF PROTECTION	Device: IP20 Terminals: IP00
OPERATING FREQUENCY	60 Operations/h
OVERLOAD RELEASE CURRENT SETTING - MIN	8 A
OVERLOAD RELEASE CURRENT SETTING - MAX	32 A

OVERVOLTAGE CATEGORY	III
POLLUTION DEGREE	3
PRODUCT CATEGORY	Accessories
PROTECTION	Finger and back-of-hand proof, Protection against di actuated from front (EN 50274)
RATED IMPULSE WITHSTAND VOLTAGE (UIMP)	6000 V AC
TEMPERATURE COMPENSATION	-5 - 40 °C to IEC/EN 60947, VDE 0660 -25 - 55 °C, Operating range
VOLTAGE TYPE	Self powered

AMBIENT CONDITIONS, MECHANICAL

SHOCK RESISTANCE	25 g, Mechanical, according to IEC/EN 60068-2-27 shock 10 ms

CLIMATIC ENVIRONMENTAL CONDITIONS

ALTITUDE	Max. 2000 m
AMBIENT OPERATING TEMPERATURE - MIN	-25 °C
AMBIENT OPERATING TEMPERATURE - MAX	55 °C
AMBIENT OPERATING TEMPERATURE (ENCLOSED) - MIN	25 °C
AMBIENT OPERATING TEMPERATURE (ENCLOSED) - MAX	40 °C
AMBIENT STORAGE TEMPERATURE - MIN	40 °C
AMBIENT STORAGE TEMPERATURE - MAX	80 °C
CLIMATIC PROOFING	Damp heat, cyclic, to IEC 60068-2-30 Damp heat, constant, to IEC 60068-2-78

ELECTRICAL RATING

RATED FREQUENCY - MIN	50 Hz
RATED FREQUENCY - MAX	60 Hz
RATED OPERATIONAL CURRENT (IE)	32 A
RATED OPERATIONAL VOLTAGE (UE) AT AC - MAX	690 V

RATED OPERATIONAL VOLTAGE (UE) AT AC - MAX	690 V
RATED UNINTERRUPTED CURRENT (IU)	32 A

SHORT-CIRCUIT RATING

SHORT-CIRCUIT RELEASE	Trip block fixed 15.5 x Ir Delayed approx. 60 ms, Trip blocks ± 20% tolerance, Trip blocks

SWITCHING CAPACITY

SWITCHING CAPACITY AT AC-3 (UP TO 690 V)	32 A

MAGNET SYSTEM

RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 50 HZ - MIN	0 V
RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 50 HZ - MAX	0 V
RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 60 HZ - MIN	0 V
RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 60 HZ - MAX	0 V
RATED CONTROL SUPPLY VOLTAGE (US) AT DC - MIN	0 V
RATED CONTROL SUPPLY VOLTAGE (US) AT DC - MAX	0 V

COMMUNICATION

CONNECTION TO SMARTWIRE-DT	In conjunction with PKE-SWD-SP SmartWire DT Yes

DESIGN VERIFICATION

EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT PVID	3.9 W
HEAT DISSIPATION CAPACITY PDISS	0 W

HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT PVID	1.3 W
RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)	32 A
STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS	0 W
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	Meets the product standard's requirements.
10.2.5 LIFTING	Does not apply, since the entire switchgear needs to
10.2.6 MECHANICAL IMPACT	Does not apply, since the entire switchgear needs to
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
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
10.6 INCORPORATION OF SWITCHING DEVICES AND COMPONENTS	Does not apply, since the entire switchgear needs to
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.
10.10 TEMPERATURE RISE	The panel builder is responsible for the temperature Eaton will provide heat dissipation data for the devi
10.11 SHORT-CIRCUIT RATING	Is the panel builder's responsibility. The specificatio must be observed.
10.12 ELECTROMAGNETIC COMPATIBILITY	Is the panel builder's responsibility. The specificatio must be observed.
10.13 MECHANICAL FUNCTION	The device meets the requirements, provided the inf instruction leaflet (IL) is observed.

Brochures

Catalogs

Certification reports

Characteristic curve

Declarations of conformity

Drawings

eCAD model

Installation instructions

Installation videos

Manuals and user guides

mCAD model

How to buy

Locate a distributor

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