





## GENERAL SPECIFICATIONS

General specifications

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**PRODUCT NAME** Eaton Moeller® series PKE Trip block

Product specifications

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**CATALOG NUMBER** 121724

**MODEL CODE** PKE-XTU-4

**EAN** 4015081195343

**PRODUCT LENGTH/DEPTH** 41.6 mm

**PRODUCT HEIGHT** 64.2 mm

**PRODUCT WIDTH** 45 mm

**PRODUCT WEIGHT** 0.086 kg

**COMPLIANCES** CE Marked

### CERTIFICATIONS

CSA Std. C22.2 No. 14-10  
EN 60947-4-1  
IEC 60947-4-1  
UL 508  
VDE  
CSA Class No.: 3211-05  
CSA File No.: 165628  
IEC/EN 60947-4-1  
CE  
UL Category Control No.: NLRV  
UL File No.: E36332  
CSA-C22.2 No. 14-10  
IEC/EN 60947  
VDE 0660  
CSA  
UL

## PRODUCT SPECIFICATIONS

**RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)** 4 A

**10.11 SHORT-CIRCUIT RATING** Is the panel builder's responsibility. The specifications must be observed.

**AMBIENT OPERATING TEMPERATURE (ENCLOSED) - MIN** 25 °C

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

**10.4 CLEARANCES AND CREEPAGE DISTANCES** Meets the product standard's requirements.

**10.12 ELECTROMAGNETIC COMPATIBILITY** Is the panel builder's responsibility. The specifications must be observed.

**CUT-OUT PERIODS - MIN** ≤ 500 ms, main conducting paths, AC-4 cycle operation

**10.2.5 LIFTING** Does not apply, since the entire switchgear needs to be lifted.

<b>AMBIENT OPERATING TEMPERATURE (ENCLOSED) - MAX</b>	40 °C
<b>10.2.3.1 VERIFICATION OF THERMAL STABILITY OF ENCLOSURES</b>	Meets the product standard's requirements.
<b>AMBIENT STORAGE TEMPERATURE - MIN</b>	40 °C
<b>RATED CONTROL SUPPLY VOLTAGE (US) AT DC - MIN</b>	0 V
<b>CURRENT FLOW TIMES - MIN</b>	For all combinations with an SWD activation, you must specify the minimum current flow times and minimum cut-off times. Note: Going below the minimum current flow time of the load (motor). 1000 (Class 20) AC-4 cycle operation, Main conductor 700 (Class 10) AC-4 cycle operation, Main conductor 900 (Class 15) AC-4 cycle operation, Main conductor 500 (Class 5) AC-4 cycle operation, Main conductor
<b>RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 50 HZ - MAX</b>	0 V
<b>10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS</b>	Is the panel builder's responsibility.
<b>PROTECTION</b>	Finger and back-of-hand proof Protection against disarming actuated from front (EN 50274)
<b>AMBIENT OPERATING TEMPERATURE - MAX</b>	55 °C
<b>CLIMATIC PROOFING</b>	Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30
<b>FEATURES</b>	Phase-failure sensitivity (according to IEC/EN 60947-1 Part 102)
<b>CONNECTION TO SMARTWIRE-DT</b>	No
<b>STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS</b>	0 W
<b>RATED CONTROL SUPPLY VOLTAGE (US) AT DC - MAX</b>	0 V
<b>10.9.3 IMPULSE WITHSTAND VOLTAGE</b>	Is the panel builder's responsibility.
<b>NUMBER OF POLES</b>	Three-pole
<b>AMBIENT OPERATING TEMPERATURE - MIN</b>	-25 °C
<b>10.6 INCORPORATION OF SWITCHING DEVICES AND COMPONENTS</b>	Does not apply, since the entire switchgear needs to be tested
<b>10.5 PROTECTION AGAINST ELECTRIC SHOCK</b>	Does not apply, since the entire switchgear needs to be tested
<b>USED WITH</b>	PKE12 and PKE32 basic devices
<b>RATED UNINTERRUPTED CURRENT (IU)</b>	4 A
<b>SHORT-CIRCUIT RELEASE</b>	Delayed approx. 60 ms, Trip blocks Trip block fixed 15.5 x Ir ± 20% tolerance, Trip blocks
<b>10.13 MECHANICAL FUNCTION</b>	The device meets the requirements, provided the installation is correct

instruction leaflet (IL) is observed.

<b>SWITCHING CAPACITY AT AC-3 (UP TO 690 V)</b>	4 A
<b>10.2.6 MECHANICAL IMPACT</b>	Does not apply, since the entire switchgear needs to
<b>10.9.4 TESTING OF ENCLOSURES MADE OF INSULATING MATERIAL</b>	Is the panel builder's responsibility.
<b>10.3 DEGREE OF PROTECTION OF ASSEMBLIES</b>	Does not apply, since the entire switchgear needs to
<b>HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT PVID</b>	0.2 W
<b>OPERATING FREQUENCY</b>	60 Operations/h
<b>VOLTAGE TYPE</b>	Self-powered
<b>SHORT-CIRCUIT RELEASE FUNCTION</b>	Delayed
<b>PRODUCT CATEGORY</b>	Accessories
<b>OVERLOAD RELEASE CURRENT SETTING - MIN</b>	1 A
<b>EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT PVID</b>	0.6 W
<b>HEAT DISSIPATION CAPACITY PDISS</b>	0 W
<b>RATED OPERATIONAL CURRENT (IE)</b>	4 A
<b>TEMPERATURE COMPENSATION</b>	-5 - 40 °C to IEC/EN 60947, VDE 0660 -25 - 55 °C, Operating range
<b>RATED FREQUENCY - MIN</b>	50 Hz
<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>OVERLOAD RELEASE CURRENT SETTING - MAX</b>	4 A
<b>10.9.2 POWER-FREQUENCY ELECTRIC STRENGTH</b>	Is the panel builder's responsibility.
<b>DEGREE OF PROTECTION</b>	Device: IP20 Terminals: IP00
<b>OVERVOLTAGE CATEGORY</b>	III
<b>RATED FREQUENCY - MAX</b>	60 Hz
<b>AMBIENT STORAGE TEMPERATURE - MAX</b>	80 °C
<b>RATED OPERATIONAL VOLTAGE (UE) AT AC - MAX</b>	690 V
<b>UNDELAYED SHORT-CIRCUIT RELEASE - MIN</b>	15.5 A
<b>POLLUTION DEGREE</b>	3
<b>RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 60 HZ - MIN</b>	0 V

<b>10.7 INTERNAL ELECTRICAL CIRCUITS AND CONNECTIONS</b>	Is the panel builder's responsibility.
<b>RATED IMPULSE WITHSTAND VOLTAGE (UIMP)</b>	6000 V AC
<b>10.10 TEMPERATURE RISE</b>	The panel builder is responsible for the temperature Eaton will provide heat dissipation data for the device
<b>FUNCTIONS</b>	Motor protection Overload release Motor protection for heavy starting duty
<b>PROTECTION TYPE</b>	Electronic release
<b>10.2.2 CORROSION RESISTANCE</b>	Meets the product standard's requirements.
<b>10.2.4 RESISTANCE TO ULTRA-VIOLET (UV) RADIATION</b>	Meets the product standard's requirements.
<b>10.2.7 INSCRIPTIONS</b>	Meets the product standard's requirements.
<b>RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 60 HZ - MAX</b>	0 V
<b>UNDELAYED SHORT-CIRCUIT RELEASE - MAX</b>	62 A
<b>SHOCK RESISTANCE</b>	25 g, Mechanical, according to IEC/EN 60068-2-27 shock 10 ms
<b>ALTITUDE</b>	Max. 2000 m

Brochures

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Catalogs

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Certification reports

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Characteristic curve

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Declarations of conformity

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Drawings

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eCAD model

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Installation instructions

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Installation videos

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Manuals and user guides

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mCAD model

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