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## Eaton 189575

Eaton xComfort KLV LV systems Final Distribution Boards. Assembled flush mounting compact distribution board, 3-row, flush sheet steel door

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<b>PRODUCT NAME</b>	Eaton xComfort KLV pre-wired distribution board
<b>CATALOG NUMBER</b>	189575
<b>PRODUCT LENGTH/DEPTH</b>	100 mm
<b>PRODUCT HEIGHT</b>	590 mm
<b>PRODUCT WIDTH</b>	360 mm
<b>PRODUCT WEIGHT</b>	13.2 kg
<b>COMPLIANCES</b>	RoHS conform
<b>CERTIFICATIONS</b>	IEC/EN 60670-24 IEC/EN 62208



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<b>SPECIAL FEATURES</b>	<ul style="list-style-type: none"> <li>• IP30</li> <li>• Protection Class II</li> <li>• Plastic enclosure with sheet steel door, white (RAL 9016)</li> </ul>
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<b>TYPE</b>	<ul style="list-style-type: none"> <li>• Basic device</li> <li>• Installation distribution boards</li> <li>• KLV energy</li> </ul>
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<b>VOLTAGE RATING</b>	400 V AC
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<b>FEATURES</b>	<ul style="list-style-type: none"> <li>Protection dual RCD</li> <li>Protection high integrity</li> <li>Protection incoming RCD</li> <li>Protection split load</li> </ul>
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<b>10.10 TEMPERATURE RISE</b>	The requirements of the product standard have been met.
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<b>10.11 SHORT-CIRCUIT RATING</b>	The requirements of the product standard have been met.
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<b>10.12 ELECTROMAGNETIC COMPATIBILITY</b>	The requirements of the product standard have been met.
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<b>10.13 MECHANICAL FUNCTION</b>	The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.
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<b>10.2.2 CORROSION RESISTANCE</b>	Meets the product standard's requirements.
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<b>10.2.3.1 VERIFICATION OF THERMAL STABILITY OF ENCLOSURES</b>	Meets the product standard's requirements.
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<b>10.2.3.2 VERIFICATION OF RESISTANCE OF INSULATING MATERIALS TO NORMAL HEAT</b>	Meets the product standard's requirements.
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<b>10.2.3.3 RESIST. OF INSUL. MAT. TO ABNORMAL HEAT/FIRE BY INTERNAL ELECT. EFFECTS</b>	650 °C
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<b>10.2.4 RESISTANCE TO ULTRA-VIOLET (UV) RADIATION</b>	Not relevant to indoor installations.
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<b>10.2.5 LIFTING</b>	Does not apply to enclosures without lifting aids.
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□□□□	<a href="#">eaton-xcomfort-compact-distribution-boxes-brochure-br014015en-en-us.pdf</a>
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□□	<a href="#">eaton-lighting-xcomfort-klv-lv-systems-dimensions-003.eps</a>
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□□	<a href="#">eaton-lighting-xcomfort-klv-lv-systems-dimensions-007.eps</a>
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<b>10.2.6 MECHANICAL IMPACT</b>	IK05
<b>10.2.7 INSCRIPTIONS</b>	Meets the product standard's requirements.
<b>10.3 DEGREE OF PROTECTION OF ASSEMBLIES</b>	IP30
<b>10.4 CLEARANCES AND CREEPAGE DISTANCES</b>	Meets the product standard's requirements.
<b>10.5 PROTECTION AGAINST ELECTRIC SHOCK</b>	Protection class 2, therefore not applicable.
<b>10.6 INCORPORATION OF SWITCHING DEVICES AND COMPONENTS</b>	The requirements of the product standard have been met.
<b>10.7 INTERNAL ELECTRICAL CIRCUITS AND CONNECTIONS</b>	The requirements of the product standard have been met.
<b>10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS</b>	Is the panel builder's responsibility.
<b>10.9.2 POWER-FREQUENCY ELECTRIC STRENGTH</b>	Ui = 400 V AC
<b>10.9.3 IMPULSE WITHSTAND VOLTAGE</b>	4 kV
<b>10.9.4 TESTING OF ENCLOSURES MADE OF INSULATING MATERIAL</b>	Meets the product standard's requirements.
<b>FITTED WITH:</b>	<p>12 SU empty section cover</p> <p>3D adjustment element for mounting designed to adjust the mounting depth by up to 18 mm</p> <p>Nail lugs</p> <p>Wired and tested in conformity with EN 61439-3</p> <p>Door/Frame</p> <p>Linked to eight PLI-B16/1's, wired to 5-terminal block</p> <p>Device support rails</p> <p>Installation instructions</p> <p>2 rows, each equipped with one PXF-40/4/003-A</p> <p>Neutral and protective conductor terminals with KSK plug-in terminal technology</p> <p>Cable retainer</p> <p>Wall trough</p> <p>Front cover</p> <p>Imprintable sheet</p> <p>Spirit level for leveling</p>

<b>FREQUENCY RATING</b>	50 Hz
<b>ENCLOSURE MATERIAL</b>	Plastic
<b>CABLE ENTRY POSTION</b>	Cable entries on top and bottom, side, back plate
<b>TERMINAL TYPE</b>	Plug-in terminals
<b>HEAT DISS. AMBIENT 35°C DELTA T:20°C FLUSH MOUNT INDIVID. ENCL. TOP(IEC 60890)</b>	20 W
<b>HEAT DISS. AMBIENT 35°C DELTA T:35°C FLUSH MOUNT INDIVID. ENCL. TOP(IEC 60890)</b>	43 W
<b>NUMBER OF CIRCUIT BREAKERS (EARTH LEAKAGE)</b>	0
<b>NUMBER OF DIRECT GROUPS</b>	2
<b>NUMBER OF GROUPS (TOTAL)</b>	16
<b>CLOSURE TYPE</b>	Other
<b>COVER/DOOR COLOR</b>	White
<b>NUMBER OF GROUPS BEHIND EARTH LEAKAGE SWITCH</b>	16
<b>NUMBER OF LIGHT GROUPS PROTECTED BY 30 MA</b>	2
<b>NUMBER OF PHASES</b>	3
<b>NUMBER OF POLES AT MAIN SWITCH</b>	0
<b>NUMBER OF SWITCHES (EARTH LEAKAGE 30 MA)</b>	2
<b>WIDTH IN NUMBER OF MODULAR SPACINGS</b>	12
<b>AMBIENT OPERATING TEMPERATURE DETAILS</b>	-5 °C - 40 °C
<b>APPLICATION</b>	Indoor (installation site)
<b>NUMBER OF SWITCHES (EARTH LEAKAGE 300 MA)</b>	0
<b>COLOR</b>	Traffic white (RAL 9016) White
<b>NUMBER OF ROWS</b>	3
<b>FREQUENCY RATING OF CONTACTS</b>	50 Hz
<b>COOKER GROUP</b>	None
<b>INSTALLATION TYPE</b>	Flush mounting
<b>MODULE RACK TYPE</b>	Rail frame
<b>DEGREE OF PROTECTION</b>	IP30

	IK05 (impact resistance)
<b>NUMBER OF MODULE SPACE UNITS PER ROW</b>	12
<b>PROTECTION CLASS</b>	II (totally insulated)
<b>PROTECTIVE SHROUDING MATERIAL</b>	Plastic
<b>ROCKER COLOR</b>	White
<b>FUNCTIONS</b>	Basic device Extension possible
<b>PROTECTED BY</b>	Miniature- / earth leakage circuit breaker
<b>MATERIAL</b>	Polystyren (plastic) Sheet steel, powder-coated
<b>MOUNTING METHOD</b>	Flush mounting Flush mounted (plaster)
<b>PE AND N TERMINAL NUMBER AND CROSS SECTION</b>	PE: 4 x (2.5 mm <sup>2</sup> - 25 mm <sup>2</sup> ) + 28 x (0.5 mm <sup>2</sup> - 4 mm <sup>2</sup> ) N: 4 x (2.5 mm <sup>2</sup> - 25 mm <sup>2</sup> ) + 28 x (0.5 mm <sup>2</sup> - 4 mm <sup>2</sup> )
<b>NUMBER OF ARC FAULT DETECTION DEVICES AFDD</b>	0
<b>NUMBER OF OUTGOING WAYS</b>	16
<b>BUILT-IN HEIGHT</b>	45 mm
<b>BUILT-IN WIDTH</b>	251 mm
<b>RAL-NUMBER</b>	9016
<b>TYPE OF COVERING</b>	Door
<b>RELEASE CHARACTERISTIC</b>	B
<b>RATED SHORT-CIRCUIT BREAKING CAPACITY (EN 60898) AT 230 V</b>	10 kA
<b>NUMBER OF SINGLE-PHASE MINIATURE CIRCUIT BREAKERS (MCB)</b>	16
<b>NUMBER OF THREE-PHASE MINIATURE CIRCUIT BREAKERS (MCB)</b>	0
<b>CONNECTION TYPE</b>	Push-in clamp
<b>NUMBER OF EARTH LEAKAGE CIRCUIT BREAKERS/AFDD</b>	0

