



Outdoor distribution board 400/10

Part no. BP-VF-400/10
Article no. 125830

Delivery program

Mounting type			Floor standing distribution board
Material			Aluminium
Door interlock			Rotary lever
Installation site			Outdoor
Degree of Protection			IP43
Surface finish			With powder coating
Width		mm	400
Depth		mm	280
Height		mm	1060
Colour			light gray (RAL 7035)

Design verification as per IEC/EN 61439

Technical data for design verification			
Heat dissipation, at an ambient temperature of 35°C, delta T: 20 degrees, calculated as per IEC 60890			
Individual enclosure, flush mounting	P _V	CO	55
Heat dissipation, at an ambient temperature of 35°C, delta T: 35 degrees, calculated as per IEC 60890			
Individual enclosure, flush mounting	P _V	CO	111
IEC/EN 61439 design verification			
10.2 Strength of materials and parts			
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 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric 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 to enclosures without lifting aids.
10.2.6 Mechanical impact			IK07
10.2.7 Inscriptions			Meets the product standard's requirements.
10.3 Degree of protection of ASSEMBLIES			IP43
10.4 Clearances and creepage distances			Is the panel builder's responsibility.
10.5 Protection against electric shock			< 0.1 Ω; meets the product standard's requirements.
10.6 Incorporation of switching devices and components			Is the panel builder's responsibility.
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 Insulation properties			
10.9.2 Power-frequency electric strength			U _i = 440 V AC
10.9.3 Impulse withstand voltage			4 kV
10.9.4 Testing of enclosures made of insulating material			Does not apply to metal enclosures.
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.
10.12 Electromagnetic compatibility			Is the panel builder's responsibility.
10.13 Mechanical function			Meets the product standard's requirements.

Technical data ETIM 6.0

Mounting method			Surface mounting
Number of rows			7
Width in number of modular spacings			13
Type of cover			Door
Cover model			Closed
Transparent cover/door			No
Material housing			Aluminium
Height		mm	1060
Width		mm	400
Depth		mm	280
Built-in depth		mm	0
Internal depth		mm	250
DIN-rail			Yes
With mounting plate			No
Extension possible			Yes
EMC-version			Yes
Colour			Grey
RAL-number			7035
Degree of protection (IP)			IP43
With lock			No