

Surface-mount service distribution board with three-point turn-lock, including DIN rails, front plate with 45-mm cutout; $W=600\,\text{mm},\,H=1260\,$



Part no. BP-0-600/12-C Article no. 293309

Delivery program

Mounting type Features with DIN-rails Front plate with 45-mm cutout with DIN-rail Frontplate with 45-mm cutout with DIN-rail Frontplate with 45-mm cut-out with DIN-rail Frontplate with 45-mm cut-out with DIN-rail Frontplate with 45-mm cut-out Sheet steel Door interlock Door interlock Installation site Degree of Protection Degree of Protection Purface finish With powder coating Width Depth Depth Depth Depth Depth Depth Degree of Protection Degree	- 1 P - 3		
Features With DIN-rail Frontplate with 45-mm cut-out Material Door interlock Installation site Degree of Protection Surface finish Width mm 600 Depth Height Front plate with 45-mm cut-out with DIN-rail Frontplate with 45-mm cut-out Sheet steel Three-point turn-lock Indoor IP30 With powder coating With powder coating Model Front plate with 45-mm cutout With powder coating Front plate with 45-mm cutout With powder coating Front plate with 45-mm cutout With DIN-rail Frontplate with 45-mm cut-out Sheet steel Indoor IP30 With powder coating Model Model Front plate with 45-mm cutout Sheet steel Indoor IP30 With powder coating Model Model Front plate with 45-mm cutout Sheet steel Indoor IP30 With powder coating Model Front plate with 45-mm cutout Sheet steel Indoor IP30 With powder coating Model Front plate with 45-mm cutout Sheet steel Indoor	Mounting type		Surface mounted
Frontplate with 45mm cut-out Material Door interlock Installation site Degree of Protection Surface finish Width mm Depth mm Depth Height Frontplate with 45mm cut-out Sheet steel Three-point turn-lock Indoor IP30 With powder coating With powder coating mm Depth mm Depth mm Depth mm Depth Middle Middl	Features		
Door interlock Installation site Indoor Degree of Protection Surface finish Width Mmm 600 Depth Height Three-point turn-lock Indoor With powder coating With powder coating Mmm 262 Mmm 1260	Features		
Installation site Indoor Degree of Protection IP30 Surface finish With powder coating Width mm 600 Depth mm 262 Height Indoor	Material		Sheet steel
Degree of Protection Surface finish Width mm 600 Depth Height IP30 With powder coating mm 600 the powder coating mm 262 the powder coating	Door interlock		Three-point turn-lock
Surface finish With powder coating Width mm 600 Depth mm 262 Height 1260	Installation site		Indoor
Width mm 600 Depth mm 262 Height mm 1260	Degree of Protection		IP30
Depth mm 262 Height mm 1260	Surface finish		With powder coating
Height mm 1260	Width	mm	600
	Depth	mm	262
Colour light gray (RAL 7035)	Height	mm	1260
	Colour		light gray (RAL 7035)

Design verification as per IEC/EN 61439

Design vermication as per illo/liv 01433			
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 for wall mounting	P_{V}	CO	80
Starting enclosure for wall mounting	P_{V}	CO	75
Middle enclosure for wall mounting	P_{V}	CO	71
Heat dissipation, at an ambient temperature of 35°C, delta T: 35 degrees, calculated as per IEC 60890			
Individual enclosure for wall mounting	P_{V}	CO	161
Starting enclosure for wall mounting	P_{V}	CO	151
Middle enclosure for wall mounting	P_{V}	CO	143
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			Not relevant to indoor installations.
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			IP30
10.4 Clearances and creepage distances			Is the panel builder's responsibility.
10.5 Protection against electric shock			$<$ 0.1 $\Omega;$ 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

Distribution boards (EG000023) / Small distribution board (EC000214)

Electric engineering, automation, process control engineering / Electrical installation, device / Electrical distribution system (incl. small distribution board) / Small distribution board (ecl@ss8.1-27-14-24-09 [ACN387008])

(eci@330.1-27-14-24-03 [Aci\007000])		
Mounting method		Surface mounting
Number of rows		7
Width in number of modular spacings		24
Type of cover		Door
Cover model		Closed
Transparent cover/door		No
Material housing		Steel
Height	mı	mm 1260
Width	mı	mm 600
Depth	mı	mm 262.5
Built-in depth	mı	mm 0
Internal depth	mı	mm 257.5
DIN-rail		Yes
With mounting plate		No
Extension possible		Yes
EMC-version		No
Colour		Grey
RAL-number		7035
Degree of protection (IP)		IP30
With lock		No