DATASHEET - BP-0-400/12-MSW



Surface-mount service distribution board with three-point turn-lock, mounting side panel, W = 400 mm, H = 1260 mm



Part no.BP-0-400/12-MSWCatalog No.149119Alternate CatalogBP-0-400-12-MSWNo.EL-NummerO002455326(Norway)

Delivery program

Mounting type		Surface mounted
Material		Sheet steel
Door interlock		Three-point turn-lock
Installation site		Indoor
Degree of Protection		IP30
Surface finish		With powder coating
Width	mm	400
Depth	mm	262
Height	mm	1260
Colour		light gray (RAL 7035)
applicable for		MSW

Design verification as per IEC/EN 61439

Design vernication as per 120/214 01455			
Technical data for design verification			
Heat dissipation, at an ambient temperature of 35°C, delta T: 20 degrees in top of the enclosure, calculated as per IEC 60890			
Individual enclosure for wall mounting	P _V	W	57
Starting enclosure for wall mounting	PV	W	72
Middle enclosure for wall mounting	P _V	W	66
Heat dissipation, at an ambient temperature of 35°C, delta T: 35 degrees in top of the enclosure, calculated as per IEC 60890			
Individual enclosure for wall mounting	Pv	W	115
Starting enclosure for wall mounting	P _V	W	145
Middle enclosure for wall mounting	PV	W	132
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 7.0

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@ss10.0.1-27-14-24-09 [ACN387011])

Mounting method Surface mounted (plaster) Number of rows 9 Vidth in number of modular spacings 3 Type of cover Dor Cover model Cosed Tansparent cover/door Monting Material housing Monting Height Monting Dop Stel Built-in depth Stel Internal depth Monting Internal depth Monting With mounting plate Monting With mounting plate Monting With mounting plate Monting With mounting plate Monting Material housing			
Width in number of modular spacings Image: spacing spaci	Mounting method	Surface mounted (plaster)	
Type of coverDorCover modelCosedTransparent cover/doorMoMaterial housingMoHeightMoVidthMoDepthMoBuilt-in depthMoInternal depthMnDIN-railS15With mounting plateMoExtension possibleMoMoMoMononMoMononMoMononMoMononMoMononMoMononMoMononMoMononMoMononMoMononMoMononMoMononMoMononMoMononMoMononMoMononMo <td>Number of rows</td> <td>9</td> <td></td>	Number of rows	9	
Cover model Feed Closed Transparent cover/door Mo No Material housing Stel Stel Height mm 1200 Vidth mm 200 Depth mm 263.5 Internal depth mm 25.5 DN-rail Mo Stel Vith mounting plate mm 25.5 Kension possible Mo Stel	Width in number of modular spacings	13	
Transparent cover/doorNoMaterial housingSteelHeightmm160Widthmm400Depthmm62.5Built-in depthmm87.5DIN-railmm57.5Witt mounting plateMmNoExtension possibleMmNo	Type of cover	Door	
Material housingMaterial housingMaterial housingStelHeightmm160Vidthmm400Depthmm62.5Built-in depthmm185Internal depthmm57.5DIN-railMm10Vitt mounting plateMmMmExtension possibleMmMm	Cover model	Closed	
Heightmm260Withmm400Depthmm62.5Built-in depthmm85Internal depthmm27.5DIN-railMmNoWith mounting plateMmMailExtension possibleMmMail	Transparent cover/door	No	
Widthmm40Depthmm62.5Buit-in depthmm185Internal depthmm57.5DIN-railmmNoWith mounting platemmNoExtension possiblemmFead	Material housing	Steel	
Depthmm262.5Built-in depthmm185Internal depthmm27.5DIN-railMmNoWith mounting plateMmNoExtension possibleMmYes	Height	mm 1260	
Built-in depth mm 185 Internal depth mm 257.5 DIN-rail M No With mounting plate MO No Extension possible Image: Section of the section	Width	mm 400	
Internal depth mm 257.5 DIN-rail No No With mounting plate No No Extension possible Mo Yes	Depth	mm 262.5	
DIN-rail With mounting plate Extension possible	Built-in depth	mm 185	
With mounting plate No Extension possible Yes	Internal depth	mm 257.5	
Extension possible Yes	DIN-rail	No	
	With mounting plate	No	
	Extension possible	Yes	
EMC-version Yes	EMC-version	Yes	
Colour Grey	Colour	Grey	
RAL-number 7035	RAL-number	7035	
Degree of protection (IP)	Degree of protection (IP)	IP30	
With lock No	With lock	No	
Type of closure Other	Type of closure	Other	