DATASHEET - BP-0-400/7-MSW



Surface-mount service distribution board with three-point turn-lock, mounting side panel, W = 400 mm, H = 760 mm



Part no.	BP-0-400/7-MSW
Catalog No.	149117
Alternate Catalog	BP-0-400-7-MSW
No.	
EL-Nummer	0002455324
(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	760
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	54
Starting enclosure for wall mounting	P _V	W	49
Middle enclosure for wall mounting	P _V	W	45
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	108
Starting enclosure for wall mounting	P _V	W	99
Middle enclosure for wall mounting	PV	W	91
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 methodImage: Surface mounted (plaster)Number of rowsImage: Surface mounted (plaster)Width in number of modular spacingsImage: Surface mounted (plaster)Type of coverImage: Surface mounted (plaster)Type of coverImage: Surface mounted (plaster)Cover modelImage: Surface mounted (plaster)Transparent cover/doorImage: Surface mounted (plaster)Material housingImage: Surface mounted (plaster)HeightImage: Surface mounted (plaster)NidthImage: Surface mounted (plaster)DepthImage: Surface mounted (plaster)Built-in depthImage: Surface mounted (plaster)Internal depthImage: Surface mounted (plaster)Nith mounting plateImage: Surface mounted (plaster)With mounting plateImage: Surface mounted (plaster)			
With in number of modular spacingsImage: space of constraints of constr	nting method		Surface mounted (plaster)
Type of cover Oor Cover model Iosed Transparent cover/door No Material housing Iom Height Imm Vidth Imm Depth Imm Built-in depth Imm Internal depth Imm DIN-rail Imm	per of rows		5
Cover modelCover modelCosedTransparent cover/doorMaterial housingNoMaterial housingMaterial housingStelHeightMam70WidthMam400DepthMamStelBuilt-in depthMamStelInternal depthMamStelDIN-railMamStel	ı in number of modular spacings		13
Transparent cover/doorNoMaterial housingStelHeightmmKodemmVidthmmDepthmmBuilt-in depthmmInternal depthmmDIN-railMaterial material	of cover		Door
Material housingStelHeightmm760Widthmm400Depthmm262.5Built-in depthmm185Internal depthmm27.5DIN-railMaterial Material Material Material MaterialNo	r model		Closed
Heightnm760Widthnm400Depthnm22.5Built-in depthnm185Internal depthnm27.5DIN-railNoNo	parent cover/door		No
Widthmm400Depthmm262.5Buit-in depthmm185Internal depthmm27.5DIN-railModelModel	rial housing		Steel
Depth mm 26.5 Built-in depth mm 15 Internal depth mm 27.5 DIN-rail Mm 10	ıt	m	n 760
Buit-in depth mm 185 Internal depth mm 257.5 DIN-rail Mo No	1	m	n 400
Internal depth mm 257.5 DIN-rail No	1	m	n 262.5
DIN-rail No	in depth	m	n 185
	1al depth	m	n 257.5
With mounting plate No	ail		No
	mounting plate		No
Extension possible Yes	ision possible		Yes
EMC-version Yes	version		Yes
Colour Grey	ır		Grey
RAL-number 7035	number		7035
Degree of protection (IP) IP30	ee of protection (IP)		IP30
With lock No	lock		No
Type of closure Other	of closure		Other