



Insulated enclosure, flush mounting, rotary handle red yellow, IP55\_x

Part no.  
Catalog No.

E-PKZ0-GR  
072908



## Delivery program

Product range		Accessories
Subrange		Installation enclosures
Accessories		Insulated enclosures for PKZ
		with red-yellow rotary knob, for use as EMERGENCY STOP switch in accordance with EN 60204
Degree of Protection		Front IP55
For use with		PKZM0-... +NHI or U or A +NHI-E +L-PKZ0 (2 off)
<b>Notes</b>		
Integrated terminal for PE(N) connection.		

## Design verification as per IEC/EN 61439

Technical data for design verification				
Rated operational current for specified heat dissipation	$I_n$	A	0	
Heat dissipation per pole, current-dependent	$P_{vid}$	W	0	
Equipment heat dissipation, current-dependent	$P_{vid}$	W	0	
Static heat dissipation, non-current-dependent	$P_{vs}$	W	0	
Heat dissipation capacity	$P_{diss}$	W	0	
Operating ambient temperature max.		°C	-25	
Operating ambient temperature max.		°C	40	
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				Please enquire
10.2.5 Lifting				Does not apply, since the entire switchgear needs to be evaluated.
10.2.6 Mechanical impact				Does not apply, since the entire switchgear needs to be evaluated.
10.2.7 Inscriptions				Meets the product standard's requirements.
10.3 Degree of protection of ASSEMBLIES				Does not apply, since the entire switchgear needs to be evaluated.
10.4 Clearances and creepage distances				Meets the product standard's requirements.
10.5 Protection against electric shock				Does not apply, since the entire switchgear needs to be evaluated.
10.6 Incorporation of switching devices and components				Does not apply, since the entire switchgear needs to be evaluated.
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				Is the panel builder's responsibility.
10.9.3 Impulse withstand voltage				Is the panel builder's responsibility.
10.9.4 Testing of enclosures made of insulating material				Is the panel builder's responsibility.
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. The specifications for the switchgear must be observed.
10.12 Electromagnetic compatibility				Is the panel builder's responsibility. The specifications for the switchgear must be observed.
10.13 Mechanical function				The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.

Technical data ETIM 6.0

Low-voltage industrial components (EG000017) / Empty enclosure for switchgear (EC000712)			
Electric engineering, automation, process control engineering / Low-voltage switch technology / Component for low-voltage switching technology / Empty housing for switch devices (ecI@ss8.1-27-37-13-01 [AKN343011])			
Material housing			Plastic
Width		mm	85
Height		mm	129
Depth		mm	80
With transparent cover			No
Suitable for emergency stop			Yes
Model			Built-in
Degree of protection (IP)			IP55

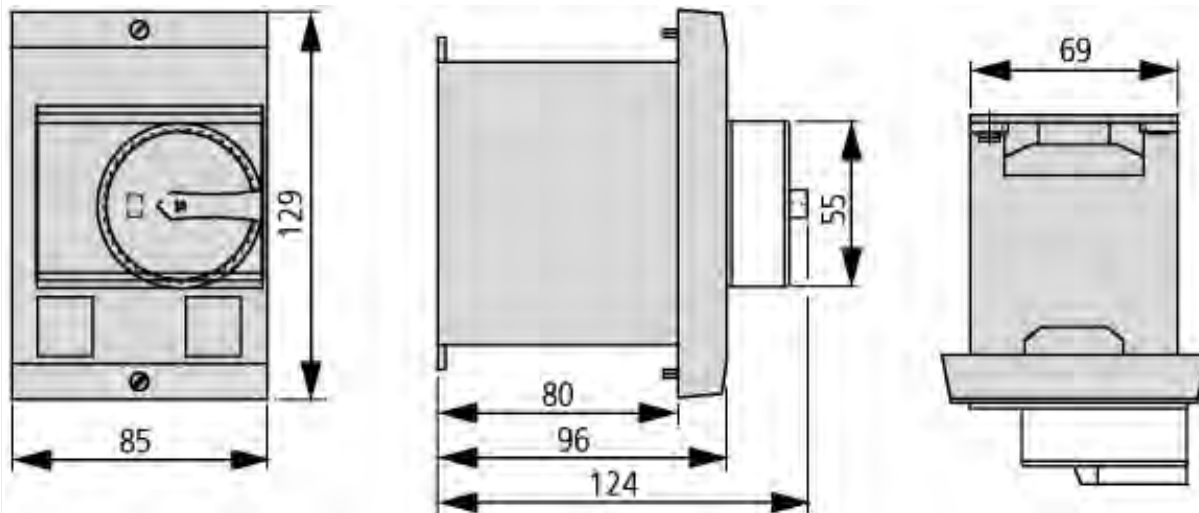
Approvals

Product Standards			UL 508; CSA-C22.2 No. 14; IEC60947-4-1; CE marking
UL File No.			E36332
UL Category Control No.			NLRV
CSA File No.			165628
CSA Class No.			3211-05
North America Certification			UL listed, CSA certified
Specially designed for North America			No
Degree of Protection			IEC: Front IP55, UL/CSA Type: 1, 12, 3R

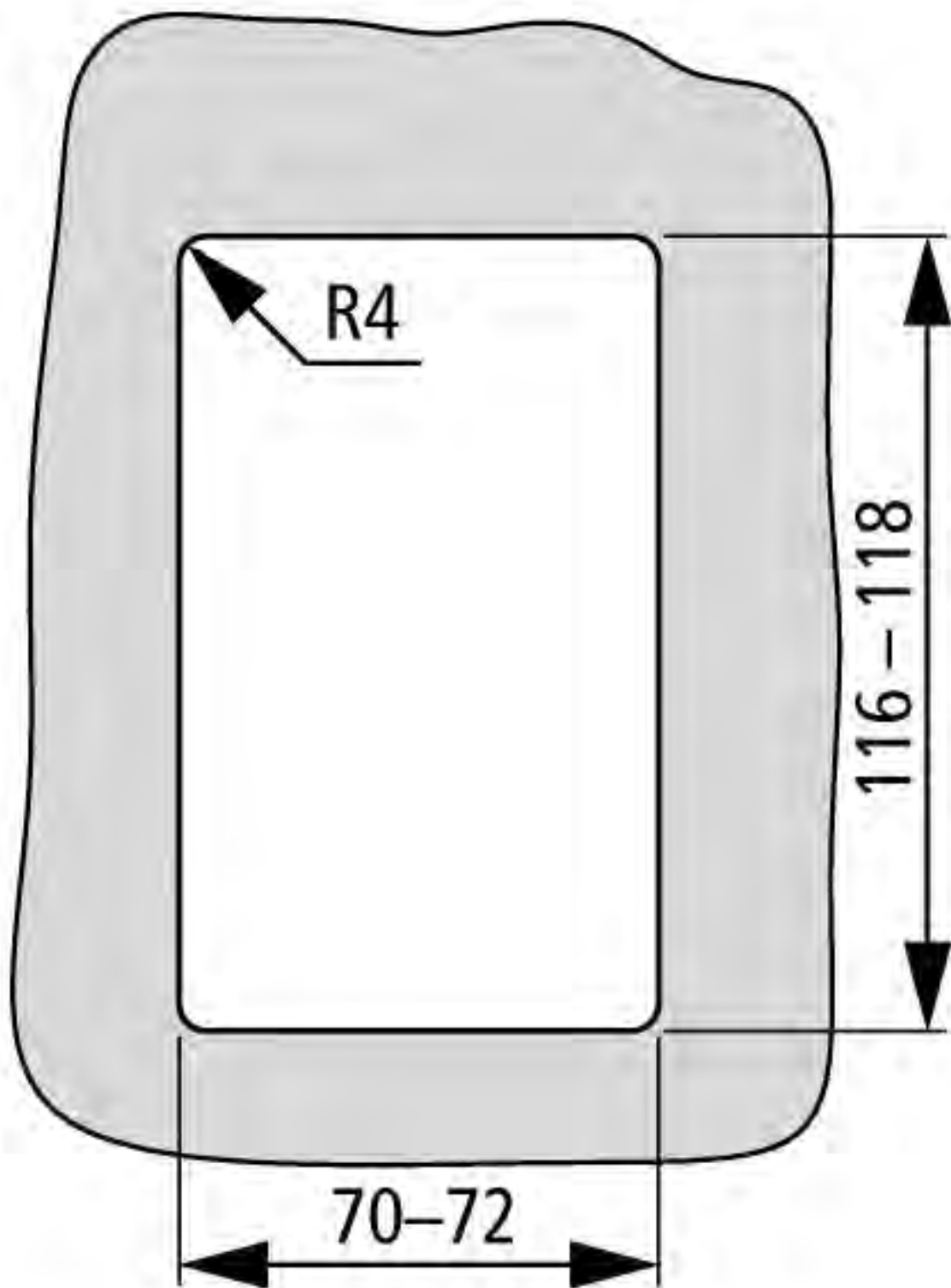
Dimensions

The image contains three technical drawings of the ETIM 6.0 enclosure. The front view on the left shows a rectangular unit with a width of 85 mm and a height of 129 mm. The side view in the middle shows a depth of 28 mm and a mounting flange width of 30 mm. The isometric view on the right shows the unit's depth of 80 mm and overall dimensions of 96 mm (width), 124 mm (depth), and 58 mm (height). A semi-circular cutout on the right side has a radius of 55 mm. The total width including the mounting flange is 98 mm.

Insulated enclosures for flush mounting  
E-PKZ0-G... + SVB-PKZ0-E



E-PKZ0, E-PKZ0-G...



Mounting aperture E-PKZ0...

## Additional product information (links)

### IL03402029Z (AWA1210-1327) Insulated enclosure for flush mounting of Motor-protective circuit-breakers

IL03402029Z (AWA1210-1327) Insulated enclosure for flush mounting of Motor-protective circuit-breakers

[ftp://ftp.moeller.net/DOCUMENTATION/AWA\\_INSTRUCTIONS/IL03402029Z2010\\_10.pdf](ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL03402029Z2010_10.pdf)

Motor starters and "Special Purpose Ratings" for the North American market

[http://www.moeller.net/binary/ver\\_techpapers/ver953en.pdf](http://www.moeller.net/binary/ver_techpapers/ver953en.pdf)

Busbar Component Adapters for modern Industrial control panels

[http://www.moeller.net/binary/ver\\_techpapers/ver960en.pdf](http://www.moeller.net/binary/ver_techpapers/ver960en.pdf)