

Harmony[®] XAPA, XAPM, XAPG metal control stations

For Harmony[®] XB5, control and signaling units Ø 22



Harmony® control stations and enclosures

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Type of applications	All applications			
Enclosures	Plastic		Glass-reinforced polyester	
	Complete stations and separate components for customer assembly		Empty insulated enclosures	
				
Main feature	Pre-drilled control stations		Pre-drilled or undrilled enclosures	Pre-drilled or undrilled enclosures
Associated control and signalling units	Harmony XB5® with plastic bezel		Harmony® XB7, monolithic, plastic	Harmony XB4® with metal bezel Harmony XB5 with plastic bezel
Number of cut-outs for Ø 22 control and signalling units	1, 2, 3, 4 or 5	1, 2 or 3 (complete stations) 1, 2, 3, 4 or 5 (empty enclosures)	1, 2, 3, 4, 6, 8 or 12	1, 2, 4, 8 or 16
Material	Polycarbonate		Zinc or aluminium alloy	Glass-reinforced polyester
Colour	Yellow lid Light grey base	Dark grey lid Light grey base	XAPM: Blue lid Blue base XAPJ: Yellow lid Blue base	Coloured grey throughout
Degree of protection	IP 66 / NEMA Enclosure type 4, 4X and 13		IP 65	IP 65
Function	Emergency Stop or Emergency switching off	Start or Stop Start-Stop with pilot light Motion control	According to equipment fitted: <input type="checkbox"/> Start or Stop <input type="checkbox"/> Start-Stop with pilot light <input type="checkbox"/> Motion control <input type="checkbox"/> Emergency stop	
Cable entries	Knock-outs (CM12)		Tapped entries for cable-glands	Undrilled
Type references	XALK	XALD	XAPM, XAPJ	XAPA

Family

9001B

9001KY/SKY



*NEMA 1 Surface Mounting 9001BG***



*NEMA 1 Flush Mounting 9001BF***



*NEMA 4 9001BW***



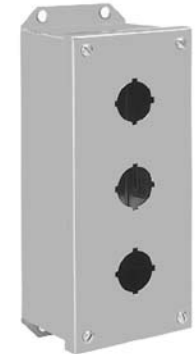
*NEMA 7 and 9 9001BR***



9001KYSS3



9001KY3



9001KYAF3



9001SKY2

Type of Product/Material

9001BG – plastic cover
9001BF – stainless steel
9001BW – die cast zinc
9001BR – cast aluminum

KYAF – sheet steel
KYSS – stainless steel
KY – die cast zinc
SKY – plastic

Number of holes

1 to 3

1 to 6

Type of Operators

Built in

9001K/SK (30mm)

Available without Operators

No

Yes

Available with Operators

Yes

Yes

Approvals

UL File E78403
 CCN NKCR
 CSA File LR 25490
 Class 3211-03

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 CCN NKCR
 CSA File LR 25490
 Class 3211-03

Conforming to Standards

CE Marked
 EN/IEC 60947-1,
 EN/IEC 60947-5-1,
 EN/IEC 60947-5-4,
 JIS C 4520
 UL 508
 CSA C22.2 No.14

CE Marked
 EN/IEC 60947-1,
 EN/IEC 60947-5-1,
 EN/IEC 60947-5-4,
 JIS C 4520
 UL 508
 CSA C22.2 No.14

Cable Entry

9001BG – 1/2" and 3/4" knockouts
9001BF – none
9001BW – 1/2 - 14 NPT
9001BR – 1/2 - 14 NPT

9001KYAF – undrilled
9001KYSS – 3/4 - 14 NPT
9001KY – 3/4 - 14 NPT
9001SKY – 3/4 - 14 NPT

Control stations and enclosures

Polyester, metal and flush mounting enclosures
Undrilled or with cut-outs for Ø 22 control and signalling units

Insulated enclosures XAP A, glass-reinforced polyester

Insulated enclosures XAP A, in glass-reinforced polyester (colour: grey), are highly resistant to acids, bases, sea water, mineral salts, all solvents, petrol, diesel, oils and greases.

Environment

- Protection degree: IP 65 (conforming to standard EN/IEC 60529).
- Products certifications: IEC (all models) and UL, CSA (depending on model).
- Electric shock protection: class II conforming to standard EN/IEC 61140.

Connection

- Pre-drilled enclosures with 1 to 16 cut-outs.
- Or enclosures supplied with undrilled cable entries.

Die-cast metal enclosures XAP M and XAP J

XAP M and XAP J enclosures original material: aluminium or zinc alloy. In order to adapt to specific applications, special treatments can be obtained on request.

Enclosures have the following colours:

- XAP M : blue base and lid,
- XAP J : blue base and yellow lid.

Environment

- Protection degree: IP 65 (conforming to standard EN/IEC 60529).
- Products certifications:
 - CSA ENCLOSURE 4, 5 (version H7),
 - UL ENCLOSURE 1, 3, 4 and 12 (version H2).
- Electric shock protection: class I conforming to standard EN/IEC 61140.

Connection

- Tapped for cable glands, with 1 to 12 cut-outs.
- Or enclosures supplied with undrilled cable entries.

Control stations and enclosures

Polyester enclosures XAP A

Undrilled or with cut-outs for Ø 22 control and signalling units



XAP A1104



XAP A2108



XAP A3116



XAP A1100



XAP A2100



XAP A3100

Insulated enclosures XAP A, glass-reinforced polyester, coloured grey throughout

Description	Dimensions (1) w x h x d mm	Number of cut-outs	Number of rows		Reference	Weight kg
			Vertical	Horizontal		
Without hinges Usable depth 83 mm	85 x 146 x 87	1	1	1	XAP A1110	0.470
		2	1	2	XAP A1120	0.450
		4	2	2	XAP A1104	0.460
	85 x 226 x 87	8	2	4	XAP A2108	0.580
	151 x 241 x 87	16	4	4	XAP A3116	0.820

With hinges Usable depth 87 mm	151 x 241 x 87	16	4	4	XAP A4116	0.850
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Description	For use with	Reference	Weight kg
Earthing plates sheet steel with earth screw	XAP A1110	XAP Z110	0.080
	XAP A1120	XAP Z120	0.070
	XAP A1104	XAP Z104	0.070
	XAP A2108	XAP Z208	0.110
	XAP A3116 and A4116	XAP Z316	0.160

Insulated encl. XAP A, glass-reinforced polyester, coloured grey throughout, undrilled

Description	Dimensions (1) w x h x d mm	Reference	Weight kg
Without hinges Usable depth 87 mm	85 x 146 x 87	XAP A1100	0.470
	85 x 226 x 87	XAP A2100	0.600
	151 x 241 x 87	XAP A3100	0.860
With hinges Usable depth 87 mm	151 x 241 x 87	XAP A4100	0.890

Description	For use with	Reference	Weight kg
Earthing plates with earth screw	XAP A1100	XAP Z100	0.080
	XAP A2100	XAP Z200	0.130
	XAP A3100 and A4100	XAP Z300	0.200

(1) Please consult our site www.schneider-electric.com for more precised information about dimensions of components.

Other versions Enclosures with cut-outs for Ø 30 control and signalling units.
Enclosures pre-fitted with Ø 22 units.
Please consult your Customer Care Centre.

Control stations and enclosures

Metal control stations XAP M and XAP J

Undrilled or with cut-outs for Ø 22 control and signalling units



XAP M2203



XAP M2504



XAP M4508

Die-cast metal enclosures XAP M (blue lid and base)							
Description	Dimensions (1) w x h x d mm	Number of cut-outs	Number of rows		Reference	Weight kg	
			Vertical	Horizontal			
Zinc alloy Usable depth 51.5 mm	80 x 80 X 51,5	1	1	1	XAP M1201	0.455	
		2	2	1	XAP M1202	0.450	
		2	1	2	XAP M2202	0.610	
		3	1	3	XAP M2203	0.605	
	80 x 130 X 51,5	4	2	2	XAP M2204	0.600	
		3	1	3	XAP M3203	0.870	
		4	1	4	XAP M3204	0.880	
		6	2	3	XAP M3206	0.870	
	Zinc alloy Usable depth 77 mm	80 x 80 x 77	1	1	1	XAP M1501	0.605
			2	2	1	XAP M1502	0.600
		80 x 130 x 77	2	1	2	XAP M2502	0.810
			3	1	3	XAP M2503	0.815
4			2	2	XAP M2504	0.810	
80 x 175 x 77		3	1	3	XAP M3503	1.145	
		4	1	4	XAP M3504	1.140	
		6	2	3	XAP M3506	1.130	
80 x 220 x 77		6	1	6	XAP M4506	1.380	
		8	2	4	XAP M4508	1.370	
Aluminium Usable depth 77 mm		85 x 310 x 77	8	1	8	XAP M5508	0.810
			12	2	6	XAP M5512	0.790



XAP J1201

Die-cast metal enclosures XAP J (yellow lid, blue base)						
Zinc alloy Usable depth 51.5 mm	80 x 80 x 51,5	1	1	1	XAP J1201	0.455
Zinc alloy Usable depth 77 mm	80 x 80 x 77	1	1	1	XAP J1501	0.605



XAP M11



XAP M31

Die-cast metal enclosures XAP M and XAP J, undrilled						
Description	Material	Dimensions (1) w x h x d mm	Reference	Weight		
				kg		
Blue lid and base	Zinc alloy Usable depth 51.5 mm	80 x 80 X 51,5	XAP M11	0.460		
		80 x 130 X 51,5	XAP M21	0.620		
		80 x 175 X 51,5	XAP M31	0.900		
	Zinc alloy Usable depth 77 mm	80 x 80 x 77	XAP M14	0.610		
		80 x 130 x 77	XAP M24	0.830		
		80 x 175 x 77	XAP M34	1.160		
		80 x 220 x 77	XAP M44	1.410		
	Aluminium Usable depth 77 mm	85 x 310 x 77	XAP M54	0.850		
	Yellow lid, blue base	Zinc alloy Usable depth 51.5 mm	80 x 80 X 51,5	XAP J11	0.460	
80 x 80 x 77			XAP J14	0.610		
Zinc alloy Usable depth 77 mm		80 x 80 x 77	XAP J34	1.160		

(1) Please consult our site www.schneider-electric.com for more precised information about dimensions of components.

Other versions

Enclosures with cut-outs for Ø 30 control and signalling units.
 Enclosures pre-fitted with Ø 22 units.
 Die-cast metal enclosures XAPM with ISO cable entries (H29 version)
 Die-cast metal enclosures XAPM with UL/CSA certification (H7 version).
 Please consult your customer care centre.



ZB5 SZ3

Accessories					
Description	For use with	Colour	Sold in lots of	Unit reference	Weight kg
Metal circular blanking plug	Ø 22 control and signalling units XB4, metal	Chromium plated	10	ZB4 SZ3	0.023
		Black	10	ZB4 SZ37	0.023
Plastic square blanking plug (with fixing nut)	Ø 22 control and signalling units XB5, plastic	Black	10	ZB5 SZ5	0.009
Plastic circular blanking plug (with fixing nut)	Ø 22 control and signalling units XB5, plastic	Black	10	ZB5 SZ3	0.009

(1) Please consult our site www.schneider-electric.com for more precised information about dimensions of components.

Other versions

Enclosures with cut-outs for Ø 30 control and signalling units.
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Harmony™ control stations and enclosures

XAP 22 mm enclosures Die cast enclosures



XAPG39400

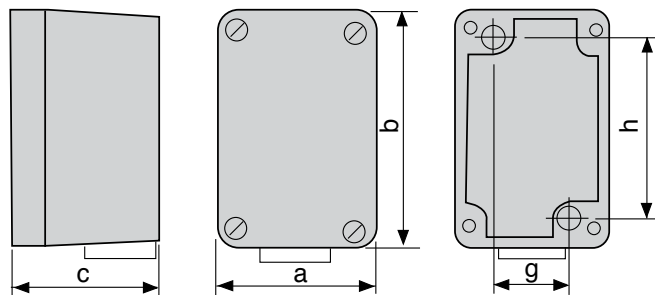


XAPG29703

Undrilled Die Cast Zinc Enclosures (Painted Grey RAL 7032)				
Type	Material	Usable Depth	H x W x D Dimensions	References
NEMA Type 4, 13	Zinc	1.93 in (49 mm)	3.15 x 3.15 x 2.03 in (80 x 80 x 51.5 mm)	XAPG19100
			5.12 x 3.15 x 2.03 in (130 x 80 x 51.5 mm)	XAPG29100
			6.89 x 3.15 x 2.03 in (175 x 80 x 51.5 mm)	XAPG39100
		2.93 (74.5 mm)	3.15 x 3.15 x 3.03 in (80 x 80 x 77 mm)	XAPG19400
			5.12 x 3.15 x 3.03 in (130 x 80 x 77 mm)	XAPG29400
			6.89 x 3.15 x 3.03 in (175 x 80 x 77 mm)	XAPG39400
	Aluminum	2.93 (74.5 mm)	8.66 x 3.15 x 3.03 in (220 x 80 x 77 mm)	XAPG49400
			12.20 x 3.35 x 3.03 in (310 x 85 x 77 mm)	XAPG59400

Drilled Die Cast Zinc Enclosures (Painted Grey RAL 7032)				
Type	Material	Usable Depth	Number of 22 mm knock-outs	References
NEMA Type 4, 13 1.18 in (30 mm) centerline spacing of holes	Zinc	1.93 in (49 mm)	2	XAPG19702
			3	XAPG29703
			4	XAPG39704
		2.93 (74.5 mm)	2	XAPG19802
			3	XAPG29803
			4	XAPG39804
NEMA Type 4, 13 1.58 in (40 mm) centerline spacing of holes	Zinc	1.93 in (49 mm)	1	XAPG19201
			2	XAPG29202
			3	XAPG39203
		2.93 (74.5 mm)	1	XAPG19501
			2	XAPG29502
			3	XAPG39503
Aluminum	2.93 (74.5 mm)	4	XAPG49504	
		5	XAPG59505	

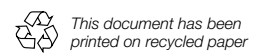
References	a in (mm)	b in (mm)	c in (mm)	g in (mm)	h in (mm)	Conduit opening supplied
XAPG19201	3.15 (80)	3.15 (80)	2.03 (51.5)	1.97 (50)	2.56 (65)	3/4" NPT
XAPG29202	3.15 (80)	5.12 (130)	2.03 (51.5)	1.97 (50)	4.53 (115)	3/4" NPT
XAPG39203	3.15 (80)	6.90 (175)	2.03 (51.5)	1.97 (50)	6.30 (160)	3/4" NPT
XAPG19501	3.15 (80)	3.15 (80)	3.03 (77)	1.97 (50)	2.56 (65)	3/4" NPT
XAPG29502	3.15 (80)	5.12 (130)	3.03 (77)	1.97 (50)	4.53 (115)	3/4" NPT
XAPG39503	3.15 (80)	6.90 (175)	3.03 (77)	1.97 (50)	6.30 (160)	3/4" NPT
XAPG49504	3.15 (80)	8.66 (220)	3.03 (77)	1.97 (50)	8.07 (205)	3/4" NPT
XAPG59505	3.35 (85)	12.20 (310)	3.03 (77)	2.16 (55)	11.60 (295)	3/4" NPT
XAPG19702	3.15 (80)	3.15 (80)	2.03 (51.5)	1.97 (50)	2.56 (65)	3/4" NPT
XAPG29703	3.15 (80)	5.12 (130)	2.03 (51.5)	1.97 (50)	4.53 (115)	3/4" NPT
XAPG39704	3.15 (80)	6.90 (175)	2.03 (51.5)	1.97 (50)	6.30 (160)	3/4" NPT
XAPG19802	3.15 (80)	3.15 (80)	3.03 (77)	1.97 (50)	2.56 (65)	3/4" NPT
XAPG29803	3.15 (80)	5.12 (130)	3.03 (77)	1.97 (50)	4.53 (115)	3/4" NPT
XAPG39804	3.15 (80)	6.90 (175)	3.03 (77)	1.97 (50)	6.30 (160)	3/4" NPT



Schneider Electric Canada, Inc.

5985 McLaughlin Road
Mississauga, ON L5R 1B8
Tel: 1-800-565-6699
www.schneider-electric.com

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