

Hood&Housing

H



サイズ
3A 10A
16A 32A

Rectangular connector-Hoods/Housings Contents

Size	Type	Page
3A	Hoods/Housings(Plastic,Standard,EMC,Corrosion Resistance)	P15-06~P15-16.1
10A	Metal Hoods/Housings	P15-17~P15-18.1
16A	Metal Hoods/Housings	P15-19~P15-20
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6B	Hoods/Housings(Plastic,Metal,Corrosion Resistance)	P15-25~ P15-38.2
10B	Hoods/Housings(Plastic,Metal,suitable for harsh environment,Corrosion Resistance,Pressure Tight)	P15-39~P15-69
16B	Hoods/Housings(Plastic,Metal,suitable for harsh environment,EMC,Corrosion Resistance,Pressure Tight)	P15-70~P15-107.1
24B	Hoods/Housings(Plastic,Metal,suitable for harsh environment,Corrosion Resistance,Pressure Tight)	P15-108~P15-150
32B	Hoods/Housings(Metal,Pressure Tight)	P~P15-159
48B	Hoods/Housings(Metal,Pressure Tight)	P15-160~P15-162
HC	Metal Hoods/Housings	P15-163~P15-168
Thickned seal part	(H series BK housing)	P15-169~P15-170

Levers for option

	Identify	Main material	Description	Designation Example
	L/SC	Stainless steel+TPR	high-strength locking, device with rubber cover, Suitable for harsh environment (anti-corrosion)	H24B-SF-1L/SC-M25
	L/PSE	PC+Stainless steel	removable locking device, suitable for general industrial environment	H24B-SF-1L/PSE-M25

Rectangular connector-Hoods/Housings Contents

the examples of products

	identify	The definition of Corrosion Class, on the basis of ISO12944	The neutral salt spray test ISO7253 /h	The examples of typical environments in temperate climates (for reference only)	models examples
	/480	C3 High	480	The urban and industrial atmospheres, moderate sulfur dioxide pollution, and low salinity coastal areas	W10B-TEH-4B-M32/480
	/720	C4 High	720	The industrial and coastal areas with moderate salinity	W10B-TEH-4B-M32/720
	/1440	C5 High	1440	The industrial areas with high humidity and harsh atmosphere and coastal areas with high salinity	W10B-TEH-4B-M32/1440

*The metal casings such as the housing and the base of the connector can be corrosive to different degrees. The models in the table are only for the purpose of making the product model naming rules clearer for customers. More models are welcome to consult.

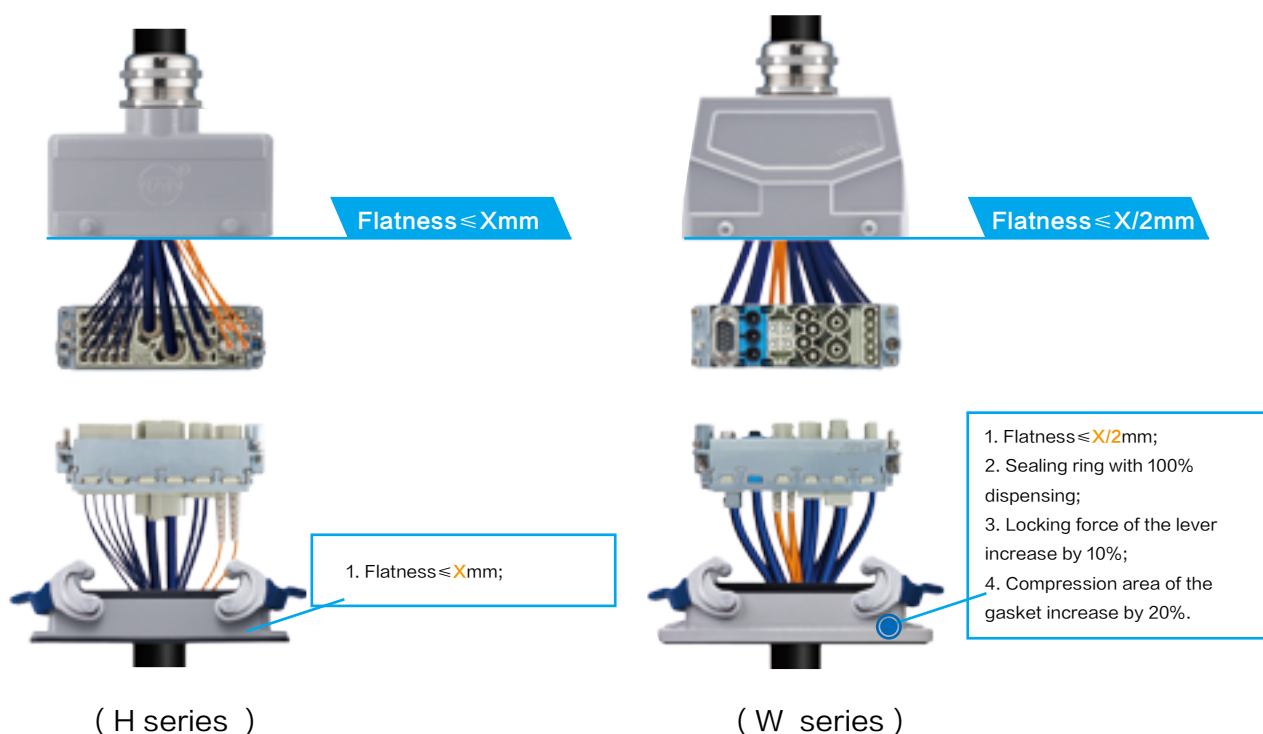
Dear customer:

Thank you very much for your continued trust in our products and your support for our company.

During the course of development, WAIN has always been trying to improve and enrich its products. To meet the customer's need for connectors between IP65 and IP68, we develop brand-new IP67 metal shells. Affected models include 6B、10B、16B、24B、32B、32A (3A、10A、16A and 48B are not included at present) . These new shells can endure harsher environments especially outdoor operating environments, such as tower crane infrastructure、road construction、construction vehicles、outdoor cabinets、mining machinery and so on.

IP67 shells are named W series products, their designations begin with the letter " W ", such as W6B、W10B、W16B、W24B、W32B、W32A. We redesign the appearance、seal flatness and manufacturing technique, while the size remains the same. W series products are compatible with H series products, as well as all standard inserts、modular frames、cable glands and so on.

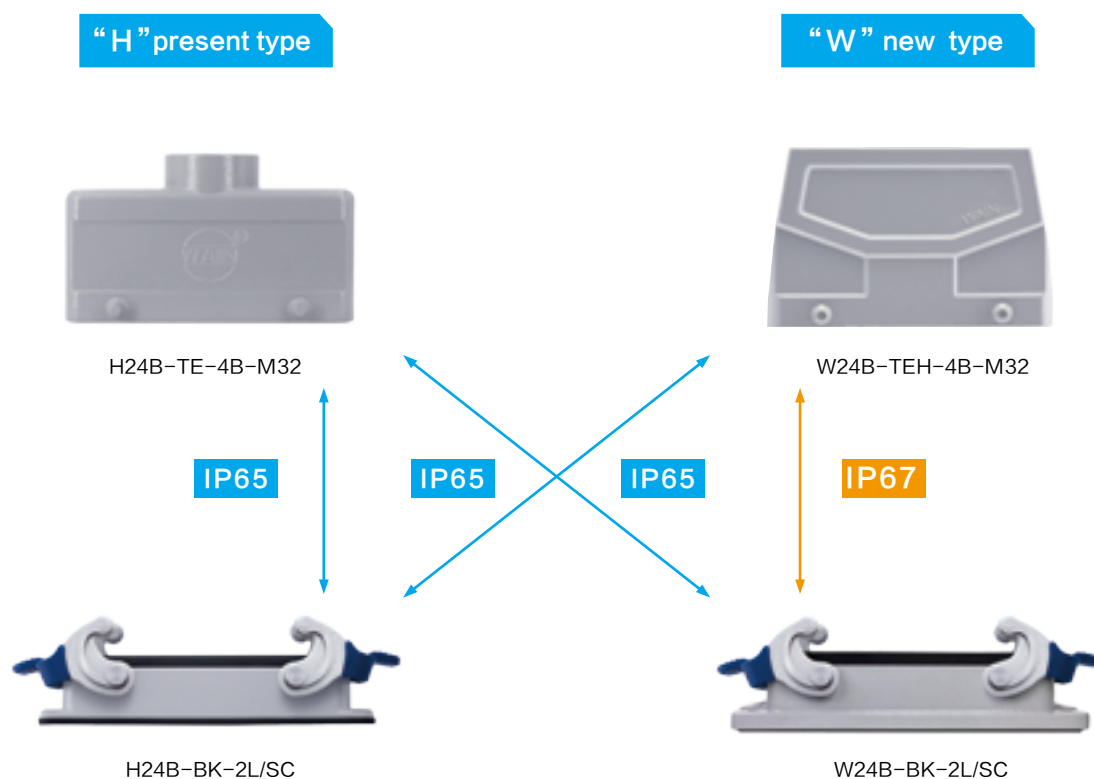
The differences between W series products and H series products (take 24B for example):



While promoting the W series products, the present H series products are also continued to be supplied, in other words we will supply IP65、IP67、IP68、IP69K products at the same time. (For specific technical parameters of W series products, please kindly refer to our catalogue). Through redesigning these shells, we wish to demonstrate WAIN's innovative spirit and the ability of independent development. We appreciate your understanding and support in this matter, and we hope that you will like our redesigned shells. We will offer more products and innovations continuously.

Should you have any questions, please do not hesitate to contact us.

Illustration for IP65 or IP67 under different matches between W series shells and H series metal shells
(take high construction hood+ bulkhead mounted housing for example)



*For the definition and requirements of IP grade, please kindly refer to IEC 60529-2013

Technical characteristics

Size 3A Plastic Hoods & Housings IP65	
Material	polycarbonate
Colour	light grey (RAL 7032)
	black (RAL 9005)
Locking element	
-Lever type	plastic elastic pressing
-Material	polyamide
Hoods/Housings seal	NBR
Limiting temperatures	-40...+125°C
Flammability acc. to UL 94	V0
Degree of protection acc.to DIN EN	
60 529 for coupled connector	IP65

Size 3A Metal Hoods & Housings IP65	
Material	zinc die-cast
Colour	grey
Locking element	
-Lever type	metal elastic pressing
-Material	metal galvanized/ nickel plating
Hoods/Housings seal	NBR
Limiting temperatures	-40...+125°C
Flammability acc. to UL 94	V0
Degree of protection acc.to DIN EN	
60 529 for coupled connector	IP65

3A Pressure tight Hoods & Housings IP68/IP69k	
Surface	Epoxy powder coating
Material	zinc die-cast
Colour	black or grey
Locking element	
-Lever type	screw locking
-Material	stainless steel
Hoods/Housings seal	NBR
Limiting temperatures	-40...+125°C
Flammability acc. to UL 94	V0
Degree of protection acc.to DIN EN	
60 529 for coupled connector	IP68/IP69K

EMC Electromagnetic Compatibility Hoods & Housings IP65	
Material	zinc die-cast(3A)
	aluminium die-cast(Type B)
Surface	electrical conductive
Locking element	
-Lever type	metal elastic pressing/screw locking
-Material	see15-02
Hoods/Housings seal	NBR
Limiting temperatures	-40...+125°C
Flammability acc. to UL 94	V0
Degree of protection acc.to DIN EN	
60 529 for coupled connector	H version IP65 / W version IP67

HC Metal Hoods & Housings IP65	
Surface	Epoxy powder coating/nickeling
Colour	zinc die-cast
Locking element	black/brushed nickel
Locking element	
-Lever type	metal elastic pressing
-Material	stainless steel
Hoods/Housings seal	NBR
Limiting temperatures	-40...+125°C
Flammability acc. to UL 94	V0
Degree of protection acc.to DIN EN	
60 529 for coupled connector	IP65

Plastic Hoods & Housings IP65	
Material	polyamide
Colour	RAL 9005 (black)
Locking element	
-Lever type	plastic elastic pressing
-Material	polyamide
Hoods/Housings seal	NBR
Limiting temperatures	-40...+125°C
Flammability acc. to UL 94	V0
Degree of protection acc.to DIN EN	
60 529 for coupled connector	IP65

Metal Hoods & Housings IP65	
Material	aluminium die-cast
Colour	grey
Locking element	
-Lever type	metal elastic pressing
-Material	see P15-02
Hoods/Housings seal	NBR
Limiting temperatures	-40...+125°C
Flammability acc. to UL 94	V0
Degree of protection acc.to DIN EN	
60 529 for coupled connector	H version IP65 / W version IP67

Hoods/Housings for higher environmental requirements IP65	
Material	zinc die-cast(3A), aluminium die-cast,
Colour	RAL 9005 (black)
Surface- Top coat	epoxy powder paint
Locking element	
-Lever type	metal elastic pressing
-Material	stainless steel
Hoods/Housings seal	FPM
Limiting temperatures	-40...+125°C
Flammability acc. to UL 94	V0
Degree of protection acc.to DIN EN	
60 529 for coupled connector	H version IP65 / W version IP67

Pressure tight Hoods & Housings IP68/IP69k	
Material	aluminium die-cast, corrosion resistant
Colour	black or grey
Locking element	
-Lever type	screw locking
-Material	stainless steel
Hoods/Housings seal	NBR
Limiting temperatures	-40...+125°C
Flammability acc. to UL 94	V0
Degree of protection acc.to DIN EN	
60 529 for coupled connector	IP68/IP69K

HC Plastic Hoods & Housings IP65	
Material	polycarbonate
Colour	RAL 9005 (black)
Locking element	
-Lever type	plastic elastic pressing
-Material	polyamide
Hoods/Housings seal	NBR
Limiting temperatures	-40...+125°C
Flammability acc. to UL 94	V0
Degree of protection acc.to DIN EN	
60 529 for coupled connector	IP65

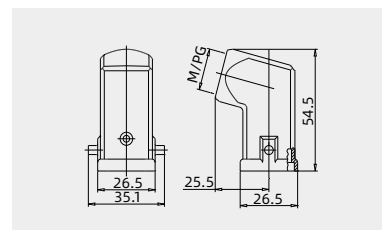
3A Plastic hoods/housings

Degree of protection: IP65 Remark: SPQ is 1pc

Hoods, side entry



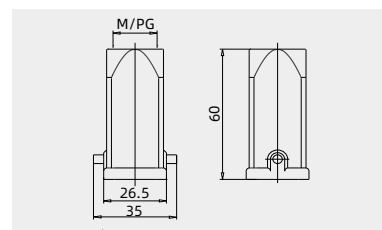
Thread	Designation	Order No.
M20	H3A.P-SE-2B-M20	118 003 510 1002
PG11	H3A.P-SE-2B-PG11	118 003 510 1008



Hoods, top entry



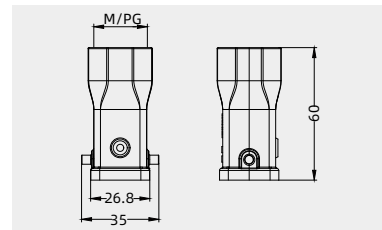
Thread	Designation	Order No.
M20	H3A.P-TE-2B-M20	118 003 410 1002
PG11	H3A.P-TE-2B-PG11	118 003 410 1008



Hoods, top entry



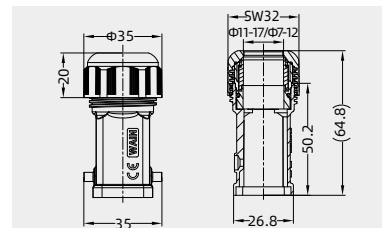
Thread	Designation	Order No.
M25	H3A.P-TE-2B-M25	118 003 410 1512
PG16	H3A.P-TE-2B-PG16	118 003 410 1513



Hoods, top entry



Thread	Designation	Order No.
OTr30	H3A.P-TE-2B-OTr30(D7-12)	118 003 410 1516
OTr30	H3A.P-TE-2B-OTr30(D11-17)	118 003 410 1517



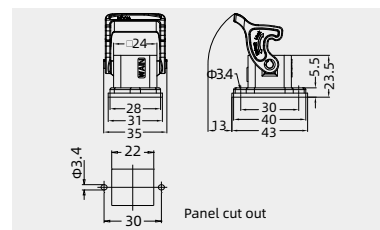
3A Plastic hoods/housings

Degree of protection: IP65 Remark: SPQ is 1pc

Bulkhead mounted housings



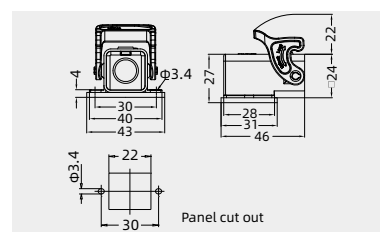
Thread	Designation	Order No.
---	H3A.P-BK-1L	118 003 327 1001



Bulkhead mounted housings



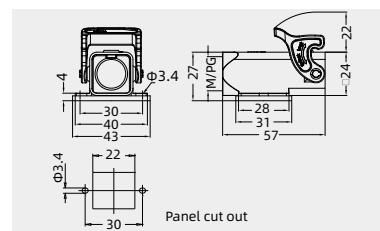
Thread	Designation	Order No.
---	H3A.P-BK-1L-SE	118 003 927 1001



Surface mounted housings



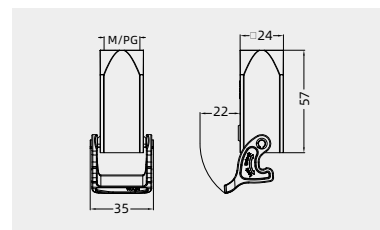
Thread	Designation	Order No.
M20	H3A.P-SF-1L-M20	118 003 227 1002
PG11	H3A.P-SF-1L-PG11	118 003 227 1008



Housings, cable to cable



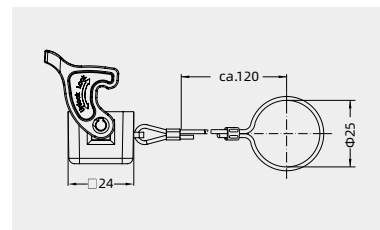
Thread	Designation	Order No.
M20	H3A.P-CCT-1L-M20	118 003 727 1002
PG11	H3A.P-CCT-1L-PG11	118 003 727 1008



Protection covers



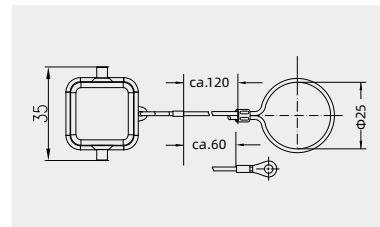
Connect way	Designation	Order No.
	H3A-CV-1L/1M (for male insert)	110 003 027 8001
	H3A-CV-1L/1F (for female insert)	110 003 027 8002



Protection covers, cable to cable



Connect way	Designation	Order No.
	H3A-CV-2B/1M (for male insert)	110 003 010 8001
	H3A-CV-2B/2M (for male insert)	110 003 010 8004
	H3A-CV-2B/1F (for female insert)	110 003 010 8002
	H3A-CV-2B/2F (for female insert)	110 003 010 8005



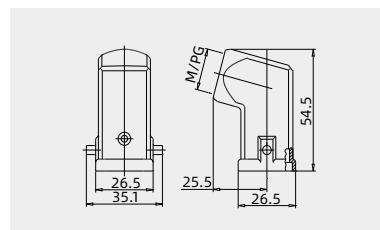
3A Plastic hoods/housings

Degree of protection: IP65 Remark: SPQ is 1pc

Hoods, side entry



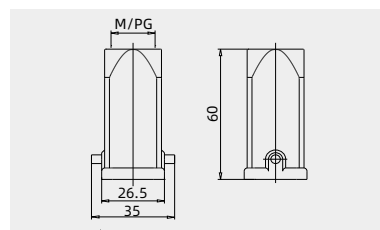
Thread	Designation	Order No.
M20	H3A.P-SE-2B-M20 2B	118 003 510 1506
PG11	H3A.P-SE-2B-PG11 2B	118 003 510 1507



Hoods, top entry



Thread	Designation	Order No.
M20	H3A.P-TE-2B-M20 2B	118 003 410 1511
PG11	H3A.P-TE-2B-PG11 2B	118 003 410 1514



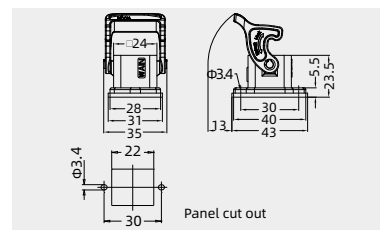
3A Plastic hoods/housings

Degree of protection: IP65 Remark: SPQ is 1pc

Bulkhead mounted housings



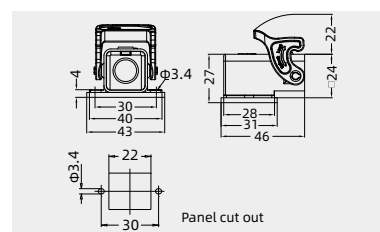
Thread	Designation	Order No.
---	H3A.P-BK-1L 2B	118 003 320 1002



Bulkhead mounted housings



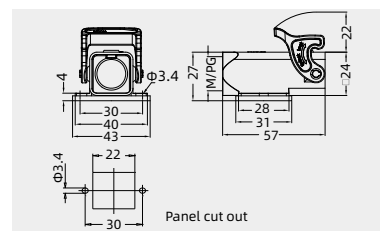
Thread	Designation	Order No.
---	H3A.P-BK-1L-SE 2B	118 003 320 1003



Surface mounted housings



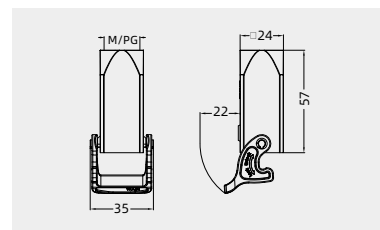
Thread	Designation	Order No.
M20	H3A.P-SF-1L-M20 2B	118 003 220 1002
PG11	H3A.P-SF-1L-PG11 2B	118 003 220 1003



Housings, cable to cable



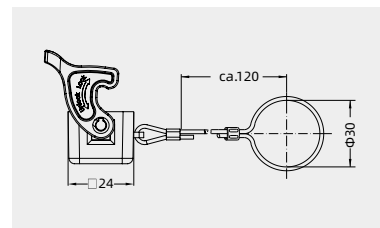
Thread	Designation	Order No.
M20	H3A.P-CCT-1L-M20 2B	118 003 720 1001
PG11	H3A.P-CCT-1L-PG11 2B	118 003 720 1003



Protection covers



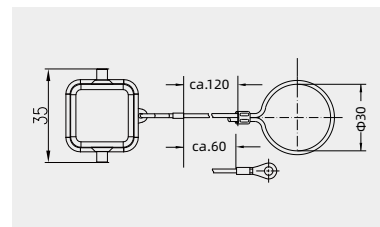
Connect way	Designation	Order No.
	H3A-CV-1L/1M 2B(for male insert)	110 003 020 8002
	H3A-CV-1L/1F 2B(for female insert)	110 003 020 8003



Protection covers, cable to cable



Connect way	Designation	Order No.
	H3A-CV-2B/1M 2B(for male insert)	110 003 010 8511
	H3A-CV-2B/2M 2B(for male insert)	110 003 010 8512
	H3A-CV-2B/1F 2B (for female insert)	110 003 010 8513
	H3A-CV-2B/2F 2B (for female insert)	110 003 010 8514



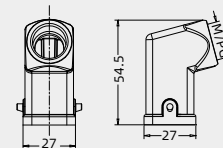
3A Metal hoods/housings

Degree of protection: IP65 Remark: SPQ is 1pc

Hoods, side entry



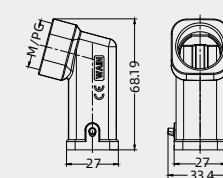
Thread	Designation	Order No.
M20	H3A-SE-2B-M20	110 003 510 1002
PG11	H3A-SE-2B-PG11	110 003 510 1008



Hoods, side entry



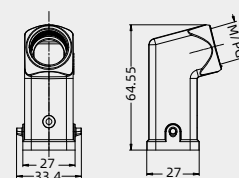
Thread	Designation	Order No.
M25	H3A-SEH-2B-M25	110 003 510 5001
PG16	H3A-SEH-2B-PG16	110 003 510 5002



Hoods, side entry ,high construction



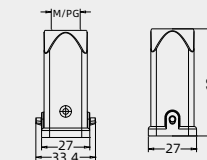
Thread	Designation	Order No.
M20	H3A-SEHC-2B-M20	112 003 510 1001
PG11	H3A-SEHC-2B-PG11	110 003 510 1519



Hoods, top entry



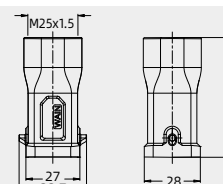
Thread	Designation	Order No.
M20	H3A-TE-2B-M20	110 003 410 1002
PG11	H3A-TE-2B-PG11	110 003 410 1008
PG13.5	H3A-TE-2B-PG13.5	110 003 410 1009



Hoods, top entry



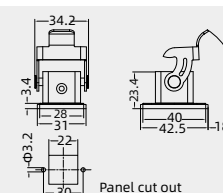
Thread	Designation	Order No.
M25	H3A-TE-2B-M25	110 003 410 1004



Bulkhead mounted housings



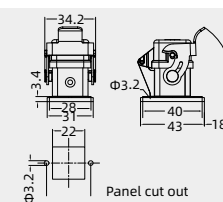
Thread	Designation	Order No.
---	H3A-BK-1L/W	110 003 324 1001



Bulkhead mounted housings



Thread	Designation	Order No.
---	H3A-BK-1L/W-MCV/M(for male insert)	110 003 364 1101
---	H3A-BK-1L/W-MCV/F(for female insert)	110 003 364 1102



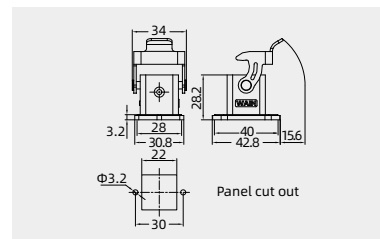
3A Metal hoods/housings

Degree of protection: IP65 Remark: SPQ is 1pc

Bulkhead mounted housings



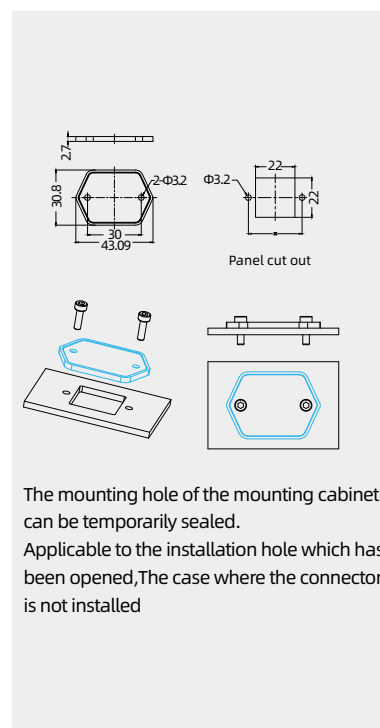
Thread	Designation	Order No.
---	H3A-BKH-1L/W	110 003 324 1516



BK hole cover plate



Thread	Designation	Order No.
---	3A-BK/MCV	110 003 300 8001



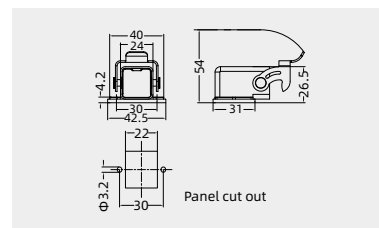
3A Metal hoods/housings

Degree of protection: IP65 Remark: SPQ is 1pc

Bulkhead mounted housings



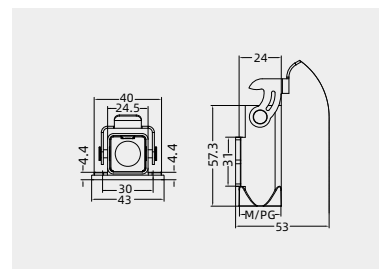
Thread	Designation	Order No.
---	H3A-BK-1L/W-SE	110 003 924 1001



Housings



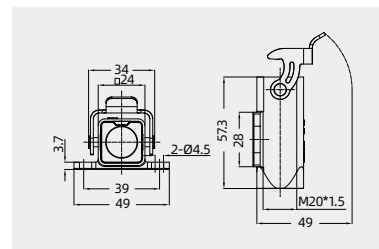
Thread	Designation	Order No.
	Bulkhead mounted	
PG11	H3A-SF/BK-1L/W-PG11	110 003 224 1108
	Surface mounted	
M20	H3A-SF-1L/W-M20	110 003 224 1002
PG11	H3A-SF-1L/W-PG11	110 003 224 1008
PG13.5	H3A-SF-1L/W-PG13.5	110 003 224 1009



Housings



Thread	Designation	Order No.
M20	H3A-SF-1L/W-M20-D39	101 000 099 0177

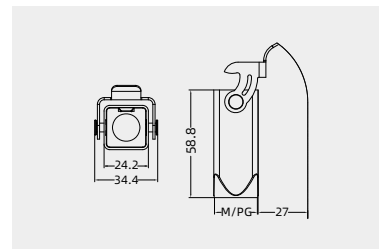


Different installation holes

Housings, cable to cable



Thread	Designation	Order No.
M20	H3A-CCT-1L/W-M20	110 003 724 1002
PG11	H3A-CCT-1L/W-PG11	110 003 724 1008



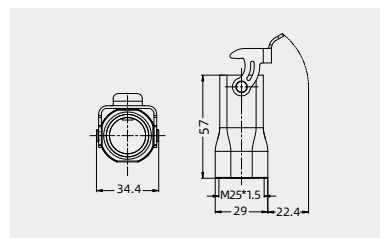
3A Metal hoods/housings

Degree of protection: IP65 Remark: SPQ is 1pc

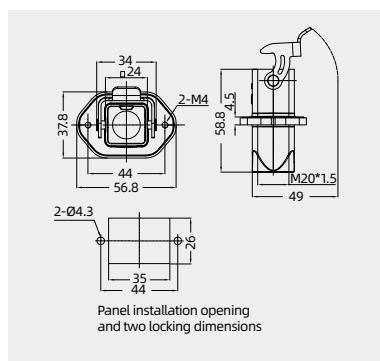
Housings, cable to cable



Thread	Designation	Order No.
M25	H3A-CCT-1L/W-M25	110 003 724 1003

Housings, cable to cable
Under-shell through-board
installation

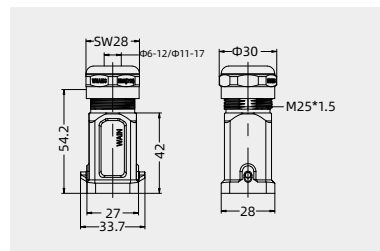
Thread	Designation	Order No.
M20	H3A-CCT/BK-IL/W-M20	110 003 724 1514



Hoods, top entry,with cable gland



Thread	Designation	Order No.
M25	H3A-TE-2B-OM25(D6-12)	110 003 410 1003
M25	H3A-TE-2B-OM25(D11-17)	110 003 410 1103



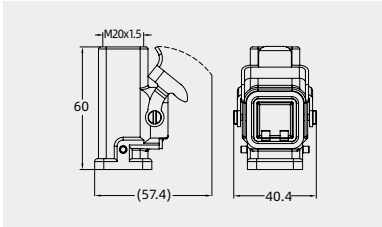
3A Metal hoods/housings

Degree of protection: IP65 Remark: SPQ is 1pc

Hoods, top entry



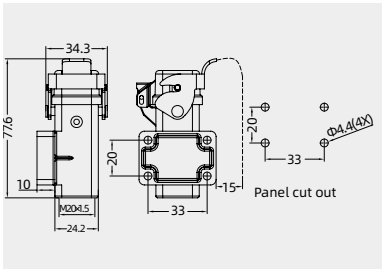
Thread	Designation	Order No.
---	H3A-TE-2B-1L/S-M20	110 003 265 8002



Surface mounted housings



Thread	Designation	Order No.
M20	H3A-SF-1L/S-M20-MCV/F (for female insert)	110 003 265 1502

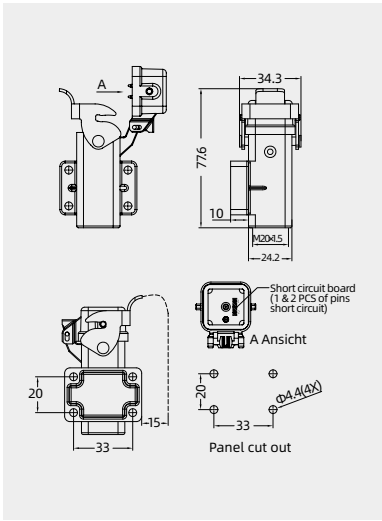


Surface mounted housings with PCB



Thread	Designation	Order No.
M20	H3A-SF-1L/S-M20-MCV/PC(1、2) (for female insert) ¹⁾	110 003 265 8001

¹⁾Only suitable for HA-004 series.



W3A Quick-Connect Metal hoods/housings

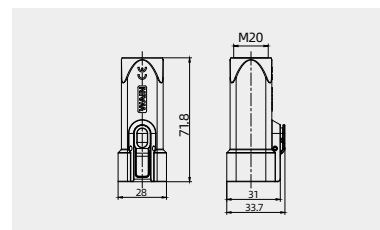
Degree of protection: IP67 Remark: SPQ is 1pc



Hoods, top entry



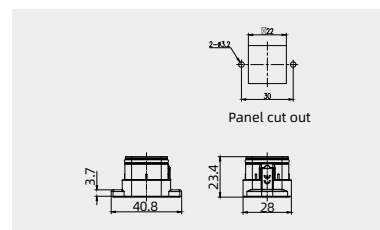
Thread	Designation	Order No.
M20	W3A-TE-Q-M20	110 103 490 1501



Bulkhead mounted housings



Thread	Designation	Order No.
---	W3A-BK-Q	110 103 390 1501



Quick-Connect 3A Housing:

1. Compact assembly space required (small dimensions, with no additional space occupied by the latch during unlocking);
2. Radial side sealing method for effective protection;
3. Enables rapid plugging/unplugging (simultaneous insertion/removal while pressing the unlock button).

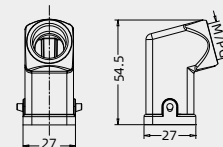
3A Metal hoods/housings (EMC)

Degree of protection: IP65 Remark: SPQ is 1pc

Hoods, side entry



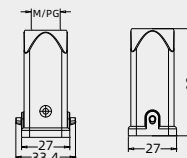
Thread	Designation	Order No.
M20	EMC.H3A-SE-2B-M20	110 603 510 1002
PG11	EMC.H3A-SE-2B-PG11	110 603 510 1008



Hoods, top entry



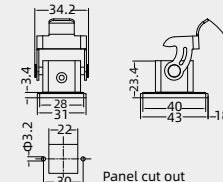
Thread	Designation	Order No.
M20	EMC.H3A-TE-2B-M20	110 603 410 1002
PG11	EMC.H3A-TE-2B-PG11	110 603 410 1008



Bulkhead mounted housings



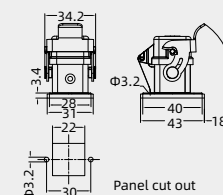
Thread	Designation	Order No.
---	EMCD.H3A-BK-1L/W	110 603 324 1101



Bulkhead mounted housings



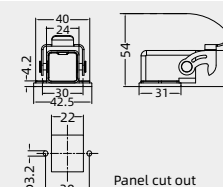
Thread	Designation	Order No.
---	EMCD.H3A-BK-1L/W-MCV/M(for male insert)	110 603 364 1101
---	EMCD.H3A-BK-1L/W-MCV/F(for female insert)	110 603 364 1102



Bulkhead mounted housings



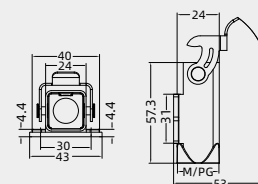
Thread	Designation	Order No.
---	EMCD.H3A-BK-1L/W-SE	110 603 924 1101



Surface mounted housings



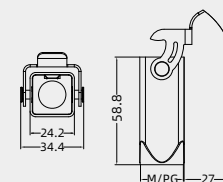
Thread	Designation	Order No.
M20	EMC.H3A-SF-1L/W-M20	110 603 224 1002
PG11	EMC.H3A-SF-1L/W-PG11	110 603 224 1008



Housings, cable to cable



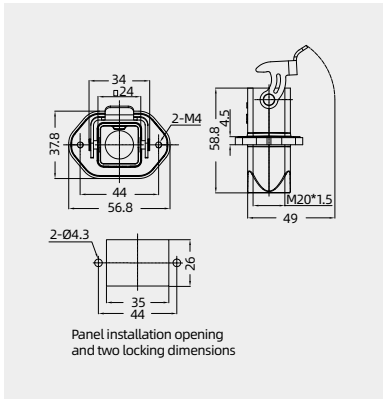
Thread	Designation	Order No.
M20	EMC.H3A-CCT-1L/W-M20	110 603 724 1002
PG11	EMC.H3A-CCT-1L/W-PG11	110 603 724 1008



Degree of protection: IP65 Remark: SPQ is 1pc

Housings, cable to cable,
plate installation

Thread	Designation	Order No.
M20	EMC.H3A-CCT/BK-1L/W-M20	110 603 724 1500



3A Metal hoods/housings (EMC)

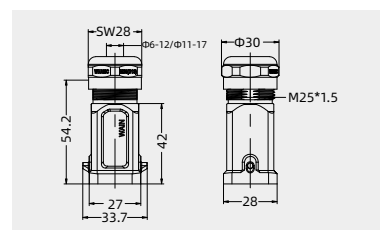
Degree of protection: IP65 Remark: SPQ is 1pc

EMC

Hoods, top entry, with cable gland



Thread	Designation	Order No.
M25	EMC.H3A-TE-2B-OM25(D6-12)	110 603 410 1003
M25	EMC.H3A-TE-2B-OM25(D11-17)	110 603 410 1203

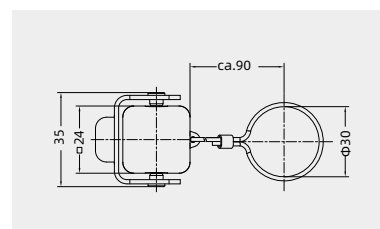


Degree of protection: IP65

Protection covers



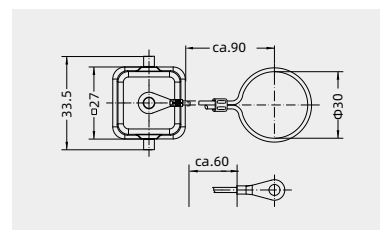
Connect way	Designation	Order No.
	H3A-MCV-1L/1M (for male insert)	110 003 024 8101
	H3A-MCV-1L/1F (for female insert)	110 003 024 8102



Protection covers



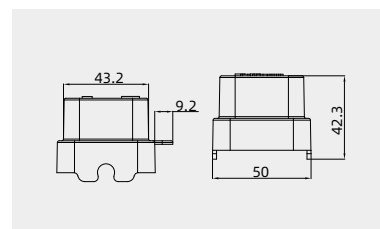
Connect way	Designation	Order No.
	H3A-MCV-2B/1M (for male insert)	110 003 010 8101
	H3A-MCV-2B/2M (for male insert)	110 003 010 8104
	H3A-MCV-2B/1F (for female insert)	110 003 010 8102
	H3A-MCV-2B/2F (for female insert)	110 003 010 8105



Degree of protection: IP20 Remark: SPQ is 10pcs

Protection covers
(for Housings), plastic

Connect way	Designation	Order No.
	H3A-CV/1C	113 003 900 8501



3A Metal hoods/housings

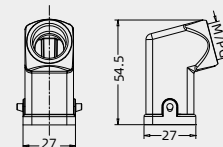
-Suitable for harsh environment(anti-corrosion)

Degree of protection: IP65 Remark: SPQ is 1pc

Hoods, side entry



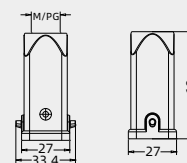
Thread	Designation	Order No.
M20	H3A-MSE-2B-M20	112 003 510 1002
PG11	H3A-MSE-2B-PG11	112 003 510 1008



Hoods, top entry



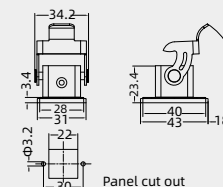
Thread	Designation	Order No.
M20	H3A-MTE-2B-M20	112 003 410 1002
PG11	H3A-MTE-2B-PG11	112 003 410 1008



Bulkhead mounted housings



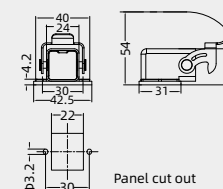
Thread	Designation	Order No.
---	H3A-MBK-1L/S	112 003 325 1001



Bulkhead mounted housings



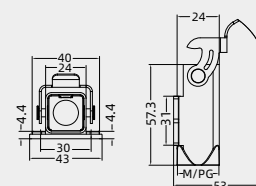
Thread	Designation	Order No.
---	H3A-MBK-1L/S-SE	112 003 925 1001



Surface mounted housings



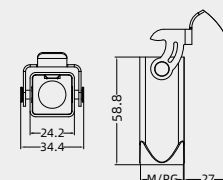
Thread	Designation	Order No.
M20	H3A-MSF-1L/S-M20	112 003 225 1002
PG11	H3A-MSF-1L/S-PG11	112 003 225 1008



Housings, cable to cable



Thread	Designation	Order No.
M20	H3A-MCCT-1L/S-M20	112 003 725 1002
PG11	H3A-MCCT-1L/S-PG11	112 003 725 1008



3A Metal hoods/housings

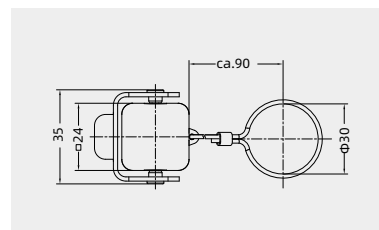
-Suitable for harsh environment(anti-corrosion)

Degree of protection: IP65 Remark: SPQ is 1pc

Protection covers



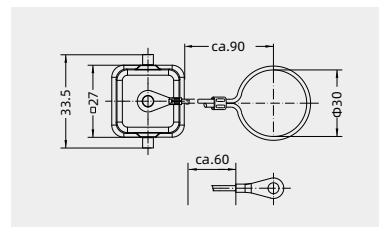
Connect way	Designation	Order No.
	H3A-MMCV-1L/1M (for male insert)	112 003 025 8001
	H3A-MMCV-1L/1F (for female insert)	112 003 025 8002



Protection covers



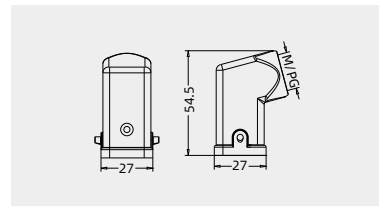
Connect way	Designation	Order No.
	H3A-MMCV-2B/1M (for male insert)	112 003 010 8001
	H3A-MMCV-2B/1F (for female insert)	112 003 010 8002
	H3A-MMCV-2B/2M (for male insert)	112 003 010 8003
	H3A-MMCV-2B/2F (for female insert)	112 003 010 8004



Hoods, side entry



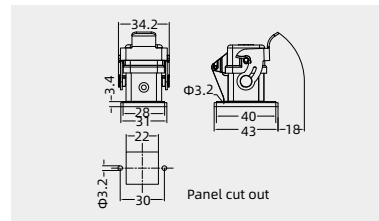
Thread	Designation	Order No.
M20	H3A-MSE2/S-2B/S-M20	112 003 515 1002



Bulkhead mounted housings



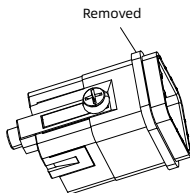
Thread	Designation	Order No.
---	H3A-MBK-1L/S-MMCV/S/S	112 003 365 1103



3A Pressure tight hoods/housings

Epoxy powder coating

Degree of protection: IP68/IP69K



Note: Before installation, if there is a square seal ring on the used insert, the seal ring shall be removed before installation. For more details, please contact us.

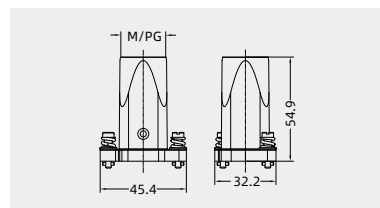
H version

Hoods, top entry



Remark: SPQ is 1pc

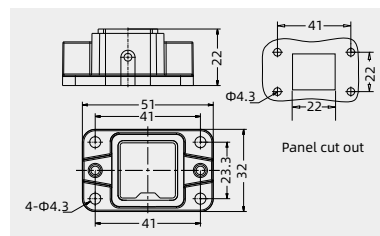
Thread	Designation	Order No.
	Epoxy powder coating · Screw locking	
M20	HP3A/H-TE-2S-M20	113 003 420 1002
PG13.5	HP3A/H-TE-2S-PG13.5	113 003 420 1009
	Epoxy powder coating · Toggle locking	
M20	HP3A/H-TE-2T-M20	113 003 440 1002
PG13.5	HP3A/H-TE-2T-PG13.5	113 003 440 1009



Bulkhead mounted housings*



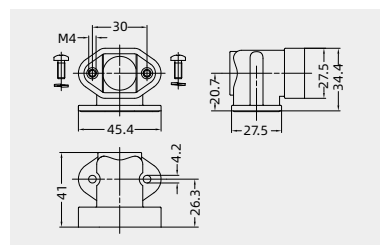
Thread	Designation	Order No.
	Epoxy powder coating · Screw locking	
---	HP3A/H-BK-2H	113 003 320 1001
	Epoxy powder coating · Toggle locking	
---	HP3A/H-BK-2T	113 003 340 1001



Adaptor for Housings



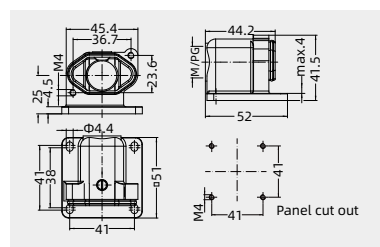
Thread	Designation	Order No.
	Epoxy powder coating	
---	HP3A/H-BK-SE	113 003 900 1001



Surface mounted housings



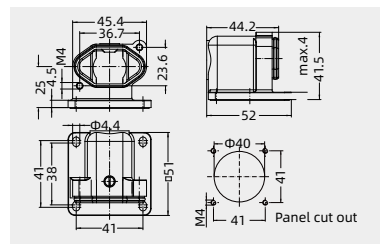
Thread	Designation	Order No.
	Epoxy powder coating · Screw locking	
M20	HP3A/H-SF-2H-M20	113 003 220 1002
PG13.5	HP3A/H-SF-2H-PG13.5	113 003 220 1009



Bulkhead mounted housings



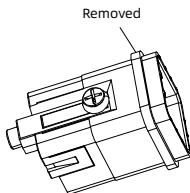
Thread	Designation	Order No.
	Epoxy powder coating · Screw locking	
---	HP3A/H-SF-2H	113 003 220 1001



HP3A/H Pressure tight hoods/housings

Epoxy powder coating

Degree of protection: IP68/IP69K



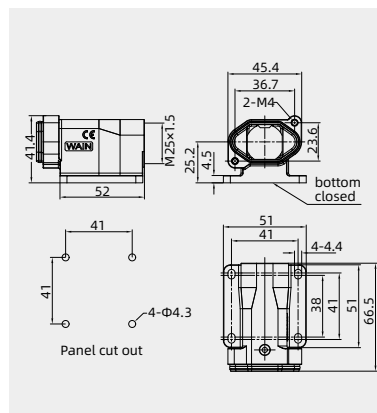
Note: Before installation, if there is a square seal ring on the used insert, the seal ring shall be removed before installation. For more details, please contact us.

H version

Surface mounted housings

Remark: SPQ is 1pc

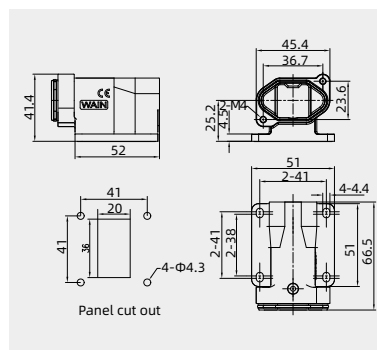
Thread	Designation	Order No.
	Epoxy powder coating · Screw locking	
M25	HP3A/H-SFL-2H-M25	113 003 220 1508



H

Bulkhead mounted housings*

Thread	Designation	Order No.
	Epoxy powder coating · Screw locking	
---	HP3A/H-SFL/BK-2H	113 003 220 1507



3A Pressure tight hoods/housings

Epoxy powder coating

Degree of protection: IP68/IP69K

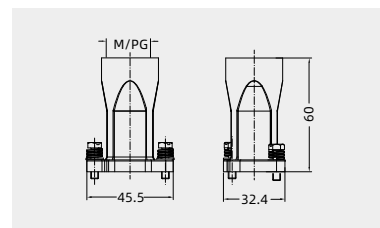
H version

Hoods, top entry, high construction

Remark: SPQ is 1pc



Thread	Designation	Order No.
	Epoxy powder coating · Screw locking	
M25	HP3A/H-TEH-2S-M25	113 003 420 5003
	Epoxy powder coating · Toggle locking	
M25	HP3A/H-TEH-2T-M25	113 003 440 5003

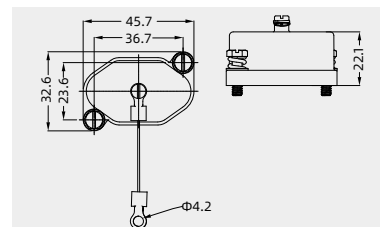


Protection covers, for housings

Remark: SPQ is 1pc



Connect way	Designation	Order No.
	Epoxy powder coating · Screw locking	
---	HP3A/H-MCV-2S	113 003 020 8103
	HP3A/H-MCV-2S/2S	113 003 020 8102
	Epoxy powder coating · Toggle locking	
---	HP3A/H-MCV-2T	113 003 040 8103
	HP3A/H-MCV-2T/2S	113 003 040 8102

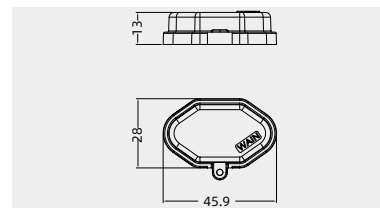


Protection covers, for housings(IP5X)

Remark: SPQ is 10pcs



Connect way	Designation	Order No.
---	HP3A/H-CV/C	113 003 900 8001



Degree of protection: IP68/IP69K

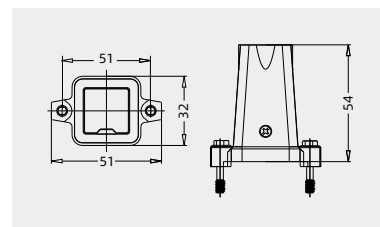
W version

Hoods, top entry

Remark: SPQ is 1pc

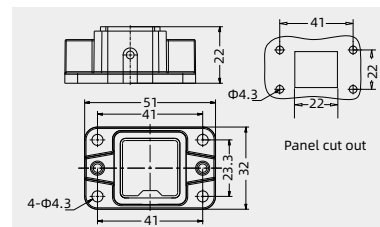


Thread	Designation	Order No.
M20	HP3A-TE-2S-M20	115 003 420 1002
PG11	HP3A-TE-2S-PG11	115 003 420 1008



Bulkhead mounted housings

Thread	Designation	Order No.
---	HP3A-BK-2H	115 003 320 1001



3A Pressure tight hoods/housings

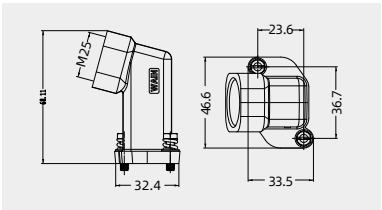
Epoxy powder coating
Degree of protection: IP68/IP69K Remark: SPQ is 1pc

H version

Hoods, side entry, high construction



Thread	Designation	Order No.
Epoxy powder coating · Screw locking		
M20	HP3A/H-SEH-2S-M20	113 003 520 5002
M25	HP3A/H-SEH-2S-M25	113 003 520 5001
Epoxy powder coating · Toggle locking		
M20	HP3A/H-SEH-2T-M20	113 003 540 5002
M25	HP3A/H-SEH-2T-M25	113 003 540 5001



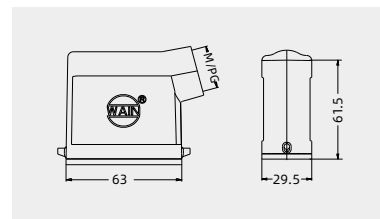
10A Metal hoods/housings

Degree of protection: IP65 Remark: SPQ is 1pc

Hoods, side entry



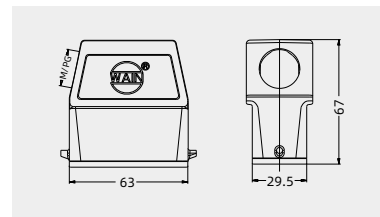
Thread	Designation	Order No.
M20	H10A-SE-2B-M20	110 010 510 1002
PG16	H10A-SE-2B-PG16	110 010 510 1010



Hoods, side entry, high construction



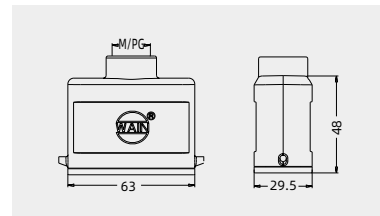
Thread	Designation	Order No.
M25	H10A-SEH-2B-M25	110 010 510 5003
PG16	H10A-SEH-2B-PG16	110 010 510 5010
PG21	H10A-SEH-2B-PG21	110 010 510 5011



Hoods, top entry



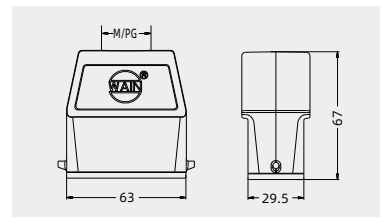
Thread	Designation	Order No.
M20	H10A-TE-2B-M20	110 010 410 1002
PG13.5	H10A-TE-2B-PG13.5	110 010 410 1009



Hoods, top entry, high construction



Thread	Designation	Order No.
M25	H10A-TEH-2B-M25	110 010 410 5003
PG16	H10A-TEH-2B-PG16	110 010 410 5010
PG21	H10A-TEH-2B-PG21	110 010 410 5011

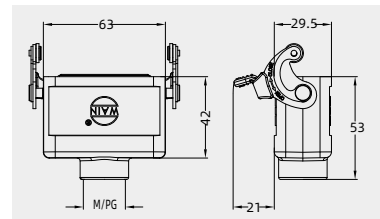


Housings, cable to cable



Thread	Designation	Order No.
M20	H10A-CCT-1L/SC-M20	110 010 721 1002
PG13.5	H10A-CCT-1L/SC-PG13.5	110 010 721 1009
PG16	H10A-CCT-1L/SC-PG16	110 010 721 1010

Please refer to page 15-02 for choosing proper model of lock.

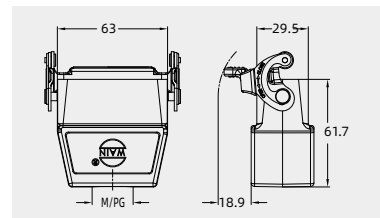


Housings, cable to cable ,high construction



Thread	Designation	Order No.
M25	H10A-CCTH-1L/SC-M25	110 010 721 5003
PG16	H10A-CCTH-1L/SC-PG16	110 010 721 5010
PG21	H10A-CCTH-1L/SC-PG21	110 010 721 5011

Please refer to page 15-02 for choosing proper model of lock.



10A Metal hoods/housings

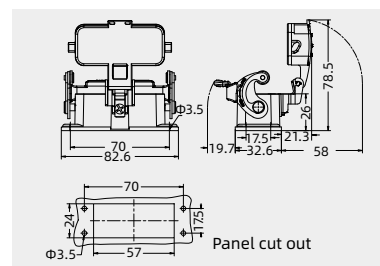
Degree of protection: IP65 Remark: SPQ is 1pc

Bulkhead mounted housings



Thread	Designation	Order No.
---	H10A-BK-1L/SC	110 010 321 1001
---	with plastic cover	
---	H10A-BK-1L/SC-CV	110 010 361 1001
---	with metal cover	
---	H10A-BK-1L/SC-MCV	110 010 361 1101

Please refer to page 15-02 for choosing proper model of lock.



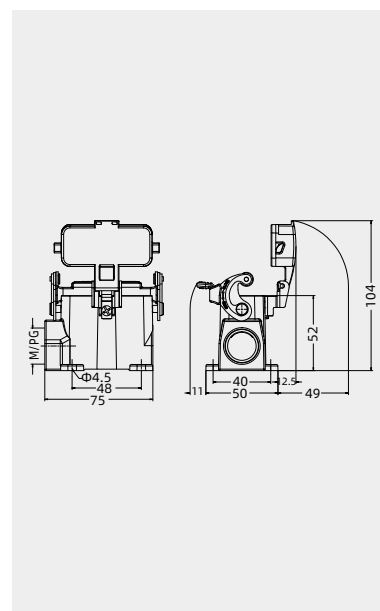
Surface mounted housings



Thread	Designation	Order No.
M20	H10A-SF-1L/SC-M20	110 010 221 1002
2M20	H10A-SF-1L/SC-2M20	110 010 221 1022
M25	H10A-SF-1L/SC-M25	110 010 221 1003
PG16	H10A-SF-1L/SC-PG16	110 010 221 1010
2PG16	H10A-SF-1L/SC-2PG16	110 010 221 1030
PG21	H10A-SF-1L/SC-PG21	110 010 221 1011

	with plastic cover	
M20	H10A-SF-1L/SC-CV-M20	110 010 261 1002
2M20	H10A-SF-1L/SC-CV-2M20	110 010 261 1022
M25	H10A-SF-1L/SC-CV-M25	110 010 261 1003
PG16	H10A-SF-1L/SC-CV-PG16	110 010 261 1010
2PG16	H10A-SF-1L/SC-CV-2PG16	110 010 261 1030
PG21	H10A-SF-1L/SC-CV-PG21	110 010 261 1011
	with metal cover	
M20	H10A-SF-1L/SC-MCV-M20	110 010 261 1102
2M20	H10A-SF-1L/SC-MCV-2M20	110 010 261 1122
M25	H10A-SF-1L/SC-MCV-M25	110 010 261 1103
PG16	H10A-SF-1L/SC-MCV-PG16	110 010 261 1110
2PG16	H10A-SF-1L/SC-MCV-2PG16	110 010 261 1130
PG21	H10A-SF-1L/SC-MCV-PG21	110 010 261 1111

Please refer to page 15-02 for choosing proper model of lock.

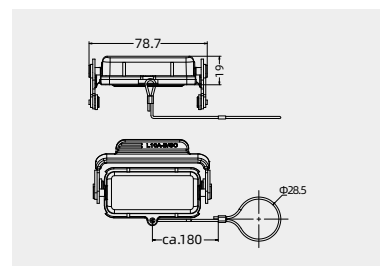


Protection covers



Connect way	Applications	Designation	Order No.
	for hoods	H10A-MCV-1L/SC.1	110 010 021 8101

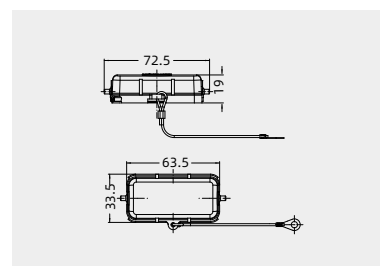
Please refer to page 15-02 for choosing proper model of lock.



Protection covers



Connect way	Applications	Designation	Order No.
	for housings	H10A-MCV-2B/1S	110 010 010 8101
	for housings	H10A-MCV-2B/2S	110 010 010 8102



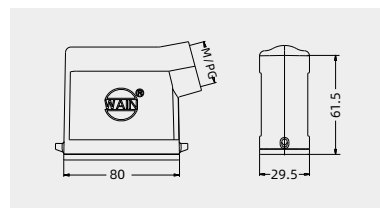
16A Metal hoods/housings

Degree of protection: IP65 Remark: SPQ is 1pc

Hoods, side entry



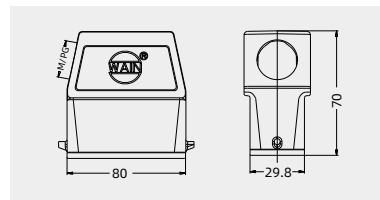
Thread	Designation	Order No.
M20	H16A-SE-2B-M20	110 016 510 1002
PG16	H16A-SE-2B-PG16	110 016 510 1010



Hoods, side entry, high construction



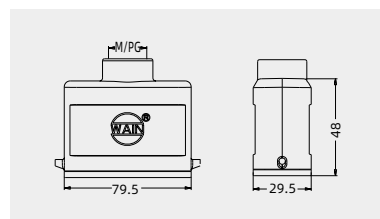
Thread	Designation	Order No.
M25	H16A-SEH-2B-M25	110 016 510 5003
PG16	H16A-SEH-2B-PG16	110 016 510 5010
PG21	H16A-SEH-2B-PG21	110 016 510 5011



Hoods, top entry



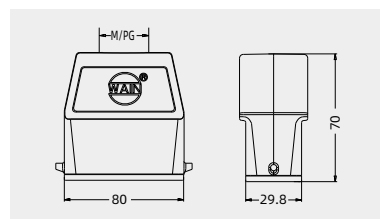
Thread	Designation	Order No.
M20	H16A-TE-2B-M20	110 016 410 1002
PG16	H16A-TE-2B-PG16	110 016 410 1010



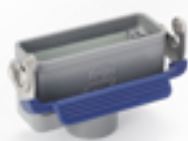
Hoods, top entry, high construction



Thread	Designation	Order No.
M25	H16A-TEH-2B-M25	110 016 410 5003
PG16	H16A-TEH-2B-PG16	110 016 410 5010
PG21	H16A-TEH-2B-PG21	110 016 410 5011

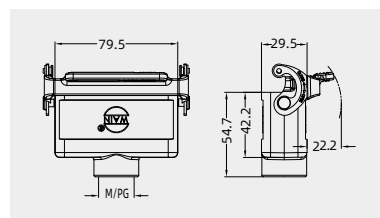


Housings, cable to cable



Thread	Designation	Order No.
M20	H16A-CCT-1L/SC-M20	110 016 721 1002
PG13.5	H16A-CCT-1L/SC-PG13.5	110 016 721 1009
PG16	H16A-CCT-1L/SC-PG16	110 016 721 1010

Please refer to page 15-02 for choosing proper model of lock.

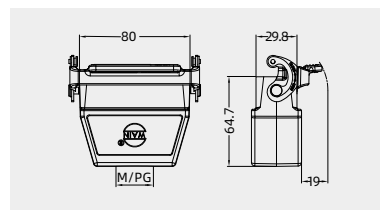


Housings, cable to cable ,high construction



Thread	Designation	Order No.
M25	H16A-CCTH-1L/SC-M25	110 016 721 5003
PG16	H16A-CCTH-1L/SC-PG16	110 016 721 5010
PG21	H16A-CCTH-1L/SC-PG21	110 016 721 5011

Please refer to page 15-02 for choosing proper model of lock.



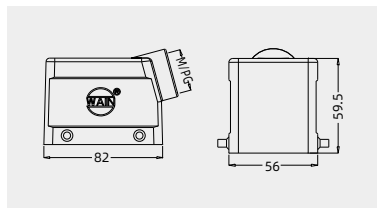
32A Metal hoods/housings

Degree of protection: IP65 Remark: SPQ is 1pc

Hoods, side entry



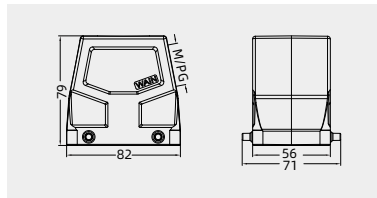
Thread	Designation	Order No.
M25	H32A-SE-4B-M25	110 032 530 1003
PG21	H32A-SE-4B-PG21	110 032 530 1011



Hoods, side entry, high construction



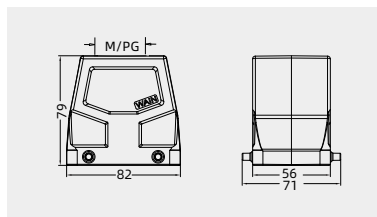
Thread	Designation	Order No.
M32	W32A-SEH-4B-M32	110 132 530 5001
PG21	W32A-SEH-4B-PG21	110 132 530 5002
PG29	W32A-SEH-4B-PG29	110 132 530 5003



Hoods, top entry, high construction



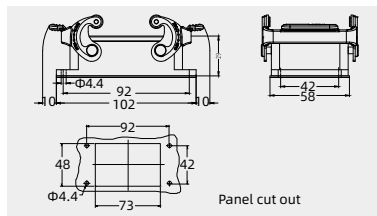
Thread	Designation	Order No.
M25	W32A-TEH-4B-M25	110 132 430 5001
M32	W32A-TEH-4B-M32	110 132 430 5002
PG21	W32A-TEH-4B-PG21	110 132 430 5003
PG29	W32A-TEH-4B-PG29	110 132 430 5004



Bulkhead mounted housings



Thread	Designation	Order No.
---	H32A-BK-2L/SC	110 032 341 1001

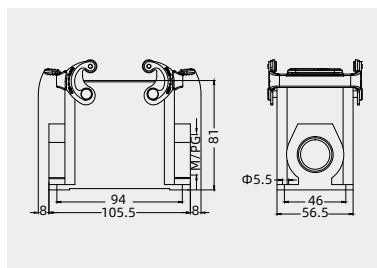


Housings, surface mounting

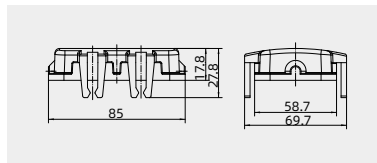


Thread	Designation	Order No.
M25	H32A-SF-2L/SC-M25	110 032 241 1003
M32	H32A-SF-2L/SC-M32	110 032 241 1004
2M32	H32A-SF-2L/SC-2M32	110 032 241 1024
PG21	H32A-SF-2L/SC-PG21	110 032 241 1011
2PG21	H32A-SF-2L/SC-2PG21	110 032 241 1031
PG29	H32A-SF-2L/SC-PG29	110 032 241 1012
2PG29	H32A-SF-2L/SC-2PG29	110 032 241 1032

Please refer to page 15-02 for choosing proper model of lock.

Protection covers, plastic cover
4 clamps

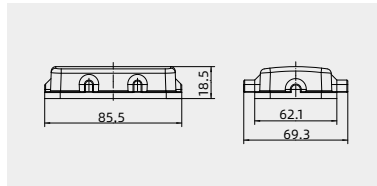
Connect way	Applications	Designation	Order No.
	for hoods	H32A-CV-4C	110 032 090 8009



Protection covers, plastic cover



Connect way	Applications	Designation	Order No.
	for cable to cable	H32A-CV-4B/1	110 032 030 8001
	for housings	H32A-CV-4B/2	110 032 030 8002



32A Metal hoods/housings

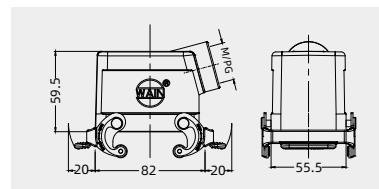
Degree of protection: IP65 Remark: SPQ is 1pc

Hoods, side entry



Thread	Designation	Order No.
M25	H32A-SE-2L/SC-M25	110 032 541 1003
PG21	H32A-SE-2L/SC-PG21	110 032 541 1011

Please refer to page 15-02 for choosing proper model of lock.

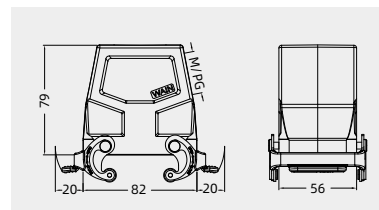


Hoods, side entry, high construction



Thread	Designation	Order No.
M32	W32A-SEH-2L/SC-M32	110 132 541 5001
PG21	W32A-SEH-2L/SC-PG21	110 132 541 5002
PG29	W32A-SEH-2L/SC-PG29	110 132 541 5003

Please refer to page 15-02 for choosing proper model of lock.

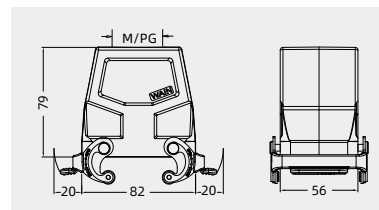


Hoods, top entry, high construction



Thread	Designation	Order No.
M25	W32A-TEH-2L/SC-M25	110 132 441 5001
M32	W32A-TEH-2L/SC-M32	110 132 441 5002
PG21	W32A-TEH-2L/SC-PG21	110 132 441 5003
PG29	W32A-TEH-2L/SC-PG29	110 132 441 5004

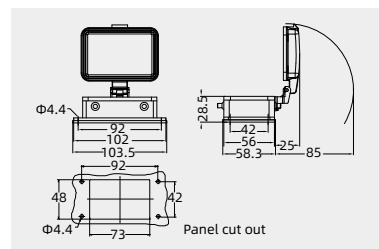
Please refer to page 15-02 for choosing proper model of lock.



Bulkhead mounted housings



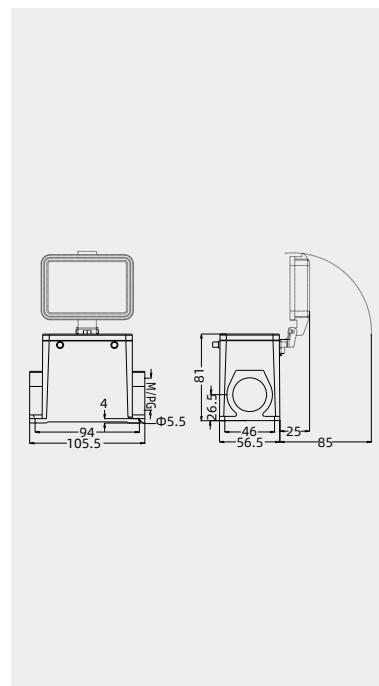
Thread	Designation	Order No.
---	H32A-BK-4B	110 032 330 1001
---	with plastic cover	
---	H32A-BK-4B-CV	110 032 370 1001
---	with metal cover	
---	H32A-BK-4B-MCV	110 032 370 1101



Surface mounted housings



Thread	Designation	Order No.
M25	H32A-SF-4B-M25	110 032 230 1003
M32	H32A-SF-4B-M32	110 032 230 1004
2M32	H32A-SF-4B-2M32	110 032 230 1024
PG21	H32A-SF-4B-PG21	110 032 230 1011
2PG21	H32A-SF-4B-2PG21	110 032 230 1031
PG29	H32A-SF-4B-PG29	110 032 230 1012
2PG29	H32A-SF-4B-2PG29	110 032 230 1032
---	with plastic cover	
M25	H32A-SF-4B-CV-M25	110 032 270 1003
M32	H32A-SF-4B-CV-M32	110 032 270 1004
2M32	H32A-SF-4B-CV-2M32	110 032 270 1024
PG21	H32A-SF-4B-CV-PG21	110 032 270 1011
2PG21	H32A-SF-4B-CV-2PG21	110 032 270 1031
PG29	H32A-SF-4B-CV-PG29	110 032 270 1012
2PG29	H32A-SF-4B-CV-2PG29	110 032 270 1032
---	with metal cover	
M25	H32A-SF-4B-MCV-M25	110 032 270 1103
M32	H32A-SF-4B-MCV-M32	110 032 270 1104
2M32	H32A-SF-4B-MCV-2M32	110 032 270 1124
PG21	H32A-SF-4B-MCV-PG21	110 032 270 1111
2PG21	H32A-SF-4B-MCV-2PG21	110 032 270 1131
PG29	H32A-SF-4B-MCV-PG29	110 032 270 1112
2PG29	H32A-SF-4B-MCV-2PG29	110 032 270 1132



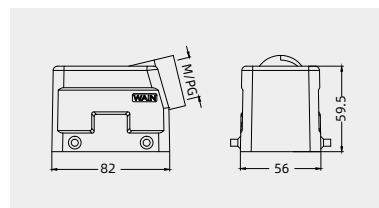
32A Metal hoods/housings

Degree of protection: IP67 Remark: SPQ is 1pc

Hoods, side entry



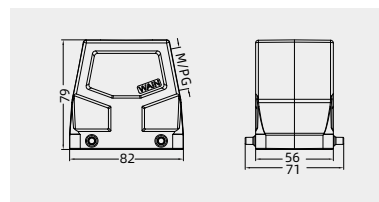
Thread	Designation	Order No.
M25	W32A-SE-4B-M25	110 132 530 1001
PG21	W32A-SE-4B-PG21	110 132 530 1003



Hoods, side entry, high construction



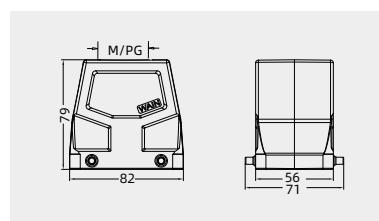
Thread	Designation	Order No.
M25	W32A-SEH-4B-M25	110 132 530 5001
PG21	W32A-SEH-4B-PG21	110 132 530 5002
PG29	W32A-SEH-4B-PG29	110 132 530 5003



Hoods, top entry, high construction



Thread	Designation	Order No.
M25	W32A-TEH-4B-M25	110 132 430 5001
M32	W32A-TEH-4B-M32	110 132 430 5002
PG21	W32A-TEH-4B-PG21	110 132 430 5003
PG29	W32A-TEH-4B-PG29	110 132 430 5004

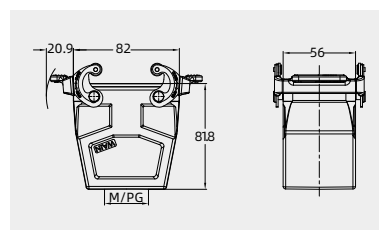


Housings, cable to cable, high construction



Thread	Designation	Order No.
M25	W32A-CCTH-2L/SC-M25	110 132 741 5002
M32	W32A-CCTH-2L/SC-M32	110 132 741 5003
PG21	W32A-CCTH-2L/SC-PG21	110 132 741 5001
PG29	W32A-CCTH-2L/SC-PG29	110 132 741 5004

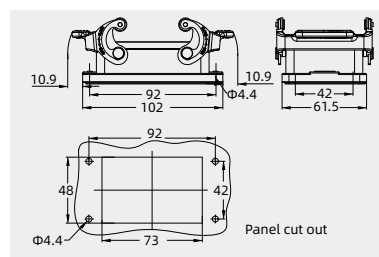
Please refer to page 15-02 for choosing proper model of lock.



Bulkhead mounted housings



Thread	Designation	Order No.
---	W32A-BK-2L/SC	110 132 341 1001



32A Metal hoods/housings

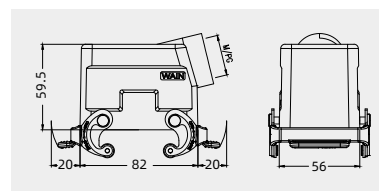
Degree of protection: IP67 Remark: SPQ is 1pc

Hoods, side entry



Thread	Designation	Order No.
M25	W32A-SE-2L/SC-M25	110 132 541 1001
PG21	W32A-SE-2L/SC-PG21	110 132 541 1002

Please refer to page 15-02 for choosing proper model of lock.

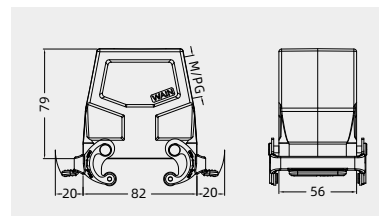


Hoods, side entry, high construction



Thread	Designation	Order No.
M32	W32A-SEH-2L/SC-M32	110 132 541 5001
PG21	W32A-SEH-2L/SC-PG21	110 132 541 5002
PG29	W32A-SEH-2L/SC-PG29	110 132 541 5003

Please refer to page 15-02 for choosing proper model of lock.

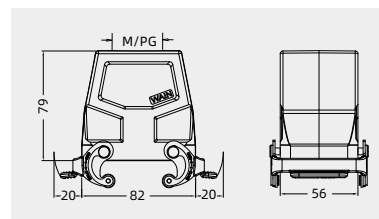


Hoods, top entry, high construction



Thread	Designation	Order No.
M25	W32A-TEH-2L/SC-M25	110 132 441 5001
M32	W32A-TEH-2L/SC-M32	110 132 441 5002
PG21	W32A-TEH-2L/SC-PG21	110 132 441 5003
PG29	W32A-TEH-2L/SC-PG29	110 132 441 5004

Please refer to page 15-02 for choosing proper model of lock.



Bulkhead mounted housings



Thread	Designation	Order No.
---	W32A-BK-4B	110 132 330 1001
	with plastic cover	
---	W32A-BK-4B-CV	110 132 330 8001
	with metal cover	
---	W32A-BK-4B-MCV	110 132 330 8002

