Foot Switched beauty product For medical

HRF Series



Part Number Description



^{*} Pedal Color: When ordering the basic color, it is available in pastel yellow.

* Example

General Specification

M type									
	М1	M2	M6	M7C	М8	MX1	MD2	MD3	MD4
Contact Form	1N/O	1C	2N/0	N/O		9,11	1C		
Material	Plastic	Plastic				Rolled Steel Aluminum Die-casting			
Rated Current	16A 250VAC RE	16A 250VAC RES. (KC criterion) 5A 250VAC 16A 250VAC RES. (KC criterion)							
Built-in Switch	V type Micro Sv	vitch (UL, CUL, VI	DE, CE, KC, CQC	certified) + 24	k gold plate				
M5 type									
M5 type	M5	M52	M53	м	5-L M	152-L	M53-L	M52-L-J	M53-L-J
(4-0-0-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-	M5	M52 2N/O	M53				M53-L 3N/O	M52- L-J 2N/0	M53-L-J
Contact Form	(2)15.	34,555	1000			35.75/25		2//3=1=3	1
M5 type Contact Form Material Rated Current	1N/O Plastic	34,555	3N/O			35.75/25		2//3=1=3	1

^{*} Option : USB type * M5 ~ M8 : Molding type Micro Switch

H type									
	HD3	HD3F	HD3N	HD3NX	HD3NS	HD3LX	HD5N	HD5NX	HD5NS
Contact Form	1C						2C (2Pedals)	
Rated Current	15A 125	5/250VAC					(4)		
Built-in Switch	Z type N	licro Switch (0	CE, UL, CUL, C	CC, KC certified))				
Material	Aluminu	ım Die-castinç	9						
Cable Outlet	By using	1/2 Inch Tap	, the flexible c	able can be atta	iched (Zn connect	or 10 ~ 16)			
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⁻HRF-M55-LR: 1 Pedal / Body Color Milky / Pedal Color Pastel Tone Red)
-HRF-M52-LBR: 2 Pedal / Body Color Milky / Pedal Color Pastel Tone Blue + Pastel Tone Red
-HRF-M53-LYBW: 3 Pedal / Body Color Milky / Pedal Color Pastel Tone Yellow + Pastel Tone Blue + White
-HRF-M53-L: 3 Pedal / Body Color Milky / Pedal Color Pastel Tone Yellow

	Contact Form	Rated Load	Built-in Switch	Certification	Material	Cable outlet	Degree of Protection	Part Number
	1N/O	16A 250VAC RES. (KC criterion)	V15F-01C (UL, CUL, VDE, CE, KC, CQC certified) + 24k gold plat	(€ ((()	plastic	VFF 0.75mm² × 2Line Cable × 1.5m	IP54	HRF-M1
	1C	16A 250VAC RES. (KC criterion)	V15F-01C (UL, CUL, VDE, CE, KC, CQC certified) + 24k gold plat	(€ ((()	plastic	0.5mm² × 3Line Cable × 2m	IP54	HRF-M2
	1N/O	16A 250VAC RES. (KC criterion)	VV15F-01C (UL, CUL, VDE, CE, KC, CQC certified) + 24k gold plat	(€ @	plastic	0.5mm² × 2Line Cable × 2m	IP68	HRF-M5
	2N/O (2pedals)	16A 250VAC RES. (KC criterion)	VV15F-01C (UL, CUL, VDE, CE, KC, CQC certified) + 24k gold plat	(((())	plastic	0.5mm² × 4Line Cable × 2m	IP68	HRF-M52
	3N/O (3pedals)	16A 250VAC RES. (KC criterion)	VV15F-01C (UL, CUL, VDE, CE, KC, CQC certified) + 24k gold plat	(€ (((()	plastic	0.5mm X 6Line cable X 2m	IP68	HRF-M53
ease refer to 63p for addition	nal specification	ns of V15F-01C, VV15F	-01C.					
r. 2/14 subject may change without not	ico		www.ka	acon,co,kr		Industrial Cor	ntrols Catalog	ı

HRF Series

Product Selection

	Contact Form	Rated Load	Built-in Switch	Certification	Material	Cable outlet	Degree of Protection	Part Number
No.	1N/O	16A 250VAC RES. (KC criterion)	VV15F-01C (UL, CUL, VDE, CE, KC, CQC certified) + 24k gold plat	(€ ((())	플라스틱	0.5mm² × 2Line Cable × 2m	IP68	HRF-M5-L
	2N/O (2페달)	16A 250VAC RES. (KC criterion)	VV15F-01C (UL, CUL, VDE, CE, KC, CQC certified) + 24k gold plat	(€ @	플라스틱	0.5mm² × 4Line Cable × 2m	IP68	HRF-M52-L
	3N/O (3페달)	16A 250VAC RES. (KC criterion)	VV15F-01C (UL, CUL, VDE, CE, KC, CQC certified) + 24k gold plat	(€ (((()	플라스틱	0.5mm X 6Line cable X 2m	IP68	HRF-M53-L
	2N/O (2페달)	16A 250VAC RES. (KC criterion)	VV15F-01C (UL, CUL, VDE, CE, KC, CQC certified) + 24k gold plat	(((())	플라스틱	0.5mm² × 4Line Cable × 2m	IP68	HRF-M52-L-J
	3N/O (3페달)	16A 250VAC RES. (KC criterion)	VV15F-01C (UL, CUL, VDE, CE, KC, CQC certified) + 24k gold plat	((()	플라스틱	0.5mm X 6Line cable X 2m	IP68	HRF-M53-L-J
	2N/O (2pedals)	10A 250VAC	VV15F-01C (UL, CUL, VDE, CE, KC, CQC certified) + 24k gold plat	(€ (((()	plastic	0.5mm² × 4Line Cable × 2m	IP65	HRF-M6

※ Please refer to 63p for additional specifications of V15F-01C, VV15F-01C.

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Product Selection

	Contact Form	Rated Load	Built-in Switch	Certification	Material	Cable outlet	Degree of Protection	Part Number
The state of the s	1N/O	16A 250VAC RES. (KC기준)	V15F-01C (UL, CUL, VDE, CE, KC, CQC certified) + 24k gold plat	(((((((((((((((((((plastic	VFF 0.75mm² × 2Line Cable × 1.5m	IP54	HRF-M7C
o a	1N/O	5A 250VAC	KMS-F Molding type	(((plastic	0.5mm² × 2Line Cable × 2m	IP68	HRF-M8
	1C	10A 250VAC	V15F-01C (UL, CUL, VDE, CE, KC, CQC certified) + 24k gold plat	(€ @ [§	rolled steel sheets	0.5mm ² × 3Line Cable × 2m	IP54	HRF-MX1
	1C	10A 250VAC	V15F-01C (UL, CUL, VDE, CE, KC, CQC certified) + 24k gold plat	(€ @ [€	aluminum die-casting	0.5mm² × 3Line Cable × 2m	IP54	HRF-MD2 HRF-MD23 (Maintained)
	1 C	10A 250VAC	V15F-01C (UL, CUL, VDE, CE, KC, CQC certified) + 24k gold plat	(€ @ [§	aluminum die-casting	0.5mm² × 3Line Cable × 2m	IP54	HRF-MD2S
A minus	1C	10A 250VAC	V15F-01C (UL, CUL, VDE, CE, KC, CQC certified) + 24k gold plat	(€ @ [§	aluminum die-casting	0.5mm² × 3Line Cable × 2m	IP54	HRF-MD3
a c	1C	10A 250VAC	V15F-01C (UL, CUL, VDE, CE, KC, CQC certified) + 24k gold plat	(€ @ [€	aluminum die-casting	0.5mm² × 3Line Cable × 2m	IP54	HRF-MD4

※ Please refer to 63p for additional specifications of V15F-01C, VV15F-01C.

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HRF Series

Product Selection

	Contact Form	Rated Load	Built-in Switch	Certification	Material	Cable outlet	Degree of Protection	Part Number
	1C	15A 125/250VAC	Z15G10B (CE, UL, CUL, CCC, KC certified)	((())	aluminum die-casting	1/2 Inch Tap, the flexible cable can be attached (zinc connector 10 ~ 16)	IP65	HRF-HD3
	1C	15A 125/250VAC	Z15G10B (CE, UL, CUL, CCC, KC certified)	◎))) ଆ ଆ (/ R₁	aluminum die-casting	1/2 Inch Tap, the flexible cable can be attached (zinc connector 10 ~ 16)	IP65	HRF-HD3N
A	1C	15A 125/250VAC	Z15G10B (CE, UL, CUL, CCC, KC certified)	∭3) ∭ 2//R 3	aluminum die-casting	1/2 Inch Tap, the flexible cable can be attached (zinc connector 10 ~ 16)	IP54	HRF-HD3NX
	1C	15A 125/250VAC	Z15G10B (CE, UL, CUL, CCC, KC certified)	◎))) ଆ ଥ ି ୧୯ ୩	aluminum die-casting	1/2 Inch Tap, the flexible cable can be attached (zinc connector 10 ~ 16)	IP54	HRF-HD3NS
A	1C	15A 125/250VAC	Z15G10B (CE, UL, CUL, CCC, KC certified)	◎)) ☑ (/ / ()	aluminum die-casting	1/2 Inch Tap, the flexible cable can be attached (zinc connector 10 ~ 16)	IP54	HRF-HD3LX
	1C	15A 125/250VAC	Z15G10B (CE, UL, CUL, CCC, KC certified)	◎ € (aluminum die-casting	1/2 Inch Tap, the flexible cable can be attached (zinc connector 10 ~ 16)	IP65	HRF-HD3F
Please refer to 54p for additional	l specification	s of Z15G10B.						

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Product Selection

	Contact Form	Rated Load	Built-in Switch	Certification	Material	Cable outlet	Degree of Protection	Part Number
A	2C (2pedals)	15A 125/250VAC	Z15G10B (CE, UL, CUL, CCC, KC certified)	€ (© () () () () () () () () () () () () () (aluminum die-casting	1/2 Inch Tap, the flexible cable can be attached (zinc connector 10 ~ 16)	IP54	HRF-HD5NX
	2C (2pedals)	15A 125/250VAC	Z15G10B (CE, UL, CUL, CCC, KC certified)	◎ € € € € € € € € € € € € € € € € € € €	aluminum die-casting	1/2 Inch Tap, the flexible cable can be attached (zinc connector 10 ~ 16)	IP54	HRF-HD5NS
	2C (2pedals)	15A 125/250VAC	Z15G10B (CE, UL, CUL, CCC, KC certified)	(€ ((()	aluminum die-casting	1/2 Inch Tap, the flexible cable can be attached (zinc connector 10 ~ 16)	IP54	HRF-HD202P
	3C (3pedals)	15A 125/250VAC	Z15G10B (CE, UL, CUL, CCC, KC certified)	(€ (((()	aluminum die-casting	1/2 Inch Tap, the flexible cable can be attached (zinc connector 10 ~ 16)	IP54	HRF-HD301P

※ Please refer to 54p for additional specifications of Z15G10B.

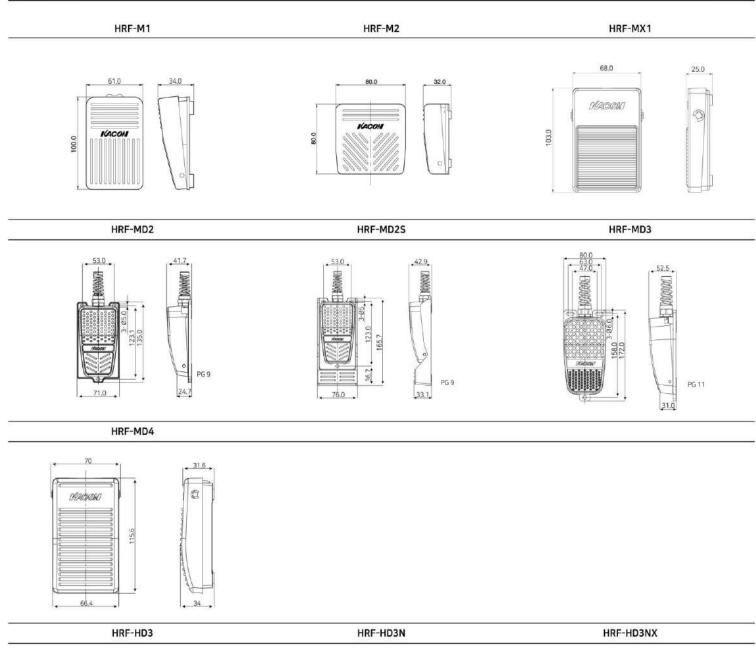
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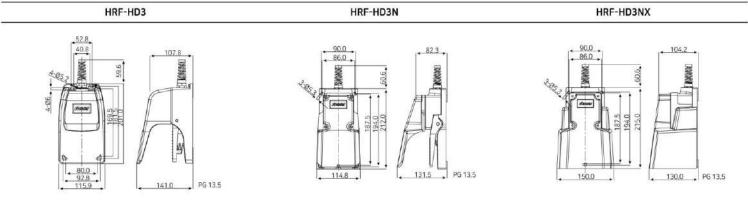
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HRF Series

Dimension Unit: mm

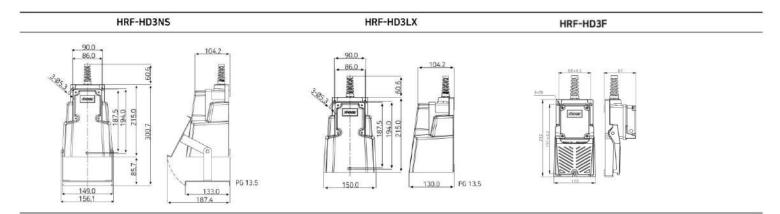




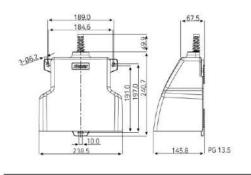
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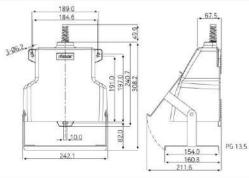


Dimension Unit: mm

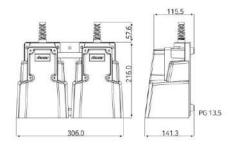


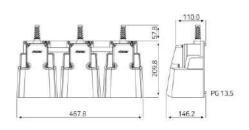
HRF-HD5NX HRF-HD5NS





HRF-HD202P HRF-HD301P

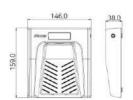


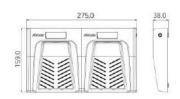


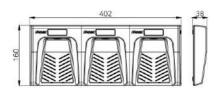
HRF Series

Dimension Unit: mm

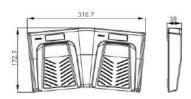
HRF-M5 / HRF-M5-L HRF-M52 / HRF-M52-L HRF-M53 / HRF-M53-L

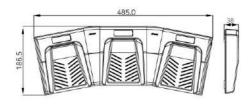






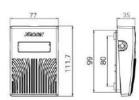
HRF-M52-L-J HRF-M53-L-J



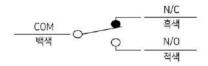


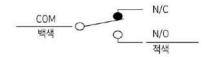
HRF-M6 HRF-M8

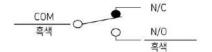




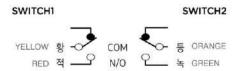
1C 1N/O(M5,M8 Series) 1N/O(M1, M7C Series)

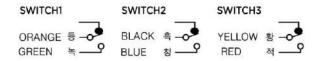






2N/O 3N/O





Caution

- Use the large current breaker for the large current above the rating considering the load type.
- Use caution for short or open circuits when the product is transported or moved.
- Consider the ambient environment, e.g., water, oil and dirt.
- Severe impact or falling matters may cause operating errors.

Caution

- Be sure to observe the safety precautions to prevent accidents and risks by using the product safely and properly.
- Precautions are classified into three categories: danger, warning, and caution.

⚠ Danger: Failure to observe this instruction may lead to an urgent situation including serious injury or significant damage.

⚠ Warning: Failure to observe this instruction may lead to serious injury or death.

⚠ Caution: Failure to observe this instruction may lead to light injury or damage to the product.

The meaning of the symbol in the product and user's guide are as follows.

<u> ∧</u> is the symbol that a specific condition may generate a danger, which must be avoided.

∆ Danger

Be sure to attach double safety lock to the product when using it for the devices that significantly influence human lives or properties (nuclear, control, healthcare, burning, processing and transport). Otherwise, it may lead to fire, injury and damage to properties.

△ Warning

- Do not connect the wire when the power is on
 It may cause an electric shock.
- Only the KACON's technician can modify the product, It may cause electric shock or fire.
- Do not use it as a safety device.It may cause injury or damage to the product.

∧ Caution

- 1. Do not use the product outdoors.
 - It may be the cause of reduced life and lead to an electric shock.
- Do not use the product in the flammable or explosive environment It may lead to fire and explosion.
- 3. Use the product at the rated voltage.

Failure to use the rated voltage may lead to a reduced product life.

Do not use the product outside the operating voltage range nor apply AC power to the DC power product,

It may lead to the damage to the product.

- 5. Do not miswire (e.g., polarity)
 - It may lead to the damage to the product.
- Do not use the product in the vibration environment. It may lead to fire.
- Do not use organic solvent for cleaning. It may lead to electric shock and fire.
- 8. Do not short the load,

It may lead to the damage to the product.

9. For the disposal of this product, classify the product as industrial.

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