METALTEX

LINHA **AV**

AV SERIES

BOTÕES E SINALIZADORES ANTIVANDALISMO

VANDAL RESISTANT PUSH BUTTONS AND INDICATORS

ESPECIFICAÇÕES TÉCNICAS

TECHNICAL SPECIFICATIONS

PRINCIPAIS CARACTERÍSTICAS / *MAIN CHARACTERISTICS*

- Corpo de aço inox e vedação contra entrada de líquidos;
  Stainless steel body and internal protection against liquids;
- Modelos para furação de 16, 19 e 22 mm;
  Models for 16, 19 and 22 mm panel cutout;
- Grau de Proteção IP65.
  IP65 protection degree.

ESPECIFICAÇÕES GERAIS / *GENERAL SPECIFICATIONS*

Botões Iluminados / *Illuminated push buttons*									
Modelos / *Models*	AV19IC	AVP19IC	AV22IM	AV22IC	AVP22IC	AV19IR	AVP19IR	AV22IR	AVP22IR
Arranjo dos contatos *Contact arrangement*	2 Rev / *DPDT*		1 Rev *SPDT*	1NA + 1NF *1NO + 1NC*		2 Rev / *DPDT*		1NA + 1NF *1NO + 1NC*	
Diâmetro de montagem *Mounting diameter*	19 mm		22 mm			19 mm		22 mm	
Modo de operação / *Operation mode*	Momentâneo / *Momentary*					Alternado / *Alternate*			
Grau de proteção / *Protection degree*	IP65								
Terminal / *Terminal*	Faston 2,8x0,5 ou solda / *or solder* (250 °C máx. 3 seg)								
Temperatura de operação *Operation temperature*	-20 ~ 55 °C								
Vida elétrica / *Electrical life*	200.000 operações mín. / *operations mín.*								
Vida mecânica / *Mechanical life*	800.000 operações mín. / *operations min.*					400.000 operações mín. / *operations min.*			
Resistência de contato inicial *Initial contact resistance*	≤50 mΩ máx.								
Resistência de isolação *Insulation resistance*	1 GΩ mín. – 500 V								
Rigidez dielétrica / *Dielectric strength*	2000 VCA / *VAC* - 1 minuto / *minute*								
Capacidade dos contatos *Contact rating*	5A - 48 VCC / *VDC* 5A - 250 VCA / *VAC*								

Botões / *Push buttons*								
Modelos / *Models*	AV16FA	AV16BA	AV16HA	AV19FA	AV19BA	AV19HA	AV22FC	AV19R
Arranjo dos contatos *Contact arrangement*	1NA / *1NO*						1NA + 1NF *1NO + 1NC*	2 Rev / *DPDT*
Diâmetro de montagem *Mounting diameter*	16 mm			19 mm			22 mm	19 mm
Modo de operação *Operation mode*	Momentâneo / *Momentary*							Alternado *Alternate*
Grau de proteção / *Protection degree*	IP65							
Terminal / *Terminal*	Parafuso / *Screw*						Faston 2,8x0,5 ou solda *or solder* (250 °C máx. 3 seg)	
Temperatura de operação *Operation temperature*	-20 ~ 70 °C							
Capacidade dos contatos *Contact rating*	3A - 48 VCC / *VDC* 3A - 250 VCA / *VAC*						5A - 48 VCC / *VDC* 5A - 250 VCA / *VAC*	
Vida elétrica / *Electrical life*	200.000 operações mín. / *operations min.*							
Vida Mecânica / *Mechanical life*	1.000 operações mín. / *operations min.*							
Resistência de contato inicial *Initial contact resistance*	100 mΩ máx.							
Resistência de isolação *Insulation resistance*	1 GΩ mín. – 500 V							
Rigidez dielétrica / *Dielectric strength*	1500 VCA / *VAC* - 1 minuto / *minute*							

Botões de emergência / *Emergency buttons*			
Modelos / *Models*	AV16-ER2	AV19-ER2	AV22-ER2
Arranjo dos contatos *Contact arrangement*	2 Rev (NF com ruptura positiva) / *DPDT (NC with positive opening)*		
Diâmetro de montagem *Mounting diameter*	16 mm	19 mm	22 mm
Modo de operação / *Operation mode*	Empurra para travar e gira para destravar / *Push-lock and twist-to-release*		
Grau de proteção / *Protection degree*	IP65		
Terminal / *Terminal*	Faston 2,8x0,5 ou solda / *or solder* (250 °C máx. 3 seg)		
Temperatura de operação *Operation temperature*	-20 ~ 55 °C		
Vida elétrica / *Electrical life*	200.000 operações mín. / *operations min.*		
Resistência de contato inicial *Initial contact resistance*	≤50 mΩ máx.		
Resistência de isolação *Insulation resistance*	1 GΩ mín. – 500 V		
Rigidez dielétrica / *Dielectric strength*	2000 VCA / *VAC* - 1 minuto / *minute*		
Capacidade dos contatos *Contact rating*	5A - 48 VCC / *VDC* 5A - 250 VCA / *VAC*		

Chaves seletoras / *Selectors switch*		
Modelos / *Models*	AV19S2	AV19S3
Arranjo dos contatos *Contact arrangement*	1 Rev / *SPDT*	2 Rev / *DPDT*
Diâmetro de montagem *Mounting diameter*	19 mm	
Modo de operação / *Operation mode*	2 posições fixas 90° / *2 positions fixed 90°*	3 posições fixas 45° / *3 positions fixed 45°*
Grau de proteção / *Protection degree*	IP65	
Terminal / *Terminal*	Faston 2,8x0,5 ou solda / *or solder* (250 °C máx. 3 seg)	
Temperatura de operação *Operation temperature*	-20 ~ 55 °C	
Vida elétrica / *Electrical life*	200.000 operações mín. / *operations min.*	
Resistência de contato inicial *Initial contact resistance*	≤50 mΩ máx.	
Resistência de isolação *Insulation resistance*	1 GΩ mín. – 500 V	
Rigidez dielétrica / *Dielectric strength*	2000 VCA / *VAC* - 1 minuto / *minute*	
Capacidade dos contatos *Contact rating*	5A - 48 VCC / *VDC* 5A - 250 VCA / *VAC*	

Sinalizadores / *Indicators*		
Modelos / *Models*	AV19P	AV22P
Diâmetro de montagem *Mounting diameter*	19 mm	22 mm
Grau de proteção / *Protection degree*	IP65	
Temperatura de operação *Operation temperature*	-20 ~ 70 °C	
Vida elétrica / *Electrical life*	50.000 operações mín. / *operations min.*	
Resistência de isolação *Insulation resistance*	1 GΩ mín. – 500 V	
Rigidez dielétrica / *Dielectric strength*	1500 VCA / *VAC* - 1 minuto / *minute*	

CÓDIGO DE COMPRA / *HOW TO ORDER*

AV 22 IR C 2 - 1 R - 1

Modelos / *Models*	
AV	Corpo aço inox natural / *Stainless steel body*
AVP	Corpo alumínio preto / *Black aluminum body*

Furo para Fixação / *Mounting hole*	
16	16 mm
19	19 mm
22	22 mm

Função / *Function*	
IC	Momentâneo iluminado / *Illuminated momentary*
IR	Alternado iluminado / *Illuminated alternate*
IM	Momentâneo iluminado tricolor *Tricolor illuminated momentary*
F	Momentâneo plano / *Flat momentary*
B	Momentâneo arredondado / *Rounded momentary*
H	Momentâneo não faceado / *Non flush momentary*
R	Alternado plano / *Flat alternate*
ER	Emergência / *Emergency*
S	Chave seletora / *Selector switch*
P	Sinalizador / *Indicator*

Contato / *Contact*	
Em branco / *Nil*	Não especificado - Consulte a tabela *Not specified – Refer to table*
A	1 NA / *NO*
C	1 NA + 1 NF / *NO + NC*

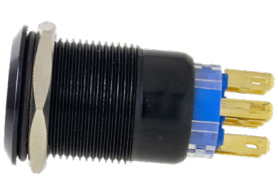
Legenda iluminada / *Illuminated legend*	
Em branco / *Nil*	Sem legenda / *No legends*
1	Liga / Desliga / *On / Off* (Fazemos legenda personalizada) *(We provide custom legends)*

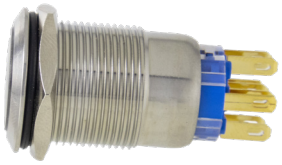
Cor / *Color*	
Em branco / *Nil*	Sem iluminação / *Non-illuminated*
BL	Azul / *Blue*
G	Verde / *Green*
O	Laranja / *Orange*
R	Vermelho / *Red*
W	Branco / *White*
RGB	Vermelho, verde e azul / *Red, green and blue*

Tensão de alimentação / *Supply voltage*	
Em branco / *Nil*	Não se aplica / *Not applicable*
1	110 VCC/VCA / *VDC/VAC*
2	220 VCC/VCA / *VDC/VAC*
7	24 VCC/VCA / *VDC/VAC*
9	12 VCC/VCA / *VDC/VAC*

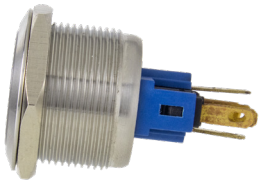
Posição / *Position*	
Em branco / *Nil*	Não se aplica / *Not applicable*
2	2 posições fixas 90° *2 positions fixed 90°*
3	3 posições fixas 45° *3 positions fixed 45°*

BOTÕES ILUMINADOS / *ILLUMINATED BUTTONS*

Corpo alumínio preto 19 mm / *19 mm black aluminium body*					
Botão / *Button*	Contato *Contact*	Cor / *Color*	Tensão / *Voltage*	Modo de operação *Operation mode*	Código / *Code*
	2 Rev / *DPDT*	Azul *Blue*	220 VCC/VCA / *VDC/VAC*	Alternado / *Alternate*	AVP19IR-2BL
			24 VCC/VCA / *VDC/VAC*		AVP19IR-7BL
	2 Rev / *DPDT*	Branco *White*	220 VCC/VCA / *VDC/VAC*	Alternado / *Alternate*	AVP19IR-2W
			24 VCC/VCA / *VDC/VAC*		AVP19IR-7W
			12 VCC/VCA / *VDC/VAC*		AVP19IR-9W
	2 Rev / *DPDT*	Verde *Green*	220 VCC/VCA / *VDC/VAC*	Momentâneo / *Momentary*	AVP19IC-2G
				Alternado / *Alternate*	AVP19IR-2G
			24 VCC/VCA / *VDC/VAC*	Alternado / *Alternate*	AVP19IR-7G
	2 Rev / *DPDT*	Vermelho *Red*	220 VCC/VCA / *VDC/VAC*	Alternado / *Alternate*	AVP19IR-2R
			24 VCC/VCA / *VDC/VAC*		AVP19IR-7R

Aço inox natural 19 mm / *19 mm stainless steel body*					
Botão / *Button*	Contato *Contact*	Cor / *Color*	Tensão / *Voltage*	Modo de operação *Operation mode*	Código / *Code*
Sem legenda / *No legend* 	2 Rev / *DPDT*	Azul *Blue*	110 VCC/VCA / *VDC/VAC*	Alternado / *Alternate*	AV19IR-1BL
			220 VCC/VCA / *VDC/VAC*	Momentâneo / *Momentary*	AV19IC-2BL
				Alternado / *Alternate*	AV19IR-2BL
			24 VCC/VCA / *VDC/VAC*	Momentâneo / *Momentary*	AV19IC-7BL
				Alternado / *Alternate*	AV19IR-7BL
			12 VCC/VCA / *VDC/VAC*	Momentâneo / *Momentary*	AV19IC-9BL
				Alternado / *Alternate*	AV19IR-9BL
	2 Rev / *DPDT*	Branco *White*	220 VCC/VCA / *VDC/VAC*	Momentâneo / *Momentary*	AV19IC-2W
				Alternado / *Alternate*	AV19IR-2W
			24 VCC/VCA / *VDC/VAC*	Momentâneo / *Momentary*	AV19IC-7W
				Alternado / *Alternate*	AV19IR-7W
			12 VCC/VCA / *VDC/VAC*	Momentâneo / *Momentary*	AV19IC-9W
				Alternado / *Alternate*	AV19IR-9W
	2 Rev / *DPDT*	Laranja *Orange*	220 VCC/VCA / *VDC/VAC*	Momentâneo / *Momentary*	AV19IC-2O
				Alternado / *Alternate*	AV19IR-2O
			24 VCC/VCA / *VDC/VAC*	Momentâneo / *Momentary*	AV19IC-7O
				Alternado / *Alternate*	AV19IR-7O
			12 VCC/VCA / *VDC/VAC*	Momentâneo / *Momentary*	AV19IC-9O
				Alternado / *Alternate*	AV19IR-9O
	2 Rev / *DPDT*	Verde *Green*	110 VCC/VCA / *VDC/VAC*	Alternado / *Alternate*	AV19IR-1G
			220 VCC/VCA / *VDC/VAC*	Momentâneo / *Momentary*	AV19IC-2G
				Alternado / *Alternate*	AV19IR-2G
			24 VCC/VCA / *VDC/VAC*	Momentâneo / *Momentary*	AV19IC-7G
				Alternado / *Alternate*	AV19IR-7G
			12 VCC/VCA / *VDC/VAC*	Momentâneo / *Momentary*	AV19IC-9G
				Alternado / *Alternate*	AV19IR-9G
	2 Rev / *DPDT*	Vermelho *Red*	110 VCC/VCA / *VDC/VAC*	Alternado / *Alternate*	AV19IR-1R
			220 VCC/VCA / *VDC/VAC*	Momentâneo / *Momentary*	AV19IC-2R
				Alternado / *Alternate*	AV19IR-2R
			24 VCC/VCA / *VDC/VAC*	Momentâneo / *Momentary*	AV19IC-7R
				Alternado / *Alternate*	AV19IR-7R
			12 VCC/VCA / *VDC/VAC*	Momentâneo / *Momentary*	AV19IC-9R
				Alternado / *Alternate*	AV19IR-9R
Com legenda/ *With legend*	2 Rev / *DPDT*	Azul *Blue*	220 VCC/VCA / *VDC/VAC*	Alternado / *Alternate*	AV19IR-2BL-1
			12 VCC/VCA / *VDC/VAC*	Alternado / *Alternate*	AV19IR-9BL-1
				Momentâneo / *Momentary*	AV19IC-9BL-1
	2 Rev / *DPDT*	Laranja *Orange*	220 VCC/VCA / *VDC/VAC*	Alternado / *Alternate*	AV19IR-2O-1
	2 Rev / *DPDT*	Verde *Green*	220 VCC/VCA / *VDC/VAC*		AV19IR-2G-1
			12 VCC/VCA / *VDC/VAC*		AV19IR-9G-1

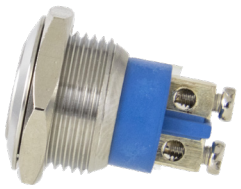
Corpo alumínio preto 22 mm / *22 mm black aluminium body*					
Botão / *Button*	Contato *Contact*	Cor / *Color*	Tensão / *Voltage*	Modo de operação *Operation mode*	Código / *Code*
	1NA + 1NF *1NO + 1NC*	Azul *Blue*	220 VCC/VCA / *VDC/VAC*	Alternado / *Alternate*	AVP22IR-2BL
			24 VCC/VCA / *VDC/VAC*		AVP22IR-7BL
			12 VCC/VCA / *VDC/VAC*	Momentâneo / *Momentary*	AVP22IC-9BL
	1NA + 1NF *1NO + 1NC*	Branco *White*	220 VCC/VCA / *VDC/VAC*	Alternado / *Alternate*	AVP22IR-2W
			24 VCC/VCA / *VDC/VAC*		AVP22IR-7W
	1NA + 1NF *1NO + 1NC*	Verde *Green*	220 VCC/VCA / *VDC/VAC*	Alternado / *Alternate*	AVP22IR-2G
			24 VCC/VCA / *VDC/VAC*		AVP22IR-7G
	1NA + 1NF *1NO + 1NC*	Vermelho *Red*	220 VCC/VCA / *VDC/VAC*	Alternado / *Alternate*	AVP22IR-2R
			24 VCC/VCA / *VDC/VAC*		AVP22IR-7R

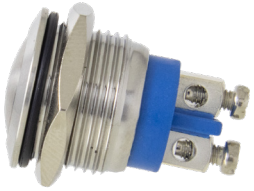
Aço inox natural 22 mm / *22 mm stainless steel body*					
Botão / *Button*	Contato *Contact*	Cor / *Color*	Tensão / *Voltage*	Modo de operação *Operation mode*	Código / *Code*
Sem legenda / *No legends* 	1NA + 1NF *1NO + 1NC*	Azul *Blue*	220 VCC/VCA / *VDC/VAC*	Momentâneo / *Momentary*	AV22IC-2BL
				Alternado / *Alternate*	AV22IR-2BL
			24 VCC/VCA / *VDC/VAC*	Momentâneo / *Momentary*	AV22IC-7BL
				Alternado / *Alternate*	AV22IR-7BL
			12 VCC/VCA / *VDC/VAC*	Momentâneo / *Momentary*	AV22IC-9BL
				Alternado / *Alternate*	AV22IR-9BL
	1NA + 1NF *1NO + 1NC*	Branco *White*	220 VCC/VCA / *VDC/VAC*	Momentâneo / *Momentary*	AV22IC-2W
				Alternado / *Alternate*	AV22IR-2W
			24 VCC/VCA / *VDC/VAC*	Momentâneo / *Momentary*	AV22IC-7W
				Alternado / *Alternate*	AV22IR-7W
			12 VCC/VCA / *VDC/VAC*	Momentâneo / *Momentary*	AV22IC-9W
				Alternado / *Alternate*	AV22IR-9W
	1NA + 1NF *1NO + 1NC*	Laranja *Orange*	220 VCC/VCA / *VDC/VAC*	Momentâneo / *Momentary*	AV22IC-2O
				Alternado / *Alternate*	AV22IR-2O
			24 VCC/VCA / *VDC/VAC*	Momentâneo / *Momentary*	AV22IC-7O
				Alternado / *Alternate*	AV22IR-7O
			12 VCC/VCA / *VDC/VAC*	Momentâneo / *Momentary*	AV22IC-9O
	1NA + 1NF *1NO + 1NC*	Verde *Green*	220 VCC/VCA / *VDC/VAC*	Momentâneo / *Momentary*	AV22IC-2G
				Alternado / *Alternate*	AV22IR-2G
			24 VCC/VCA / *VDC/VAC*	Momentâneo / *Momentary*	AV22IC-7G
				Alternado / *Alternate*	AV22IR-7G
			12 VCC/VCA / *VDC/VAC*	Momentâneo / *Momentary*	AV22IC-9G
				Alternado / *Alternate*	AV22IR-9G
	1NA + 1NF *1NO + 1NC*	Vermelho *Red*	220 VCC/VCA / *VDC/VAC*	Momentâneo / *Momentary*	AV22IC-2R
				Alternado / *Alternate*	AV22IR-2R
			24 VCC/VCA / *VDC/VAC*	Momentâneo / *Momentary*	AV22IC-7R
				Alternado / *Alternate*	AV22IR-7R
			12 VCC/VCA / *VDC/VAC*	Momentâneo / *Momentary*	AV22IC-9R
				Alternado / *Alternate*	AV22IR-9R

Aço inox natural 22 mm / *22 mm stainless steel body*					
Botão / *Button*	Contato *Contact*	Cor / *Color*	Tensão / *Voltage*	Modo de operação *Operation mode*	Código / *Code*
Sem legenda / *No legends*	1 Rev / *SPDT*	Vermelho, verde e azul *Red, green and blue*	24 VCC/VCA / *VDC/VAC*	Momentâneo / *Momentary*	AV22IM-7RGB
					AV22IM-7RGB-R*
			12 VCC/VCA / *VDC/VAC*		AV22IM-9RGB
Com legenda / *With legend*	1NA + 1NF *1NO + 1NC*	Azul *Blue*	220 VCC/VCA / *VDC/VAC*	Alternado / *Alternate*	AV22IR-2BL-1
			24 VCC/VCA / *VDC/VAC*		AV22IR-7BL-1
			12 VCC/VCA / *VDC/VAC*		AV22IR-9BL-1
	1NA + 1NF *1NO + 1NC*	Branco *White*	24 VCC/VCA / *VDC/VAC*	Alternado / *Alternate*	AV22IR-7W-1
			12 VCC/VCA / *VDC/VAC*		AV22IR-9W-1
	1NA + 1NF *1NO + 1NC*	Laranja *Orange*	24 VCC/VCA / *VDC/VAC*	Alternado / *Alternate*	AV22IR-7O-1
	1NA + 1NF *1NO + 1NC*	Verde *Green*	24 VCC/VCA / *VDC/VAC*	Alternado / *Alternate*	AV22IR-7G-1
			12 VCC/VCA / *VDC/VAC*		AV22IR-9G-1
	1NA + 1NF *1NO + 1NC*	Vermelho *Red*	24 VCC/VCA / *VDC/VAC*	Alternado / *Alternate*	AV22IR-7R-1
	1 Rev / *SPDT*	Vermelho, verde e azul *Red, green and blue*	24 VCC/VCA / *VDC/VAC*	Momentâneo / *Momentary*	AV22IM-7RGB-1
					AV22IM-7RGB-1-R*
			12 VCC/VCA / *VDC/VAC*		AV22IM-9RGB-1

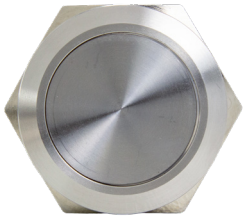
*Polaridade invertida dos LEDs / *Inverted polarity of the LEDs*

BOTÕES SEM ILUMINAÇÃO/ *NON-ILLUMINATED BUTTONS*

Momentâneo plano / *Flat momentary*				
Botão / *Button*	Contato *Contact*	Furação do painel *Panel Cutout*	Capacidade dos contatos *Contact rating*	Código *Code*
	1NA *1NO*	16 mm	3A - 48 VCC / *VDC* 3A - 250 VCA / *VAC*	AV16FA
		19 mm		AV19FA
	1NA + 1NF *1NO + 1NC*	22 mm	5A - 48 VCC / *VDC* 5A - 250 VCA / *VAC*	AV22FC

Momentâneo arredondado / *Rounded momentary*				
Botão / *Button*	Contato *Contact*	Furação do painel *Panel Cutout*	Capacidade dos contatos *Contact rating*	Código *Code*
	1NA *1NO*	16 mm	3 A - 48 VCC / *VDC* 3 A - 250 VCA / *VAC*	AV16BA
		19 mm		AV19BA

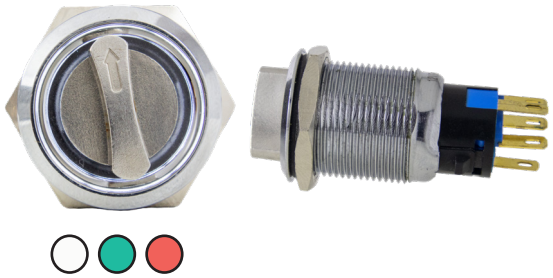
Momentâneo não faceado / *Non flush momentary*				
Botão / *Button*	Contato *Contact*	Furação do painel *Panel Cutout*	Capacidade dos contatos *Contact rating*	Código *Code*
	1NA *1NO*	16 mm	3 A - 48 VCC / *VDC* 3 A - 250 VCA / *VAC*	AV16HA
		19 mm		AV19HA

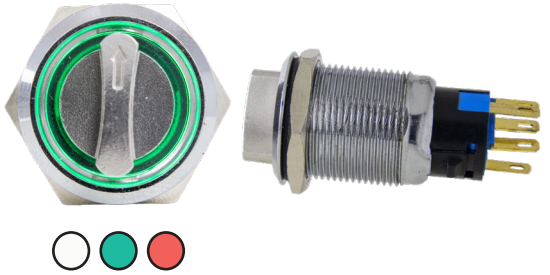
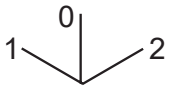
Alternado plano / *Flat alternate*				
Botão / *Button*	Contato *Contact*	Furação do painel *Panel Cutout*	Capacidade dos contatos *Contact rating*	Código *Code*
	2 Rev *DPDT*	19 mm	5 A - 48 VCC / *VDC* 5 A - 250 VCA / *VAC*	AV19R

BOTÕES DE EMERGÊNCIA / *EMERGENCY BUTTONS*

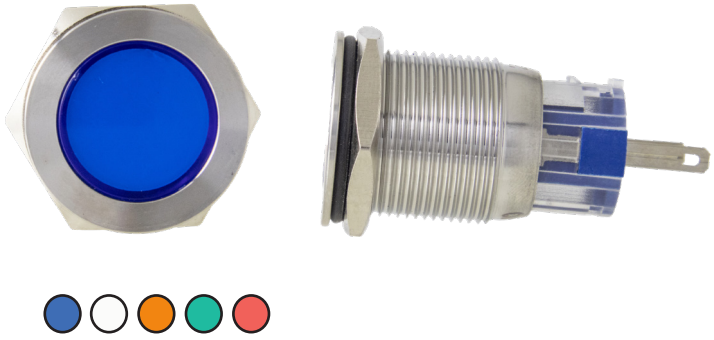
Chave seletora / *Selector switch*	Contato *Contact*	Furação do painel *Panel cutout*	Capacidade dos contatos *Contact rating*	Código *Code*
	2 Rev (NF com ruptura positiva) *DPDT (NC with positive opening)*	16 mm	5 A - 48 VCC / *VDC* 5 A - 250 VCA / *VAC*	AV16-ER2
		19 mm		AV19-ER2
		22 mm		AV22-ER2

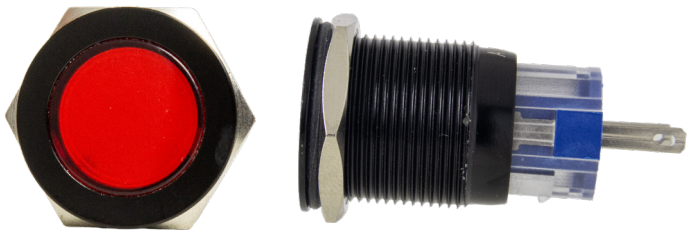
CHAVE SELETORA / *SELECTOR SWITCH*

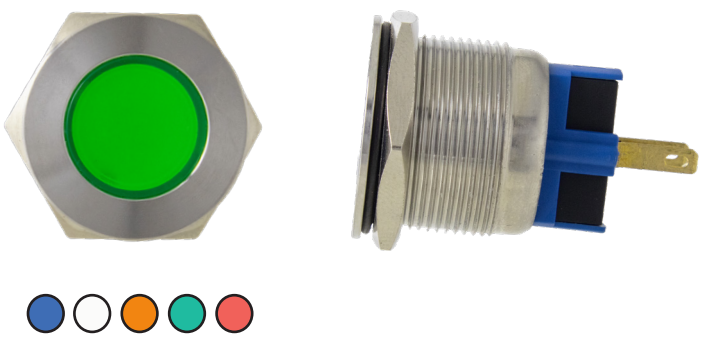
Com 2 posições / *With 2 positions*					
Chave seletora / *Selector switch*	Contato *Contact*	Cor / *Color*	Tensão / *Voltage*	Modo de operação *Operation mode*	Código / *Code*
	1 Rev *SPDT*	Branco *White*	24 VCC/VCA / *VDC/VAC*	0 — 1 90° fixas / *Fixed*	AV19S2-7W
			12 VCC/VCA / *VDC/VAC*		AV19S2-9W
		Verde *Green*	24 VCC/VCA / *VDC/VAC*		AV19S2-7G
			12 VCC/VCA / *VDC/VAC*		AV19S2-9G
		Vermelho *Red*	24 VCC/VCA / *VDC/VAC*		AV19S2-7R
			12 VCC/VCA / *VDC/VAC*		AV19S2-9R

Com 3 posições / *With 3 positions*					
Chave seletora / *Selector switch*	Contato *Contact*	Cor / *Color*	Tensão / *Voltage*	Modo de operação *Operation mode*	Código / *Code*
	2 Rev *DPDT*	Branco *White*	24 VCC/VCA / *VDC/VAC*	 45° fixas / *Fixed*	AV19S3-7W
			12 VCC/VCA / *VDC/VAC*		AV19S3-9W
		Verde *Green*	24 VCC/VCA / *VDC/VAC*		AV19S3-7G
			12 VCC/VCA / *VDC/VAC*		AV19S3-9G
		Vermelho *Red*	24 VCC/VCA / *VDC/VAC*		AV19S3-7R
			12 VCC/VCA / *VDC/VAC*		AV19S3-9R

SINALIZADORES / *INDICATOR*

Aço inox natural 19 mm / *19 mm stainless steel body*			
Sinalizador / *Indicators*	Cor / *Color*	Tensão / *Voltage*	Código / *Code*
	Azul *Blue*	220 VCC/VCA / *VDC/VAC*	AV19P-2BL
		24 VCC/VCA / *VDC/VAC*	AV19P-7BL
	Branco *White*	220 VCC/VCA / *VDC/VAC*	AV19P-2W
		24 VCC/VCA / *VDC/VAC*	AV19P-7W
	Laranja *Orange*	220 VCC/VCA / *VDC/VAC*	AV19P-2O
		24 VCC/VCA / *VDC/VAC*	AV19P-7O
	Verde *Green*	220 VCC/VCA / *VDC/VAC*	AV19P-2G
		24 VCC/VCA / *VDC/VAC*	AV19P-7G
	Vermelho *Red*	220 VCC/VCA / *VDC/VAC*	AV19P-2R
		24 VCC/VCA / *VDC/VAC*	AV19P-7R

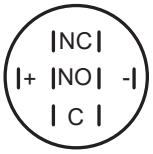
Corpo alumínio preto 19 mm / *19 mm black aluminium body*			
Sinalizador / *Indicators*	Cor / *Color*	Tensão / *Voltage*	Código / *Code*
	Vermelho *Red*	220 VCC/VCA / *VDC/VAC*	AV19P-P2R

Aço inox natural 22 mm / *22 mm stainless steel body*			
Sinalizador / *Indicators*	Cor / *Color*	Tensão / *Voltage*	Código / *Code*
	Azul *Blue*	220 VCC/VCA / *VDC/VAC*	AV22P-2BL
		24 VCC/VCA / *VDC/VAC*	AV22P-7BL
	Branco *White*	220 VCC/VCA / *VDC/VAC*	AV22P-2W
		24 VCC/VCA / *VDC/VAC*	AV22P-7W
	Laranja *Orange*	220 VCC/VCA / *VDC/VAC*	AV22P-2O
		24 VCC/VCA / *VDC/VAC*	AV22P-7O
	Verde *Green*	220 VCC/VCA / *VDC/VAC*	AV22P-2G
		24 VCC/VCA / *VDC/VAC*	AV22P-7G
	Vermelho *Red*	220 VCC/VCA / *VDC/VAC*	AV22P-2R
		24 VCC/VCA / *VDC/VAC*	AV22P-7R

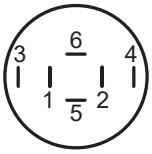
CONEXÕES / *CONNECTIONS*

Vista do lado dos terminais / *Terminal side view*

AV19IC / AV19IR / AVP19IC / AVP19IR

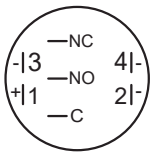


AV22IC / AV22IR / AVP22IC / AVP22IR



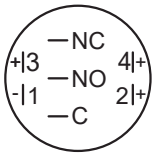
1 - 2	NF / *NC*
3 - 4	NA / *NO*
5 - 6	LED

AV22IM-R



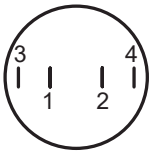
1 - 2	LED Azul *Blue LED*
1 - 3	LED Vermelho *Red LED*
1 - 4	LED Verde *Green LED*

AV22IM



1 - 2	LED Azul *Blue LED*
1 - 3	LED Vermelho *Red LED*
1 - 4	LED Verde *Green LED*

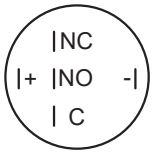
AV22FC



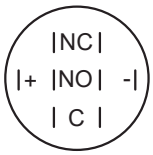
1 - 2	NF / *NC*
3 - 4	NA / *NO*

AV19R / AV16-ER2 / AV19-ER2 / AV22-ER2

AV19S2

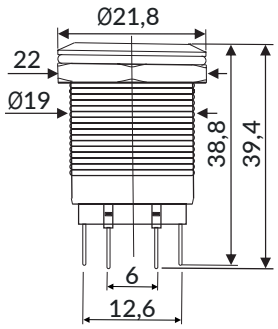


AV19S3

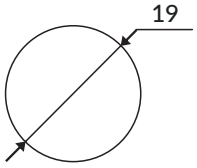


DIMENSÕES / *DIMENSIONS* (mm)

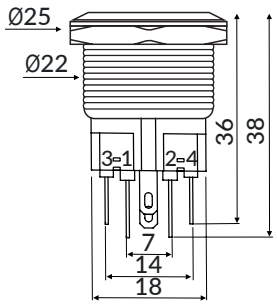
AV19IC / AV19IR / AVP19IC / AVP19IR

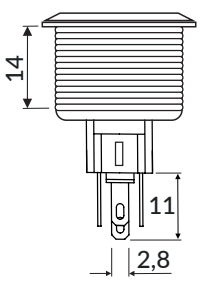


Furo do painel
Panel Cutout

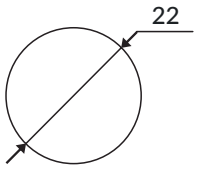


AV22IC / AV22IR / AVP22IC / AVP22IR

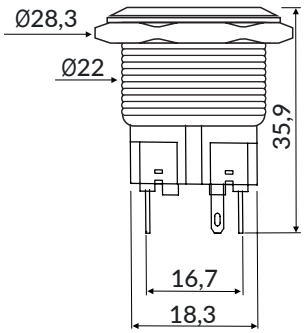


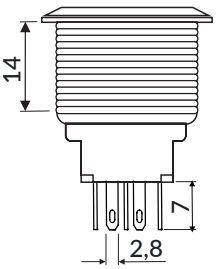


Furo do painel
Panel Cutout

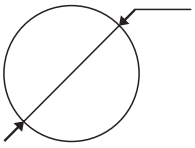


AV22IM / AV22IM-R

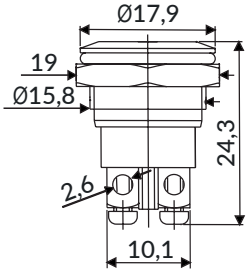


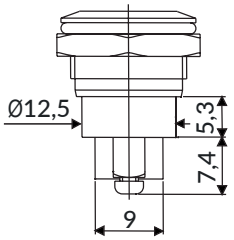


Furo do painel
Panel Cutout

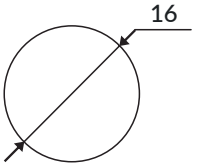


AV16FA

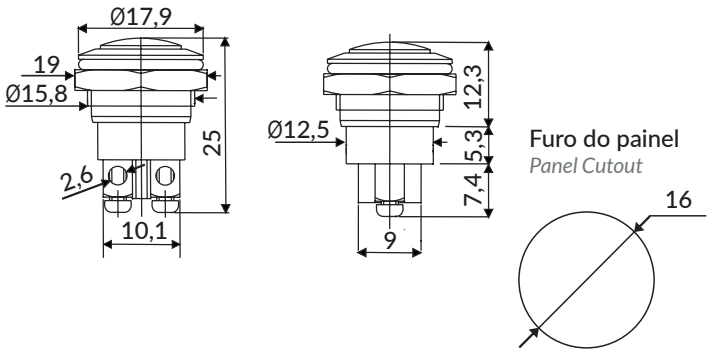




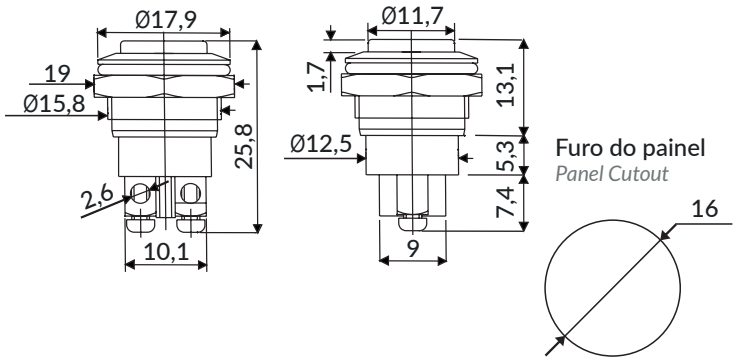
Furo do painel
Panel Cutout



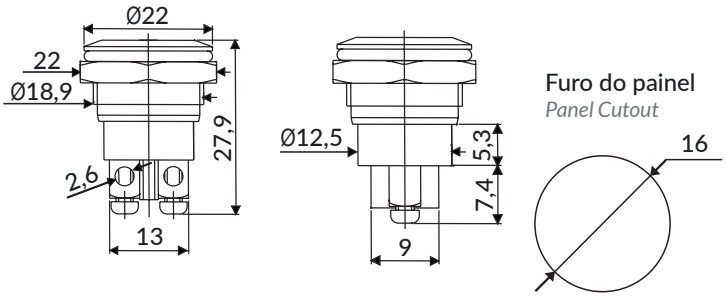
AV16BA



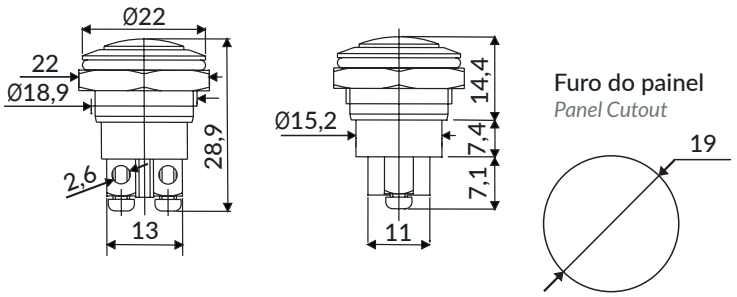
AV16HA



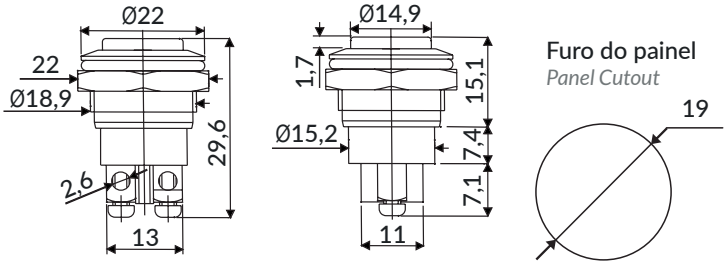
AV19FA



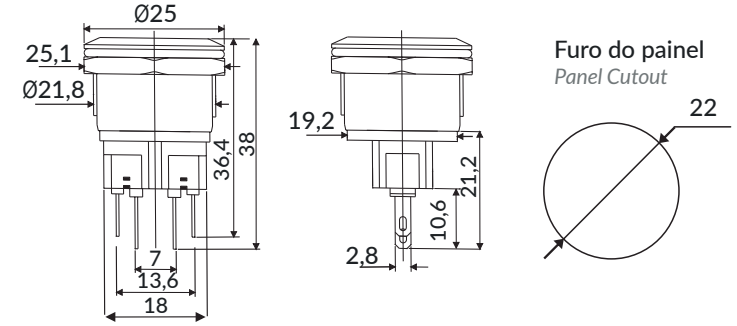
AV19BA



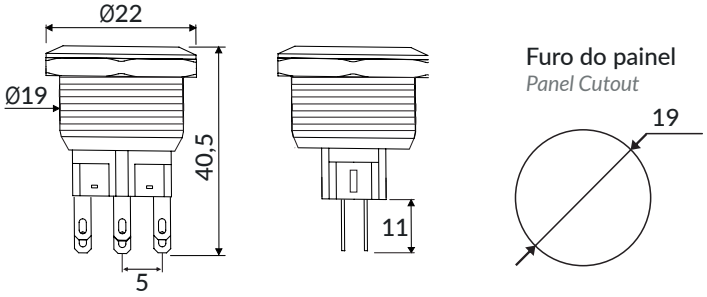
AV19HA



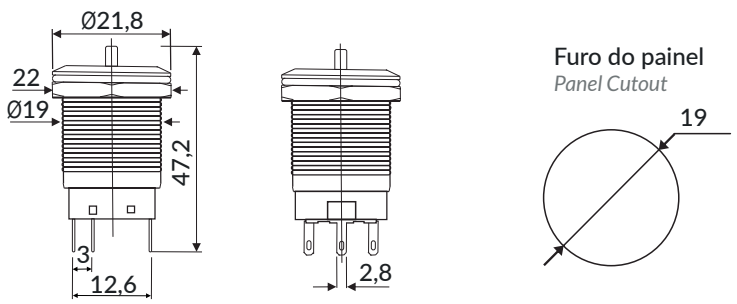
AV22FC



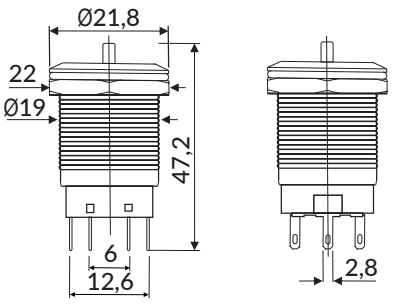
AV19R



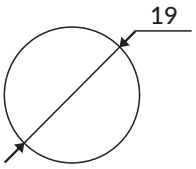
AV19S2



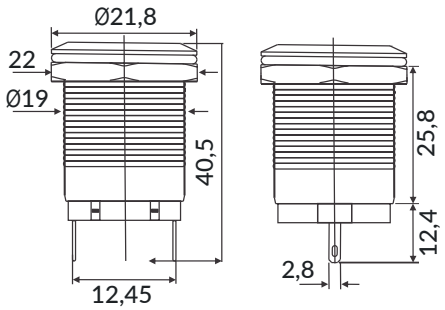
AV19S3



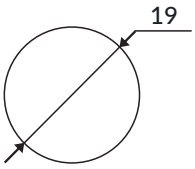
Furo do painel
Panel Cutout



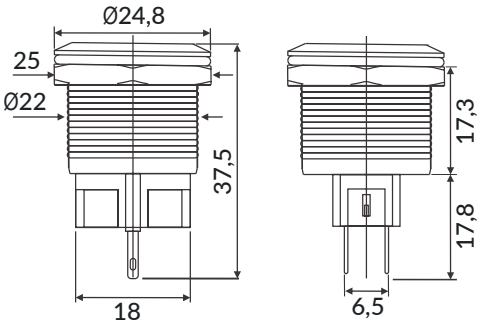
AV19P



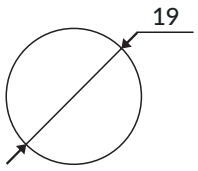
Furo do painel
Panel Cutout



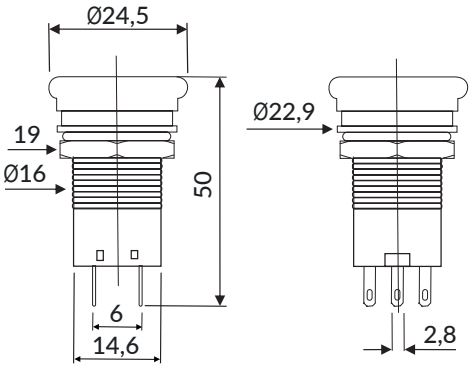
AV22P



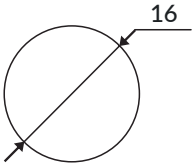
Furo do painel
Panel Cutout



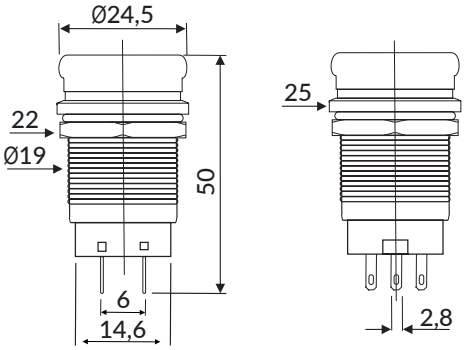
AV16-ER2



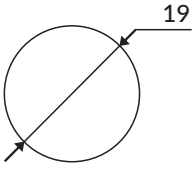
Furo do painel
Panel Cutout



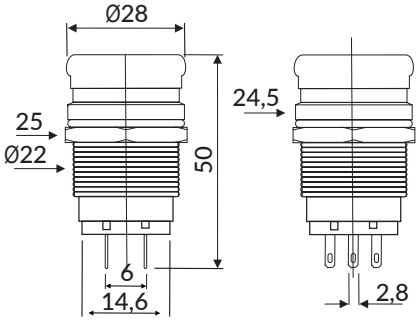
AV19-ER2



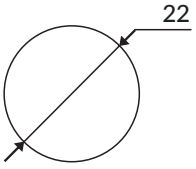
Furo do painel
Panel Cutout



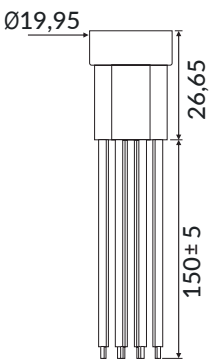
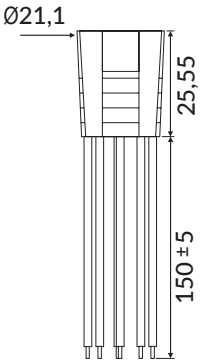
AV22-ER2



Furo do painel
Panel Cutout



ACESSÓRIOS / *ACCESSORIES*

Soquete para botões antivandalismo / *Socket for vandal resistant buttons*		
Modelos / *Models*	AV19-SQ 	AV22-SQ 
Indicado para modelo *Indicated for series*	AVP19IC - AV19IC - AVP19IR - AV19S - AV19R AV19P - AV19IR - AV19ER - AV16ER - AV22ER	AVP22IR - AV22FC - AV22P - AV22IR - AV22IC
Número de vias / *Number of terminals*	8	6
Comprimento do cabo / *Cable length*	15 cm	
Bitola do cabo / *Wire size*	20 AWG	
Material do corpo *Body material*	PA66	
Temperatura / *Temperature*	-20 ~ 55 °C	

Visite o site: metaltex.com.br e conheça a linha completa de comando e sinalização.
Visit site: metaltex.com.br and discover the complete line of command and signaling.