





CEWKI I AKCESORIA ELEKTRYCZNE





Orc	dering Code: EC-	04H-X-Y-Z					
	20.7						
				TE			۲ A
	Ø12	Length 430	mm	Weight:			0.14 kg
	Ø12	2.7		HEAT INSUL 356°F	ATION	CLASS (H: 180°C)
				Ambient temperature range:			
				-22+140)°F	(-30)+60°C)
	33.6			Available o Different Vol Different cor	on requ ltages - nnector	iest: rs.	
	While installing	g, please be sure		Inlet voltage exceed ± 10 obtain corre life of coils.	e fluctuo)% of no ect ope	ations m ominal v ration a	oust not oltage to nd long
UNI	the solenoid of the solenoid o	cartridge valve.	$\overline{\bigcirc}$	CE approve	d		
Χ	Powe	r (W)	Υ		Conn	ections	5
147	14.7 Watt.		C	DOUBLE LEAD)		
7	Voltage (V)	Resistance (S	2)	Curre	nt (A)		
_	Nominal	20~25 °C		Cold Coil	Hot	Coil	

7	voliage (v)	Resistance (52)	Colle	m (A)	
L	Nominal	20~25 °C	Cold Coil	Hot Coil	
Ε	12V DC	9.8±7%	1.22	0.83	
D	24V DC	39.3±7%	0.62	0.41	



Orc	dering Code:	EC-0	4W-X-Y-Z					
		48] 		 -
			21.5					
	A	İ						
			TE		CAL DA	ΤΑ		
	♥			Weight:			0.22 kg	
		Ø26			HEAT INSUL	ATION	CLASS	H:
		Ø 12.7			356 °F		((180°C)
	A A (Ambient te	empero	ature ro	ange:
					-22+140	D°F	(-30	C)+60°C)
38.5 36.1		Available on request: Different Voltages - Different connectors.						
	y yr				Inlet voltage exceed ± 10 obtain corre life of coils.	e fluctuo 0% of no ect ope	ations m ominal v ration c	nust not oltage to ind long
UNI	T:mm the	at this side is solenoid c	s toward to cartridge valve.	\bigcirc	CE approve	d		
Χ		Power	(W)	Υ	Connections			
200	20 Watt.			Η	DIN43650-IS0	04400		
	Voltage (V)	Resistance (Ω)	Curre	nt (A)		
Z	Nomina	<u>,</u> 	20~25 °C		Cold Coil	Hot	Coil	
С	24V RA0	С	23.2±7%		0.95	0	.63	
В	110V RAG	С	470±7%		0.19	0	.14	
Α	220V RAG	С	1910±7%		0.09	0	.07	
F	10V DC		5.0±8%		1.98	1	.28	
Ε	12V DC		7.5±7%		1.66	1	.06	
Μ	14V DC		9.3±7%		1.48	0	.96	
Ν	20V DC		20±7%		0.99	0	.65	
D	24V DC		28.6±7%		0.88	0	.53	
G	26V DC		34.2±7%		0.77	0	.52	
J	28V DC		39.2±7%		0.71	0	.50	
L	36V DC		64±7%		0.56	0	.36	
Η	48V DC		110±7%		0.45	0	.28	



Orc	lering Code:	EC-04W-X-Y-Z			Π
			TECHNIC	CAL DATA	
		ϕ_{26} Length	- 500 mm	Weight:	0.22 kg
ϕ_{26}				HEAT INSULATION CLASS H: 356°F (180°C)	
				Ambient tempero -22+140°F	ature range: (-30+60°C)
л Зр	36.1			Available on requ Different Voltages - Different connector	vest: rs.
	¥ ¥ While	installing, please be sure	+ 7	Inlet voltage fluctud exceed ± 10% of no obtain correct ope life of coils.	ations must not ominal voltage to ration and long
UNI	f:mm that the so	nis side is toward to lenoid cartridge valve.	\oplus \leftarrow	CE approved	
Χ		Power (W)	Y	Conn	ections
200	20 Watt.		С	DOUBLE LEAD	

7	Voltage (V)	Resistance (Ω)	Curre	nt (A)	
2	Nominal	20~25 °C	Cold Coil	Hot Coil	
F	10V DC	5.0±8%	1.98	1.28	
Ε	12V DC	7.5±7%	1.66	1.06	
Μ	14V DC	9.3±7%	1.48	0.96	
Ν	20V DC	20±7%	0.99	0.65	
D	24V DC	28.6±7%	0.88	0.53	
G	26V DC	34.2±7%	0.77	0.52	
J	28V DC	39.2±7%	0.71	0.50	
L	36V DC	64±7%	0.56	0.36	
Н	48V DC	110±7%	0.45	0.28	





7	Voltage (V)	Resistance (Ω)	Curre	nt (A)	
F	Nominal	20~25 °C	Cold Coil	Hot Coil	
F	10V DC	5.0±8%	1.98	1.28	
Ε	12V DC	7.5±7%	1.66	1.06	
Ν	20V DC	20±7%	0.99	0.65	
D	24V DC	28.6±7%	0.88	0.53	
G	26V DC	34.2±7%	0.77	0.52	
J	28V DC	39.2±7%	0.71	0.50	
L	36V DC	64±7%	0.56	0.36	
Н	48V DC	110±7%	0.45	0.28	



Orc	lering Code:	EC-04W-X-Y-Z			Π
36			•	TECHNIC Weight:	0.22 kg
Ţ		26 26 12.7		HEAT INSULATION 356°F	CLASS H: (180°C)
			9.	Ambient tempero -22+140°F	ature range: (-30+60°C)
38.5	36.1		47	Available on requ Different Voltages - Different connector	vest: rs.
¥	While ins	talling, please be sure		Inlet voltage flucture exceed ± 10% of no obtain correct ope life of coils.	ations must not ominal voltage to pration and long
UNI	f:mm that this s the solen	side is toward to (+) oid cartridge valve. +		CE approved	
Χ		Power (W)	Y	Conn	ections
200	20 Watt.		F	DEUTSCH DT04-2P(V)	

7	Voltage (V)	Resistance (Ω)	Curre	nt (A)	
_	Nominal	20~25 °C	Cold Coil	Hot Coil	
F	10V DC	5.0±8%	1.98	1.28	
Е	12V DC	7.5±7%	1.66	1.06	
Ν	20V DC	20±7%	0.99	0.65	
D	24V DC	28.6±7%	0.88	0.53	
G	26V DC	34.2±7%	0.77	0.52	
J	28V DC	39.2±7%	0.71	0.50	
L	36V DC	64±7%	0.56	0.36	
Н	48V DC	110±7%	0.45	0.28	



Orc	lering Code: EC	-04W-X-Y-Z			Π
			0		
	38			TECHNIC	CAL DATA
				Weight:	0.22 kg
	$ \begin{array}{c} $			HEAT INSULATION $356^{\circ}F$	CLASS H: (180°C)
				Ambient tempero -22+140°F	ature range: (-30+60°C)
	38.5 36.1		43	Available on requ Different Voltages - Different connector	vest: rs.
	While installing	a, please be sure	Y	Inlet voltage fluctua exceed ± 10% of no obtain correct ope life of coils.	ations must not ominal voltage to ration and long
UNI	f:mm that this side i the solenoid of	s toward to	[-]	CE approved	
Χ	Powe	er (W)	Υ	Conn	ections
200	20 Watt.		Κ	AMP SUPERSEAL (V)	

7	Voltage (V)	Resistance (Ω)	Curre	nt (A)	
2	Nominal	20~25 °C	Cold Coil	Hot Coil	
F	10V DC	5.0±8%	1.98	1.28	
Ε	12V DC	7.5±7%	1.66	1.06	
Ν	20V DC	20±7%	0.99	0.65	
D	24V DC	28.6±7%	0.88	0.53	
G	26V DC	34.2±7%	0.77	0.52	
J	28V DC	39.2±7%	0.71	0.50	
L	36V DC	64±7%	0.56	0.36	
Н	48V DC	110±7%	0.45	0.28	



Ordering Code: EC-04W-X-Y-Z-B			B CIRCUIT WITH \	/DR
			TECHNIC	CAL DATA
			Weight:	0.22 kg
¢26			HEAT INSULATION 356°F	CLASS H: (180°C)
ϕ_{26}			Ambient temper	ature range:
			-22+140 F	(-30+60 C)
	للر		Available on requ Different Voltages - Different connecto	Jest: rs.
While installing, please be sure that this side is toward to			Inlet voltage fluctud exceed ± 10% of no obtain correct ope life of coils.	ations must not ominal voltage to ration and long
			Recommend : For proportional valve application. Please use the coil without VDR	
UNIT:mm the solenoid cartridge valve.		$ \ \ $	CE approved	
χ Power (W)		Υ	Conn	ections
200 20 Watt.		Н	DIN43650-ISO4400	

Image: Second	Voltage (V)	Posistanco (O)	Current (A)	

-	Voltage (V)	Resistance (Ω)	Curre	Current (A)	
L	Nominal	20~25 °C	Cold Coil	Hot Coil	
D	24V DC	28.6±7%	0.88	0.53	
Η	48V DC	110±7%	0.45	0.28	



Ordering Code: EC-04W-X-Y-Z-B		B CIRCUIT WITH	/DR	
		TECHNIC	CAL DATA	
		Weight:	0.22 kg	
ϕ_{26} Length 500 mr	n	HEAT INSULATION	CLASS H:	
		356°F	(180℃)	
Ø26		Ambient temper	ature range:	
		-22+140°F	(-30+60°C)	
		Available on request: Different Voltages - Different connectors.		
38.7		Inlet voltage fluctuations must not exceed ± 10% of nominal voltage to obtain correct operation and long life of coils.		
While installing, please be sure		Recommend : For proportional valve application. Please use the coil without VDR		
UNIT:mm that this side is toward to the solenoid cartridge value. $(\textcircled{P}) \in$	-+	CE approved		
v Power (W)	Υ	Conr	ections	

Χ	Power (W)		Y	Connections		
200	20 Watt.		С	DOUBLE LEAD		

7	Voltage (V)	Resistance (Ω)	Voltage (V)Resistance (Ω)Current (A)			
L	Nominal	20~25 °C	Cold Coil	Hot Coil		
Н	48V DC	110±7%	0.45	0.28		



48 21.5 3 48 21.5 3 48 21.5 48 21.5 3 48 21.5 48 21.5 48 21.5 48 21.5 48 48 21.5 48 48 48 48 48 48 48 48
Image: Second system Image: Second system <th< th=""></th<>
Weight: 0.22 kg 0.22 kg 0.22 kg HEAT INSULATION CLASS H: 356°F (180°C) Ambient temperature range: $-22+140^{\circ}\text{F}$ (-30+60°C) Available on request: Different Voltages - Different connectors
$\begin{array}{c} 0 \\ 0 \\ 0 \\ 12.7 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ $
$\frac{0}{2}$
Ambient temperature range: -22+140°F (-30+60°C) Available on request: Different Voltages - Different connectors
Image: Second
Available on request: Different Voltages -
Different connectors.
While installing, please be sure
UNIT:mm that this side is toward to the solenoid cartridge valve. CE approved
χPower (W)ΥConnections
200 20 Watt. A AMP JUNIOR (L)

Z	Voltage (V)	Resistance (Ω)	Current (A)		
	Nominal	20~25 °C	Cold Coil	Hot Coil	
Ε	12V DC	7.5±7%	1.66	1.06	
D	24V DC	28.6±7%	0.88	0.53	
Η	48V DC	110±7%	0.45	0.28	



Ordering Code: EC-04W-X-Y-Z-B	B CIRCUIT WITH VDR			
68.2 59.5 48 21.5 3				
	2.	TECHNICAL DATA		
	•	Weight:	0.22 kg	
Ø26		HEAT INSULATION 356°F	CLASS H: (180°C)	
Ø 26	7.6	Ambient tempero -22+140°F	ature range: (-30+60°C)	
		Available on request: Different Voltages - Different connectors.		
		Inlet voltage fluctua exceed ± 10% of no obtain correct ope life of coils.	ations must not ominal voltage to tration and long	
While installing, please be sure		Recommend : For proportional va Please use the coil	lve application. without VDR	
UNII:mm the solenoid cartridge valve.		CE approved		
X Power (W)	Υ	Conn	ections	
200 20 Watt.	F	DEUTSCH DT04-2P(V)		

200	20 Watt.	F	DEUTSCH DT04-2P(V)	

7	Voltage (V)	Resistance (Ω)	Current (A)		
_	Nominal	20~25 °C	Cold Coil	Hot Coil	
G	26V DC	34.2±7%	0.77	0.52	
Н	48V DC	110±7%	0.45	0.28	



Ordering Code: EC-04W-X-Y-Z-B			B CIRCUIT WITH VDR				
63 59.5 48 21.5 3							
				T	TECHNICAL DATA		
				Weight:			0.22 kg
				HEAT INSUL 356°F	ATION	CLASS (H: 180°C)
				Ambient temperature range: -22+140°F (-30+60°C)			
			Available on request: Different Voltages - Different connectors.				
			4	Inlet voltage fluctuations must not exceed ± 10% of nominal voltage to obtain correct operation and long life of coils.			
While installing, please be sure that this side is toward to			Recommend : For proportional valve application. Please use the coil without VDR				
	Poy	vor (W)	V		Conn	oction	6
X 200	20 Watt.		K	AMP SUPERS	FAL (V)		5
7	Voltage (V)	Resistance (Ω	2)	Curre	nt (A)		
-	Nominal	20~25°C		Cold Coil	Hot	Coil	
Η	48V DC	110±7%		0.45	0.2	28	



Orc	lering Code: EC-04W	/-X-Y-Z-D500			
				TECHNI	CAL DATA
	⊄ 26 ►	AMP JUNIOR SUPERSEAL		Weight:	0.22 kg
	∞ 26			HEAT INSULATION 356°F	CLASS H: (180°C)
			Ambient temperature range:		
			-22+140°F	(-30+60°C)	
38.5	38.5			Available on request: Different Voltages - Different connectors.	
WIRE Length 500 mm While installing, please be sure that this side is toward to the solenoid cartridge valve.				Inlet voltage fluctuations must not exceed ± 10% of nominal voltage to obtain correct operation and long life of coils.	
UNI	[:mm			CE approved	
X	Power	· (W)	Υ	Connections	
200	20 Watt.		С	DOUBLE LEAD	
7	Voltage (V)	Resistance (Ω))	Current (A)	
L	Nominal	20~25 °C		Cold Coil Ho	t Coil

Z	volidge (v)	Resistance (52)	Colleni (A)		
	Nominal	20~25 °C	Cold Coil	Hot Coil	
Ε	12V DC	7.5±7%	1.66	1.06	
D	24V DC	28.6±7%	0.88	0.53	
J	28V DC	39.2±7%	0.71	0.50	



Ord	lering Code: EC-04W	/-X-Y-Z-A400		П	Π	
36				TECHNICAL DATA		
<u> </u>			R	Weight:	0.22 kg	
FEMALE HOUSING			HEAT INSULATION CLASS H: 356°F (180°C)			
				Ambient tempero -22+140°F	ature range: (-30+60°C)	
38.5 36.1				Available on request: Different Voltages - Different connectors.		
w th	wire wire installing, please be sure this side is toward to	Length 400mm		Inlet voltage fluctuations must not exceed ± 10% of nominal voltage to obtain correct operation and long life of coils.		
UNIT	e solenoid cartridge valve. :mm			CE approved		
X	Power	· (W)	Y	Conn	ections	
200	20 Waff.		C	DOUBLE LEAD		
Z	Voltage (V)	Resistance (Ω)	Current (A)	1	

7	Voltage (V)	Resistance (Ω)	Current (A)		
2	Nominal	20~25 °C	Cold Coil	Hot Coil	
Ε	12V DC	7.5±7%	1.66	1.06	
D	24V DC	28.6±7%	0.88	0.53	



Oro	ering Code: EC-04V	V-X-Y-Z-B200-B		B CIRCUIT	WITH \	/DR	
36							
				TE	CHNIC	AL DA	ΓΑ
	Ø26 PVC	COVER AMP JUNIC MALE HOUS	or Sing	Weight:			0.22 kg
φ26 _ ·				HEAT INSUL 356°F	ATION	CLASS	H: 180°C)
			Ambient temperature range: -22+140°F (-30+60°C)				
38.5 36.1				Available on request: Different Voltages - Different connectors.			
Wł tha the	WIRE Ler WIRE Ler at this side is toward to a solenoid cartridge valve.	ngth 200mm		Inlet voltage fluctuations must not exceed ± 10% of nominal voltage to obtain correct operation and long life of coils.			
UNIT	:mm	())	$\{\cdot\}$	CE approved			
X	Power	r (W)	Υ	Connections			
200	20 Watt.		С	DOUBLE L	EAD		
	Voltage (V)	Resistance (S	2)	Curre	nt (A)	1	
μ Ζ	Nominal	20~25°C	-	Cold Coil	Hot	Coil	
D	24V DC	28.6±7%		0.88	0.	53	
Η	48V DC	110±7%		0.45	0.	28	



Orc	dering Code: EC	-19A-X-Y-Z			П	
	337.8					
				TECHNICAL DATA		
		30.2		Weight:	0.2	24 kg
	Ø19	1		HEAT INSULATION $356^{\circ}F$	CLASS H: (180)°C)
				Ambient tempero	ature rang (-30+5	e: 0℃)
				Available on request: Different Voltages - Different connectors.		
				Inlet voltage fluctuations must not exceed ± 10% of nominal voltage to obtain correct operation and long life of coils.		
UNI	While installing that this side is the solenoid c	7 i, please be sure toward to artridge valve.		Connector Environ	ment Rating	g: IP65
X	Powe	er (W)	Υ	Conr	ections	-
220	22 Watt.		Н	DIN43650-ISO4400		
Z	Voltage (V) Nominal	Resistance (Ω) 20~25°C		Maximum Curre (Proportional Con	nt trol)	
E	12V DC	6.4±8%		1150 mA		
D	24V DC	26.2±5%		590 mA		



Orc	lering Code: EC	-19A-X-Y-Z		п.	П	
	35.4 8.2 8.2 8.2 9.5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					
				TECHNIC	CAL DATA	
				Weight:	0.2	23 kg
				HEAT INSULATION	CLASS H:	
	≠ Ø19.	0		356 °F	(180	D°C)
				Ambient temper	ature rang	e:
				-22+122°F	(-30+5	io°C)
	e.			Available on request: Different Voltages - Different connectors.		
	36.8			Inlet voltage fluctud exceed ± 10% of no obtain correct ope life of coils.	ations must ominal volta ration and	not ge to long
UNIT	While inst that this si the solen	alling, please be sure ide is toward to oid cartridge valve.	\square	Connector Environ	ment Rating	a: IP67
	Pow	or (W)		Connections		
X			I	Com		
220	22 Wall.		В	AMP JUNIOR TIMER (Vertical)		
	Voltage (V)	Resistance (O)		Maximum Curre		
Z	Nominal	20~25 °C		(Proportional Con	trol)	
Ε	12V DC	6.4±8%		1150 mA		
D	24V DC	26.2±5%		590 mA		



Orc	dering Code: EC	-19A-X-Y-Z			Π	
	38.1 8.2 8.2 9.2 9.2 9.2 9.2 9.2 9.2 9.2 9.2 9.2 9					
			¥	TECHNICAL DATA		
				Weight:	0.2	23 kg
	Ø 19.0			HEAT INSULATION $356^{\circ}F$	CLASS H: (180	D°C)
			-	Ambient tempero -22+122°F	ature rang (-30+5	e: 60℃)
	49.3			Available on request: Different Voltages - Different connectors.		
				Inlet voltage fluctuations must not exceed ± 10% of nominal voltage to obtain correct operation and long life of coils.		
UNI	While installing, that this side is the solenoid co I:mm	, please be sure toward to partridge valve.	$\overline{\left(\cdot \right)}$	Connector Environ	ment Rating	g: IP69K
X	Pow	er (W)	Y	Conn	ections	
220	22 Watt.		F	DEUTSCH DT04-2P (Vertical)		
Z	Voltage (V) Nominal	Resistance (Ω) 20~25°C		Maximum Curre (Proportional Cont	nt Irol)	
Е	12V DC	6.4±8%	1150 mA			
D	24V DC	26.2±5%	590 mA			



Orc	lering Code:	EC-19A-X-Y-Z					
Ø37.8				∏ 29.0	TECHNIC	CAL DATA	
¥		//		V	Weight:	0.2	24 kg
					HEAT INSULATION	CLASS H:	
		WIRE Length 50)0 mm		356°F	(180	°C)
	Ø19 ►				Ambient tempero	ature range	e:
					-22+122°F	(-30+5	0°C)
19.3	46.3 25.6 1000				Available on request: Different Voltages - Different connectors.		
					Inlet voltage fluctuations must no exceed ± 10% of nominal voltage obtain correct operation and Ion life of coils.		not ige to long
UNI	While installing, pleas that this side is toward the solenoid cartridge	e be sure d to e valve.	-(+)	{ -]	Connector Environ	mont Pating	n. 1045
			<u> </u>				J. II 05
X		Power (W)		Y	Conr	nections	
220	22 Watt.			D	DOUBLE LEAD (Vertical)		
	Voltaae (V)	Resistance	<u>(Ω)</u>		Maximum Curre	nt	
Z	Nominal	20~25 °C			(Proportional Con	trol)	
Ε	12V DC	6.4±8%			1150 mA		
D	24V DC	26.2±5%		590 mA			



Orc	lering Code: EC	-19A-X-Y-Z			Π	
	37.2					
				TECHNICAL DATA		
				Weight:	0.2	23 kg
	Ø 19.0	▶		HEAT INSULATION $356^{\circ}F$	CLASS H: (180	D°C)
				Ambient temper -22+122°F	ature rang (-30+5	ie: 50°C)
	49.3			Available on request: Different Voltages - Different connectors.		
				Inlet voltage fluctuations must not exceed ± 10% of nominal voltage to obtain correct operation and long life of coils.		
UNI	While installing, that this side is the solenoid co	please be sure toward to artridge valve.		Connector Environ	ment Rating	g: IP69K
X	Pow	er (W)	Υ	Conr	nections	
220	22 Watt.		M	METRIPACK Series 150-2M (Vertical)		
						1
Z	Voltage (V)	Resistance (Ω)		Maximum Curre	ent trol)	
F				1150 mA		
		0.4±0%		590 mA		
		ZU.Z-J/0		070 11/1		



Ordering Code: EC-19A-X-Y-Z-B				B CIRCUIT WITH VDR		
1	Ø37.8 29					
				TECHNIC	CAL DATA	
		30.2		Weight:	0.2	24 kg
				HEAT INSULATION	CLASS H:	
	Ø 19	•		356 °F	(180	°C)
				Ambient temper	ature rang	e:
				-22+122 °F	(-30+5	0°C)
0	0. 2.		Ī	Available on request: Different Voltages - Different connectors.		
	33.7			Inlet voltage fluctuations must not exceed ± 10% of nominal voltage to obtain correct operation and long life of coils.		
	While installin that this side	ng, please be sure	£	Recommend : For proportional valve application. Please use the coil without VDR		
UNII	:mm the solenoid	cartridge valve.		Connector Environi	ment Rating	g: IP65
X	Pov	ver (W)	Y	Conn	ections	
220	22 Watt.		Н	DIN43650-ISO4400		
Z	Voltage (V) Nominal	Resistance (Ω) 20~25°C		Maximum Curre (Proportional Cont	nt trol)	
E	12V DC	6.4±8%		1150 mA		
D	24V DC	26.2±5%		590 mA		



Orc	lering Code: EC-	19A-X-Y-Z-B		B CIRCUIT WITH VDR		
	8.	35.4				
				TECHNIC	CAL DATA	
				Weight:	0.2	23 kg
				HEAT INSULATION	CLASS H:	
	<i>∞</i> 19.	0		356°F	(180	D°C)
				Ambient temper	ature rang	e:
				-22+122°F	(-30+5	ю°С)
				Available on request: Different Voltages - Different connectors.		
	36.8			Inlet voltage fluctuations must not exceed ± 10% of nominal voltage to obtain correct operation and long life of coils.		
	♥ While insta that this si	alling, please be sure		Recommend : For proportional va Please use the coil	lve applicc without VD	ition. R
UNI	f:mm the solend	bid cartridge valve.	\subseteq	Connector Environment Rating: IP67		
X	Pow	er (W)	Υ	Conn	ections	
220	22 Watt.		В	AMP JUNIOR TIMER (Vertical)		
-	Voltage (V)	Resistance (Ω)		Maximum Curre	ent	
L _	Nominal	20~25 °C		(Proportional Con	trol)	
E	12V DC	6.4±8%		1150 mA		
D	24V DC	26.2±5%		590 mA		



Orc	dering Code:	EC-19A-X-Y-Z-B		B CIRCUIT WITH	VDR	
	38.1					
				TECHNIC	CAL DATA	
				Weight:	0.2	23 kg
	¢	19		HEAT INSULATION $356^{\circ}F$	CLASS H: (180)°C)
			T I	Ambient tempero -22+122°F	ature rang (-30+5	e: 0°C)
	37.9			Available on request: Different Voltages - Different connectors.		
				Inlet voltage fluctuations must not exceed ± 10% of nominal voltage to obtain correct operation and long life of coils.		
	While ir that thi the sole	nstalling, please be sure s side is toward to enoid cartridge valve.	,	Recommend : For proportional valve application. Please use the coil without VDR		
	I:mm	Ύ		Connector Environment Rating: IP69K		
X		Power (W)	Y	Conn		
220	22 Wall.		F	DEUTSCH DT04-2P (Vertical)		
7	Voltage (\	/) Resistance (Ω)		Maximum Curre	ent	
L	Nominal	20~25 °C	(Proportional Control)		trol)	
E	12V DC	6.4±8%	1150 mA			
D) 24V DC 26.2±5%			590 mA		



Orc	Ordering Code: EC-19A-X-Y-Z-B				B CIRCUIT WITH VDR		
Ø37.8			 29		TECHNIC	CAL DATA	
					Weight:	0.2	24 kg
					HEAT INSULATION	CLASS H:	
		WIRE Length 500 mm			356°F	(180	°C)
	Ø19 \				Ambient tempero	ature rang	e:
					-22+122°F	(-30+5	ю°С)
					Available on request: Different Voltages - Different connectors.		
					Inlet voltage fluctuations must not exceed ± 10% of nominal voltage to obtain correct operation and long life of coils.		
	While installing, please b that this side is toward to the solenoid cartridge vo	e sure alve.			Recommend : For proportional valve application. Please use the coil without VDR		
UNI	[:mm	()	\sub		Connector Environment Rating: IP65		
X	Po	wer (W)	Y		Conn	ections	
220	22 Watt.		C)	DOUBLE LEAD (Vertical)		
							1
Z	Voltage (V)	Resistance (Ω)			Maximum Curre	ent trol)	
F		20~23 C					
D	24V DC	26.2+5%	590 m				
_							



Orc	lering Code: EC	C-19A-X-Y-Z-B		B CIRCUIT WITH	VDR	
				TECHNICAL DATA		
				Weight:	0.2	23 kg
	<i>_</i> Ø19.	0		HEAT INSULATION 356°F	CLASS H: (180)°C)
				Ambient temper -22+122°F	ature rang (-30+5	e: 0°C)
	35			Available on request: Different Voltages - Different connectors.		
				Inlet voltage fluctuations must not exceed ± 10% of nominal voltage to obtain correct operation and long life of coils.		
	 While installi that this side the solenoic	ing, please be sure e is toward to d cartridge valve.	, 1	Recommend : For proportional vo Please use the coi	alve applice I without VE	ation. DR
UNI	:mm	Ψ		Connector Environ	ment Rating	g: IP69K
X	Po	ower (W)	Y		nections	
220	22 Watt.		M	Series 150-2M (Vertical)		
7	Voltage (V)	Resistance (Ω)		Maximum Curre	ent	
L	Nominal	20~25 °C		(Proportional con	trol)	
E	12V DC	6.4±8%		1150 mA		
D	24V DC	26.2±5%		590 mA		



Orc	lering Code:	EC-1	16B-X-Y-Z			П
	37.5					
			25		TECHNIC	CAL DATA
		44. Ø20			Weight:	0.24kg
		<u>↓</u> <u>↓</u> <u>↓</u> <u>↓</u> <u>↓</u> <u>↓</u> <u>↓</u> <u>↓</u>			$\begin{array}{c} \text{HEAT INSULATION} \\ 356^\circ\!\mathrm{F} \end{array}$	CLASS H: (180°C)
					Ambient tempero -22+122°F	ature range: (-30+50°C)
	20				Available on requ	Jest:
					Different Voltages - Different connecto	rs.
UNII	<u>بالجاري</u> ۲:mm	vhile installir nat this side ne solenoid	ng please be sure is toward to cartridge valve.		Inlet voltage flucture exceed ± 10% of no obtain correct ope life of coils.	ations must not ominal voltage to pration and long
X		Power	(W)	Υ	Conr	ections
260	26 Watt.			Н	DIN43650-ISO4400	
7	Voltage (V)	Resistance (Ω)	Current (A)	

Z	Voltage (V)	Resistance (Ω)	Curre	Current (A)		
	Nominal	20~25 °C	Cold Coil	Hot Coil		
В	110V RAC	370±7%	0.25	0.17		
Α	220V RAC	1410±7%	0.12	0.09		
Ε	12V DC	5.5±7%	2.05	1.43		
D	24V DC	21.0±7%	1.10	0.75		





Z	Voltage (V)	Resistance (Ω)	Current (A)		
	Nominal	20~25 °C	Cold Coil	Hot Coil	
Ε	12V DC	5.5±7%	2.05	1.43	
D	24V DC	21.0±7%	1.10	0.75	



Ordering Code: EC-16	B-X-Y-Z			П		
37.5		Ī				
		<u> </u>	TECHNIC	CAL DATA		
57.7 Ø20			Weight:	0.24 kg		
			HEAT INSULATION $356^{\circ}F$	CLASS H: (180℃)		
			Ambient temperature range: -22+122°F (-30+50°C)			
	20 50			Available on request: Different Voltages - Different connectors.		
While installing; please by that this side is toward to the solenoid cartridge vo	pe sure alve.	7+7	Inlet voltage fluctud exceed ± 10% of no obtain correct ope life of coils.	ations must not ominal voltage to ration and long		
X Power (V	W)	Y	Conn	ections		
260 26 Watt.		Α	AMP JUNIOR (L)			
_ Voltage (V)	Resistance (Ω)		Current (A)	·		

7	Voltage (V)	Resistance (Ω)	Current (A)		
-	Nominal	20~25 °C	Cold Coil	Hot Coil	
Ε	12V DC	5.5±7%	2.05	1.43	
D	24V DC	21.0±7%	1.10	0.75	



Order	ing Code: EC	-16B-X-Y-Z			
37.5			22.5		
_	25	;	¥	TECHNIC	CAL DATA
		7	-	Weight:	0.25 kg
			Î	HEAT INSULATION 356°F	CLASS H: (180°C)
0		27.88	2	Ambient tempero -22+122°F	ature range: (-30+50°C)
2		28.5		Available on requ Different Voltages - Different connecto	vest: rs.
	While installing, plea that this side is towo the solenoid cartric	ase be sure ard to ge valve.		Inlet voltage fluctud exceed ± 10% of no obtain correct ope life of coils.	ations must not ominal voltage to ration and long
X	Powe	er (W)	Υ	Conn	ections
260	26 Watt.		F	DEUTSCH DT04-2P (V)	
	Voltage (V)	Pesistance	(0)	Current (A)	

7	Voltage (V)	Resistance (Ω)	Curre	Current (A)	
L	Nominal	20~25 °C	Cold Coil	Hot Coil	
Ε	12V DC	5.5±7%	2.05	1.43	
D	24V DC	21.0±7%	1.10	0.75	



Ordering Code: EC-16B-X-Y-Z			
	T.		
44.5	L) mm	TECHNIC	CAL DATA
49.5		Weight:	0.24 kg
		HEAT INSULATION 356°F	CLASS H: (180℃)
		Ambient temperature range: -22+122°F(-30+50°C)	
		Available on requ Different Voltages - Different connector	vest: rs.
While installing, please be sure that this side is toward to the solenoid cartridge valve.	$\overline{\left\{ \cdot \right\}}$	Inlet voltage fluctud exceed ± 10% of no obtain correct ope life of coils.	ations must not ominal voltage to ration and long
X Power (W)	Υ	Conn	ections
260 26 Watt.	С	DOUBLE LEAD (L)	

7	Voltage (V)	/oltage (V)Resistance (Ω)Current (A)	Current (A)			
-	Nominal	20~25 °C	Cold Coil	Hot Coil		
Ε	12V DC	5.5±7%	2.05	1.43		
D	24V DC	21.0±7%	1.10	0.75		





7	Voltage (V)	Resistance (Ω)	Maximum Current	
2	Nominal	20~25 °C	(Proportional Control)	
Ε	12V DC	2.5±7%	2600 mA	
D	24V DC	19.2±7%	940 mA	



Orc	lering Code: EC -	23C-X-Y-Z			П	П	
39.5							
				TE	CHNIC	AL DA	ΓΑ
				Weight:			0.35 kg
				HEAT INSULA 356°F	ATION	CLASS (H: 180℃)
	4			Ambient te -22+140	mperc °F	iture rc (-30	inge:)+60℃)
	20	37.3		Available o Different Vol Different cor	n requ tages - nnector	est: s.	
	While installing 'r			Inlet voltage exceed ± 10 obtain corre life of coils.	fluctuc % of no ct oper	ations m minal v ation a	oust not oltage to nd long
UNI	that this side is to the solenoid car	tridge valve.		Connector E	nvironr	nent Rc	iting: IP67
Χ	Rating Pc	ower (W)	Y		Conn	ection	5
300	30 Watt.		В	AMP JUNIOR TI	MER(V)		
Z	Voltage (V)	Resistance (Ω))	Maximum (Proportion)	n Curre	nt trol)	
E				0/00			
		Z.Jエ/ ½ 10 2+70/		2000	mA		
				740			
				Currer	nt (A)		
				Cold Coil	Hot	Coil	

71±7%

0.66

0.44

Н

48V DC



Orc	dering Code: EC-04H	I-X-Y-Z-D300			Π	П	
33	20.7						
Ø			TECHNICAL DATA				
	Ø12.7		Weight:			0.14 kg	
			HEAT INSULATION CLASS H: $356^{\circ}F$ (180°C)				
		Ambient temperature range: -22+140°F (-30+60°C)			ange: 0+60℃)		
		Available on request: Different Voltages - Different connectors.					
Whi that the	WIRE WIRE WIRE this side is toward to solenoid cartridge valve.	Inlet voltage fluctuations must not exceed ± 10% of nominal voltage to obtain correct operation and long life of coils.					
UNI	T:mm		CE approved				
X	Powe	Connections					
147	14.7 Watt.			DOUBLE LEAD			
	Voltage (V) Resistance (C			Current (A)			
Z	Nominal	20~25 °C		Cold Coil Hot		Coil	
E	12V DC	9.8±7%		1.22	0.83		
D	24V DC 39.3±7%			0.62	0.41		





Rev.120103

H.201.101

DIN 43650 CONNECTORS (CIRCUIT WITH FULL WAVE RECTIFIER)



DIN 43650 CONNECTORS (STANDARD CIRCUIT)





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