Demande de Température (Read – Nombre de 2 Octets en virgule flottante)

L_Data.Req ETS5 ⇨ IP/KNX

Header Length	Protol Version	Service Type		Total Length		Structure Length	Comm. Chanel	Sequence Counter	reserved	messagecode		Control Field 1	Control Field 2	Source add		Destination Add		Compt Longueur	Data			
06	10	04	20	00	15	04	44	01	00	11	00	bc	e0	00	00	30	01	01	00	00		
		Tunneling Request		21 octets		4 octets	68			L_Data Req	add info length					0011 0000 0000 0001 6/0/1						
Trame sur TP												BC		00	00	30	01	E1 1 groupe 110 cpt 0001 nb	00 00 00xxxx UDP 0000 Group. Read 000000 : data		CRC	

ACK ETS5 ⇦ IP/KNX

Header Length	Protol Version	Service Type		Total Length		Structure Length	Comm. Chanel	Sequence Counter	reserved	messagecode		Control Field 1	Control Field 2	Source add		Destination Add		Compt Longueur	Data			
06	10	04	21	00	0a	04	44	01	00													
		Tunneling ACK		10 octets		4 octets	68															

L_Data.con ETS5 ⇦ IP/KNX

Header Length	Protol Version	Service Type		Total Length		Structure Length	Comm. Chanel	Sequence Counter	reserved	messagecode		Control Field 1	Control Field 2	Source add		Destination Add		Compt Longueur	Data			
06	10	04	20	00	15	04	44	02	00	2e	00	bc	e0	11	0a	30	01	01	00	00		
		Tunneling Request		21 octets		4 octets	68			L_Data con	add info length			0001 0001 0000 1010 1.1.10		0011 0000 0000 0001 6/0/1						
Trame sur TP												BC		11 0a Adres. passerelle		30	01	E1 1 groupe 110 cpt 0001 nb	00 00 00xxxx UDP 0000 Group. Read 000000 : data		CRC	

ACK ETS5 ⇨ IP/KNX

Header Length	Protol Version	Service Type		Total Length		Structure Length	Comm. Chanel	Sequence Counter	reserved	messagecode		Control Field 1	Control Field 2	Source add		Destination Add		Compt Longueur	Data			
06	10	04	21	00	0a	04	44	02	00													
		Tunneling ACK		10 octets		4 octets	68															

L_Data.ind ETS5 ⇦ IP/KNX

Header Length	Protol Version	Service Type		Total Length		Structure Length	Comm. Chanel	Sequence Counter	reserved	messagecode		Control Field 1	Control Field 2	Source add		Destination Add		Compt Longueur	Data			
06	10	04	20	00	17	04	44	03	00	29	00	bc	e0	11	07	30	01	03	00	40	0c	4c
		Tunneling Request		23 octets		4 octets	68			L_Data ind	add info length			0001 0001 0000 0111 1/1/7		0011 0000 0000 0001 6/0/1						
Trame sur TP (CRC à ajouter)												BC		11 07 Adresse Capteur		30	01	E3 1 groupe 110 cpt 0011 nb	00 40 00xxxx UDP 0001xxxxxx APCI Group. Val. Reponse		0c 4c Température = 22°C	

ACPI : 0000 Groupe Value Read – ACPI 0010 : Groupe Value Write – ACPI : 0001 : Groupe Value Reponse

ACK ETS5 ⇨ IP/KNX

Header Length	Protol Version	Service Type		Total Length		Structure Length	Comm. Chanel	Sequence Counter	reserved	messagecode		Control Field 1	Control Field 2	Source add		Destination Add		Compt Longueur	Data			
06	10	04	21	00	0a	04	44	03	00													
		Tunneling ACK		10 octets		4 octets	68															

Commande de lampe (write – 1 bit)

L_Data.Req ETS5 ⇨ IP/KNX

Header Length	Protol Version	Service Type		Total Length		Structure Length	Comm. Chanel	Sequence Counter	reserved	messagecode		Control Field 1	Control Field 2	Source add		Destination Add		Compt Longueur	Data			
06	10	04	20	00	15	04	66	01	00	11	00	bc	e0	00	00	30	00	01	00	81		
		Tunneling Request		21 octets		4 octets	102			L_Data Req	add info length					0011 0000 0000 0000 6/0/0						
Trame sur TP												BC		00	00	30	00	E1 1 groupe 110 cpt 0001 nb	00 00xxxx UDP 0010 Group. Write 000001 : data	81	CRC	

ACK ETS5 ⇦ IP/KNX

Header Length	Protol Version	Service Type		Total Length		Structure Length	Comm. Chanel	Sequence Counter	reserved	messagecode		Control Field 1	Control Field 2	Source add		Destination Add		Compt Longueur	Data			
06	10	04	21	00	0a	04	66	01	00													
		Tunneling ACK		10 octets		4 octets	102															

L_Data.con ETS5 ⇦ IP/KNX

Header Length	Protol Version	Service Type		Total Length		Structure Length	Comm. Chanel	Sequence Counter	reserved	messagecode		Control Field 1	Control Field 2	Source add		Destination Add		Compt Longueur	Data			
06	10	04	20	00	15	04	66	02	00	2e	00	bc	e0	11	fa	30	00	01	00	81		
		Tunneling Request		21 octets		4 octets	102			L_Data con	add info length			0001 0001 1111 1010 1.1.250		0011 0000 0000 0001 6/0/0						
Trame sur TP												BC		11 fa adresse passerelle		30	00	E1 1 groupe 110 cpt 0001 nb	00 00xxxx UDP 0010 Group. Write 000001 : data	81	CRC	

ACK ETS5 ⇨ IP/KNX

Header Length	Protol Version	Service Type		Total Length		Structure Length	Comm. Chanel	Sequence Counter	reserved	messagecode		Control Field 1	Control Field 2	Source add		Destination Add		Compt Longueur	Data			
06	10	04	21	00	0a	04	66	02	00													
		Tunneling ACK		10 octets		4 octets	102															

Demande d'état d'une lampe (si read acceptée – 1bit)

L_Data.Req ETS5 ⇨ IP/KNX

Header Length	Protol Version	Service Type		Total Length		Structure Length	Comm. Chanel	Sequence Counter	reserved	messagecode		Control Field 1	Control Field 2	Source add		Destination Add		Compt Longueur	Data			
06	10	04	20	00	15	04	44	01	00	11	00	bc	e0	00	00	30	01	01	00	00		
		Tunneling Request		21 octets		4 octets	68			L_Data Req	add info length					0011 0000 0000 0001 6/0/1						
Trame sur TP												BC		00	00	30	01	E1 1 groupe 110 cpt 0001 nb	00 00 00xxxx UDP 0000 Group. Read 000000 : data		CRC	

ACK ETS5 ⇦ IP/KNX

Header Length	Protol Version	Service Type		Total Length		Structure Length	Comm. Chanel	Sequence Counter	reserved	messagecode		Control Field 1	Control Field 2	Source add		Destination Add		Compt Longueur	Data			
06	10	04	21	00	0a	04	44	01	00													
		Tunneling ACK		10 octets		4 octets	68															

L_Data.con ETS5 ⇦ IP/KNX

Header Length	Protol Version	Service Type		Total Length		Structure Length	Comm. Chanel	Sequence Counter	reserved	messagecode		Control Field 1	Control Field 2	Source add		Destination Add		Compt Longueur	Data			
06	10	04	20	00	15	04	44	02	00	2e	00	bc	e0	11	0a	30	01	01	00	00		
		Tunneling Request		21 octets		4 octets	68			L_Data con	add info length			0001 0001 0000 1010 1.1.10		0011 0000 0000 0001 6/0/1						
Trame sur TP												BC		11 0a Add passerelle		30	01	E1 1 groupe 110 cpt 0001 nb	00 00 00xxxx UDP 0000 Group. Read 000000 : data		CRC	

ACK ETS5 ⇨ IP/KNX

Header Length	Protol Version	Service Type		Total Length		Structure Length	Comm. Chanel	Sequence Counter	reserved	messagecode		Control Field 1	Control Field 2	Source add		Destination Add		Compt Longueur	Data			
06	10	04	21	00	0a	04	44	02	00													
		Tunneling ACK		10 octets		4 octets	68															

L_Data.ind ETS5 ⇦ IP/KNX

Header Length	Protol Version	Service Type		Total Length		Structure Length	Comm. Chanel	Sequence Counter	reserved	messagecode		Control Field 1	Control Field 2	Source add		Destination Add		Compt Longueur	Data			
06	10	04	20	00	15	04	44	03	00	29	00	bc	e0	11	01	30	01	01	00	41	crc	
		Tunneling Request		21 octets		4 octets	68			L_Data ind	add info length			0001 0001 0000 0111 1/1/1		0011 0000 0000 0001 6/0/1						
Trame sur TP (CRC à ajouter)												BC		11 01 Adresse Actionneur		30	01	E3 1 groupe 110 cpt 0001 nb	00 41 00xxxx UDP 0001 Group. Reponse 000001 : data			

ACPI : 0000 Groupe Value Read – ACPI 0010 : Groupe Value Write – ACPI : 0001 : Groupe Value Reponse

ACK ETS5 ⇨ IP/KNX

Header Length	Protol Version	Service Type		Total Length		Structure Length	Comm. Chanel	Sequence Counter	reserved	messagecode		Control Field 1	Control Field 2	Source add		Destination Add		Compt Longueur	Data			
06	10	04	21	00	0a	04	44	03	00													
		Tunneling ACK		10 octets		4 octets	68															

Commande de variateur (write – 1 octet – 0 à 100% - 0=0% 0xFF=100%)

L_Data.Req ETS5 ⇨ IP/KNX

Header Length	Protol Version	Service Type		Total Length		Structure Length	Comm. Chanel	Sequence Counter	reserved	messagecode		Control Field 1	Control Field 2	Source add		Destination Add		Compt Longueur	Data			
06	10	04	20	00	16	04	66	01	00	11	00	bc	e0	00	00	30	01	02	00	80	1a	
		Tunneling Request		22 octets		4 octets	102			L_Data Req	add info length					0011 0000 0000 0000 6/0/1						
Trame sur TP												BC		00	00	30	01	E2 1 groupe 110 cpt 0010 nb	00 00xxxx UDP 0010 Group. Write	80	data 1a =10% 1a/ff 26/255	

ACK ETS5 ⇦ IP/KNX

Header Length	Protol Version	Service Type		Total Length		Structure Length	Comm. Chanel	Sequence Counter	reserved	messagecode		Control Field 1	Control Field 2	Source add		Destination Add		Compt Longueur	Data			
06	10	04	21	00	0a	04	66	01	00													
		Tunneling ACK		10 octets		4 octets	102															

L_Data.con ETS5 ⇦ IP/KNX

Header Length	Protol Version	Service Type		Total Length		Structure Length	Comm. Chanel	Sequence Counter	reserved	messagecode		Control Field 1	Control Field 2	Source add		Destination Add		Compt Longueur	Data			
06	10	04	20	00	16	04	66	02	00	2e	00	bc	e0	11	fa	30	01	02	00	80	1a	
		Tunneling Request		22 octets		4 octets	102			L_Data con	add info length			0001 0001 1111 1010 1.1.250		0011 0000 0000 0001 6/0/1						
Trame sur TP												BC		11 fa adresse passerelle		30	01	E1 1 groupe 110 cpt 0010 nb	00 00xxxx UDP 0010 Group. Write	81	data 10% 26/255	

ACK ETS5 ⇨ IP/KNX

Header Length	Protol Version	Service Type		Total Length		Structure Length	Comm. Chanel	Sequence Counter	reserved	messagecode		Control Field 1	Control Field 2	Source add		Destination Add		Compt Longueur	Data			
06	10	04	21	00	0a	04	66	02	00													
		Tunneling ACK		10 octets		4 octets	102															

Lecture de variateur (read – 1 octet – 0 à 100% - 0=0% 0xFF=100%)

L_Data.Req ETS5 ⇨ IP/KNX

Header Length	Protol Version	Service Type		Total Length		Structure Length	Comm. Chanel	Sequence Counter	reserved	messagecode		Control Field 1	Control Field 2	Source add		Destination Add		Compt Longueur	Data			
06	10	04	20	00	15	04	44	01	00	11	00	bc	e0	00	00	30	01	01	00	00		
		Tunneling Request		21 octets		4 octets	68			L_Data Req	add info length					0011 0000 0000 0001 6/0/1						
Trame sur TP												BC		00	00	30	01	E1 1 groupe 110 cpt 0001 nb	00 00 00xxxx UDP 0000 Group. Read 000000 : data		CRC	

ACK ETS5 ⇦ IP/KNX

Header Length	Protol Version	Service Type		Total Length		Structure Length	Comm. Chanel	Sequence Counter	reserved	messagecode		Control Field 1	Control Field 2	Source add		Destination Add		Compt Longueur	Data			
06	10	04	21	00	0a	04	44	01	00													
		Tunneling ACK		10 octets		4 octets	68															

L_Data.con ETS5 ⇦ IP/KNX

Header Length	Protol Version	Service Type		Total Length		Structure Length	Comm. Chanel	Sequence Counter	reserved	messagecode		Control Field 1	Control Field 2	Source add		Destination Add		Compt Longueur	Data			
06	10	04	20	00	15	04	44	02	00	2e	00	bc	e0	11	fa	30	01	01	00	00		
		Tunneling Request		21 octets		4 octets	68			L_Data con	add info length			0001 0001 1111 1010 1.1.250		0011 0000 0000 0001 6/0/1						
Trame sur TP												BC		11 fa Add passerelle		30	01	E1 1 groupe 110 cpt 0001 nb	00 00 00xxxx UDP 0000 Group. Read 000000 : data		CRC	

ACK ETS5 ⇨ IP/KNX

Header Length	Protol Version	Service Type		Total Length		Structure Length	Comm. Chanel	Sequence Counter	reserved	messagecode		Control Field 1	Control Field 2	Source add		Destination Add		Compt Longueur	Data			
06	10	04	21	00	0a	04	44	02	00													
		Tunneling ACK		10 octets		4 octets	68															

L_Data.ind ETS5 ⇦ IP/KNX

Header Length	Protol Version	Service Type		Total Length		Structure Length	Comm. Chanel	Sequence Counter	reserved	messagecode		Control Field 1	Control Field 2	Source add		Destination Add		Compt Longueur	Data			
06	10	04	20	00	16	04	44	03	00	29	00	bc	e0	11	01	30	01	02	00	40	80	
		Tunneling Request		22 octets		4 octets	68			L_Data ind	add info length			0001 0001 0000 0111 1/1/1		0011 0000 0000 0001 6/0/1						
Trame sur TP (CRC à ajouter)												BC		11 01 Adresse Actionneur		30	01	E3 1 groupe 110 cpt 0010 nb	00 40 00xxxx UDP 0001 Group. Reponse 000000		data 80 = 50% 128/255	

ACPI : 0000 Groupe Value Read – ACPI 0010 : Groupe Value Write – ACPI : 0001 : Groupe Value Reponse

ACK ETS5 ⇨ IP/KNX

Header Length	Protol Version	Service Type		Total Length		Structure Length	Comm. Chanel	Sequence Counter	reserved	messagecode		Control Field 1	Control Field 2	Source add		Destination Add		Compt Longueur	Data			
06	10	04	21	00	0a	04	44	03	00													
		Tunneling ACK		10 octets		4 octets	68															