



Application area	Categorie	Order number
Facility Automation / Smart Living	Lightmanagement	DimME 1 KNX 4260220541165 DimME 2 KNX 4260220541189 DimME 4 KNX 4260220541202 DimME 6 KNX 4260220541226

DimME KNX



This KNX trailing edge dimmer for capacitive loads offers easy control for up to six independent lighting zones with ten scenes each. preussen automation offers this dimmer in 4 different versions – with 1, 2, 4 and 6 channels. The dimming speed can be controlled for each scene individual. Moreover the dimming time can be splitted per several channels, so all connected lighting fixtures can reach the desired brightness level at the same time – even from different base values. According to the fixture's attributes the dimming characteristic can be applied via programming software.

types:

DimME 1 KNX
DimME 2 KNX
DimME 4 KNX
DimME 6 KNX

Functions
trailing edge dimmer
intelligent over heating protection
scene controller and scene dimmer
low threshold, high threshold and maximum threshold available to suit different loads of each channel
sequence controller
heating actuator function
staircase function
on and off switch delay function
memory function
warning function
fade time

Technical data

Power supply	
Input:	AC 110V - 220V 50Hz/60Hz(Screwing terminal)
Consumption in work:	30 mA
Physical connections	
Input:	DC 24 V (KNX bus power)
Output:	for cable up to 2,5 mm ² , bistabile relays with isolated contacts (230V, 50/60Hz)
Connection:	KNX bus-clamp (red/grey) 0,8 mm ²
Outputs DimME 1 KNX:	1ch, 1600 W, max 6A/ch
Outputs DimME 2 KNX:	2ch, 800 W, max 3A/ch
Outputs DimME 4 KNX:	4ch, 400 W, max 1,5A/ch
Outputs DimME 6 KNX:	6ch, 250 W, max 1A/ch
Electrical safety	
Protection category:	Indoor use only
Protection class:	IP 20
Fuse:	6A
Display	
Status LED for each channel	
Controls	
buttons for manual handling	
Programming	
ETS4 (downward compatible)	
Adressing:	MAC & Digital
Communication	
Kind:	KNX
Construction	
Body material:	Plastic black
Mounting:	35mm rail mounting DIN EN 60715
Environmental conditions	
Working temperature:	-5°C ~ +45°C
Storage temperature:	-25°C ~ +55°C
Relative humidity:	max. 95%
Certification	
<ul style="list-style-type: none"> • KNX • LVD Standard EN60669-2-1, EN60669-1 • EMC Standard EN50090-2-2 	

Size	Package size	Product weight	Transport weight
DimME 1 KNX: 90 x 144 x 64 / REG 8 TE	DimME 1 KNX: 105 x 170 x 120 mm	DimME 1 KNX: 260g	DimME 1 KNX: 310g
DimME 2 KNX: 90 x 216 x 64 / REG 12 TE	DimME 2 KNX: 120 x 245 x 105 mm	DimME 2 KNX: 490g	DimME 2 KNX: 540g
DimME 4 KNX: 90 x 216 x 64 / REG 12 TE	DimME 4 KNX: 120 x 245 x 105 mm	DimME 4 KNX: 490g	DimME 4 KNX: 540g
DimME 6 KNX: 90 x 216 x 64 / REG 12 TE	DimME 6 KNX: 120 x 245 x 105 mm	DimME 6 KNX: 740g	DimME 6 KNX: 790g