

Item	Qty	Description of products and services	Price per unit	Amount
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	Light Switch/Dim Actuator, 8-fold, 16 A, MDRC Device for switching and dimming of eight independent groups of luminaries with electronic ballasts, dimmers or transformers with 1 – 10 V control input. The dimming control per outputs carried out with two control wires. Maximum control load per channel is 100 mA. The Switch/Dim Actuator needs only EIB / KNX bus voltage for normal function. With eight potential free relays the supply voltage of the ballasts and consequently the luminaries can be switched on and off over ABB i-Bus® or manually without any auxiliary supply. Contact position is displayed. The following functions can be set separately for each channel: - switching and dimming of lighting - feedback of switching state and brightness value - different adjustable dimming speeds for dimming and setting brightness - adjustable upper and lower dimming limits - recall and set of up to 18 light scenes (8-bit commands) per channel - 4 presets (1-bit commands) per channel - integration in constant lighting control (“slave mode”) - forced operation with higher priority - staircase lighting function with adjustable staircase lighting time and warning before switching off - disable function to prevent unauthorised operation - characteristic curve adjustment to adapt ballast brightness characteristic <table><tr><td>Outputs (Channel)</td><td>8, floating contacts for switched phase 8, control channel 1 – 10 V (passive)</td></tr><tr><td>Nominal voltage</td><td>230/440V V AC</td></tr><tr><td>Switching capacity</td><td>16 A/AC 1 (ohmic load, acc. IEC 60947) 10 AX (Fluorescent lighting load acc. IEC 60669)</td></tr><tr><td>Control current</td><td>max. 100 mA per channel</td></tr><tr><td>Connection</td><td>Screw terminals</td></tr><tr><td>Bus connection</td><td>Bus connection terminal</td></tr><tr><td>Type of protection</td><td>IP 20, EN 60 529</td></tr><tr><td>Installation</td><td>on 35 mm mounting rail, DIN EN 60 715</td></tr><tr><td>Width</td><td>8 modules at 18 mm</td></tr><tr><td>Manufacturer</td><td>ABB</td></tr><tr><td>Type</td><td>SD/S 8.16.1</td></tr><tr><td>Material:</td><td>Labour: ...</td></tr></table>	Outputs (Channel)	8, floating contacts for switched phase 8, control channel 1 – 10 V (passive)	Nominal voltage	230/440V V AC	Switching capacity	16 A/AC 1 (ohmic load, acc. IEC 60947) 10 AX (Fluorescent lighting load acc. IEC 60669)	Control current	max. 100 mA per channel	Connection	Screw terminals	Bus connection	Bus connection terminal	Type of protection	IP 20, EN 60 529	Installation	on 35 mm mounting rail, DIN EN 60 715	Width	8 modules at 18 mm	Manufacturer	ABB	Type	SD/S 8.16.1	Material:	Labour: ...	Carry:	
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