

# DST multi-button pendant switch

for control of hoists, machines and systems



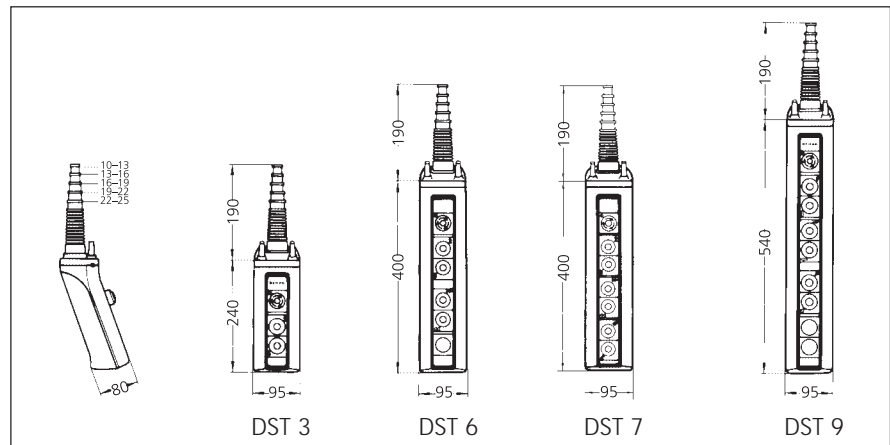
# DST control pendant switch

## Direct-on-line or contactor control, high switching capacity, 4 sizes, ergonomically styled housing

DST multi-button control pendant switches are mainly used for the control of handling equipment where a number of drive units are included.

- The sloping housing of the pendant switch permits operators to work in a natural position, reducing their fatigue
- Easy operation due to ergonomically styled housing
- Industrial design award
- Single row of 3, 6, 7 or 9 openings, dia. 22.5 mm, for push-buttons and special accessories.
- Up to 18 openings (in two rows) can be obtained by coupling two DST 6, 7 or 9 pendant switches together
- The DST-Ex sizes 3, 7 and 9 can be used for intrinsically safe circuits.
- Wall bracket for DST control pendant (not for two coupled pendants).
- Actuator travel and forces according to DIN 33401, retention force <8 N.

- For direct-on-line control, 2-pole switching by simultaneous operation of snap contacts.
- For both direct-on-line and contactor control, standard versions of pendant switches using a maximum of 6 variants of switching elements. By combining these switching elements in any form required, special versions of pendant switches are also possible.
- Movements in opposite directions are prevented from being switched on simultaneously by forced opening of electrically interlocked contacts.
- Housing of glass-fibre-reinforced polyester, high shock and impact resistance.
- Protective insulation in accordance with VDE 0100 part 410, section 413.2.
- Type of enclosure IP 65 in accordance with DIN VDE 0470/EN 60529/IEC 529.
- Flame-resistant housing material.
- Resistant to spirits, ether, petrol, turpentine, benzol, grease, oil and acid or alkaline solutions.
- Permissible ambient temperatures: rubber and thermoplastic parts -25°C to +70°C, housing -40°C to +150°C.



Main current switching elements						
Type	SED 1 Z		SED 2 Z		SEDN	
Design	Single-pressure switching element 2 NC + 2 NO		Double-pressure switching element 2 NC + 2 NO for the 1st step, 2 change-over contacts for the 2nd step		Single-pressure crane switch (emergency cut-off), 3 NC	
Category acc. to DIN VDE 0660/EN 60947	AC 3 / AC 4		AC 3 / AC 4		AC 1	
Control current switching elements						
Type	SES 1		SES 2		SESN	
Design	Single-pressure switching element 1 NC + 1 NO		Double-pressure switching element 1 NC + 1 NO for the 1st step 1 NO for the 2nd step		Single-pressure switching element (emergency cut-out) 1 NC + 1 NO	
Category acc. to DIN VDE 0660/EN 60947	AC 15		AC 15			
(Main) and control switching elements						
Nominal operating voltage AC	230	400	500		230	400 500
Nominal operating current A	10 (20)	6 (12)	4.5 (9)		$I_{th} 2$	25 (for load switching capacity up to 5.5 kW)
Nominal insulation voltage	Ui 500 V~ acc. to DIN VDE 0110, CSA 150 VAC					

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