

We switch the power!



Foot-operated switches

Made in Germany



FM ELECTRICAL SUPPLIES AUSTRALIA PTY LTD
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Foot-operated switches FDC

	Circuit diagram	Rated permanent current I_{N}	Max. switching capacity	IP 65		IP 65
		A		Standard-Ausführung ohne Schutzabdeckung Standard execution without safety cover		Ausführung mit Schutzabdeckung Execution with safety cover
Motor switches		25	AC-3 5,5kW/400V	FDC A2U-G Ein-Ausschalter, 2-polig – Rastend On-off switches, 2 poles – Progressive switching	305059	FDC A2U-GU 314494
		25	AC-3 5,5kW/400V	FDC AU-G Ein-Ausschalter, 3-polig – Rastend On-off switches, 3 poles – Progressive switching	305060	FDC AU-GU 314326
		25	AC-4 2,2kW/400V	FDC A2T-G Ein-Ausschalter, 2-polig – Tastend On-off switches, 2 poles – Key switching	305061	FDC A2T-GU 314327
		25	AC-4 2,2kW/400V	FDC AT-G Ein-Ausschalter, 3-polig – Tastend On-off switches, 3 poles – Key switching	305062	FDC AT-GU 314324
Control switches – Master units		25	AC-15 6 A/230 V	FDC 11U-G Umschalter 1 Schließer/1 Öffner – Rastend Change-over switches 1 NO/1 NC – Progressive switching	305063	FDC 11U-GU 314325
		25	AC-15 6 A/230 V	FDC 22U-G Umschalter 2 Schließer/2 Öffner – Rastend Change-over switches 2 NO/2 NC – Progressive switching	305065	FDC 22U-GU 314647
		25	AC-15 6 A/230 V	FDC 11T-G Umschalter 1 Schließer/1 Öffner – Tastend Change-over switches 1 NO/1 NC – Key switching	305064	FDC 11T-GU 314316
		25	AC-15 6 A/230 V	FDC 22T-G Umschalter 2 Schließer/2 Öffner – Tastend Change-over switches 2 NO/2 NC – Key switching	305066	FDC 22T-GU 314645

Protection cover upgrade for standard executions without protection cover

Cover-set
single pedal foot switch

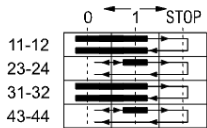
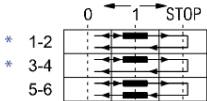


Cover-set
double pedal foot switch



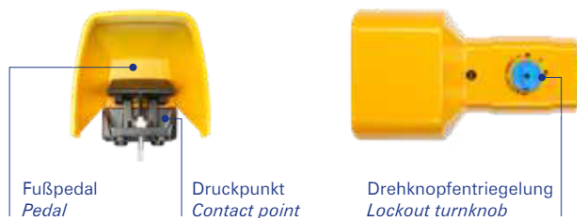
Typ Type	Best.-Nr. Ref. No.	Typ Type	Best.-Nr. Ref. No.
FG 10U1	305052	FG 10U2	305053

Safety foot-operated switches *single-pedal*

Schaltbild Circuit diagram	Bemessungsdauerstrom I_n Rated permanent current I_n	Max. Schalteistung Max. switching capacity	Ausführung mit Drehknopfentriegelung und Druckpunkt Execution with lockout turnknob and contact point	
	A		Typ Type	Best.-Nr. Ref. No.
	25	AC-15 6A/230 V ~	FDC K2R-GU Steuerschalter mit 2 Impuls- und 2 Haltekontakte – Tastend, mit Not-Stop Control switch with 2 pulsed contacts and 2 sealed contacts – Key switching, with emergency stop	314516 Steuerschalter – Befehlsgeräte Control switches – Master units
	25	AC-4 2,2 kW/400 V ~	FDC AR-GU Ein-Ausschalter, 3-polig – Tastend, mit Not-Stop On-off switch, 3 poles – Key switching, with emergency-stop	314514 Motorschalter Motor switches

* **Kontakte als „stromlose Rückschaltung“** – Bei der „stromlosen Rückschaltung“ bleiben alle Kontakte beim Zurückschalten aus der STOP-Stellung geöffnet!
Contacts as „de-energized downshift“ – With „de-energized downshifting“, all contacts remain open when switching back from the STOP position!

Operational sequence



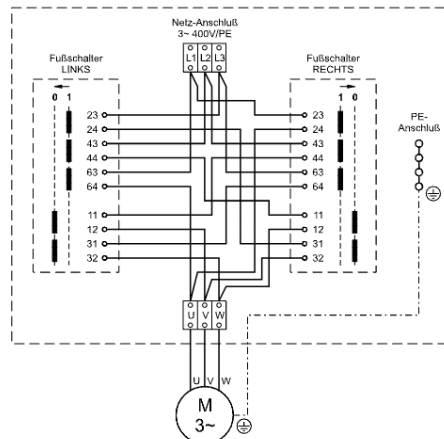
In an emergency situation, the pedal can move from the normal on position – over a pressure point – to a second, latching STOP switch position. Only after manual reset (turn button unlocking) is a restart possible.



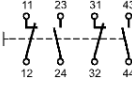
Foot-operated switches FD double-pedal

	Schaltbild Circuit diagram	Bemessungsdauerstrom I_b Rated permanent current I_b	Max. Schaltleistung Max. switching capacity		
	Pedal links Pedal left	Pedal rechts Pedal right	A	Typ Type	Best.-Nr. Ref. No.
Control switches – Master unit			25 AC-15 6A/230 V	FD 11T/11T-GU Pedal 1: 1 Schließer/1 Öffner – Tastend Pedal 2: 1 Schließer/1 Öffner – Tastend Pedal 1: 1 NO/1 NC – Key switching Pedal 2: 1 NO/1 NC – Key switching	31991015
			25 AC-15 6A/230 V	FD 22T/22T-GU Pedal 1: 2 Schließer/2 Öffner – Tastend Pedal 2: 2 Schließer/2 Öffner – Tastend Pedal 1: 2 NO/2 NC – Key switching Pedal 2: 2 NO/2 NC – Key switching	31991038
			25 AC-15 6A/230 V	FD 22U/22U-GU Pedal 1: 2 Schließer/2 Öffner – Rastend Pedal 2: 2 Schließer/2 Öffner – Rastend Pedal 1: 2 NO/2 NC – Progressive switching Pedal 2: 2 NO/2 NC – Progressive switching	31991037
Motor switches – On-off switches			25 AC-3 5,5A/400 V	FD AU/AU-GU Pedal 1: Ein-Ausschalter, 3-polig – Rastend Pedal 2: Ein-Ausschalter, 3-polig – Rastend Pedal 1: On-off switches, 3 poles – Progressive switching Pedal 2: On-off switches, 3 poles – Progressive switching	31991048
			25 AC-4 2,2A/400 V	FD AT/AT-GU Pedal 1: Ein-Ausschalter, 3-polig – Tastend Pedal 2: Ein-Ausschalter, 3-polig – Tastend Pedal 1: On-off switches, 3 poles – Key switching Pedal 2: On-off switches, 3 poles – Key switching	31991050
Motor switches – Reversing switches	0 - L	0 - R	25 AC-4 2,2A/230 V	FD WT-GU Pedal 1: Linkslauf – Tastend Pedal 2: Rechtslauf – Tastend Pedal 1: Counterclockwise rotation – Key switching Pedal 2: Clockwise rotation – Key switching	31991054

Circuit diagram Reversing switches



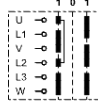
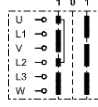
Foot-operated switches TF

Schaltbild Circuit diagram	Bemessungsdauerstrom I_b Rated permanent current	Max. Schaltleistung Max. switching capacity	IP 52 Fußschalter Alu-Druckguss flach Foot-operated switch alu cast flat-type		
A	Typ Type	Best.-Nr. Ref. No.			
	25	AC-15 6A/230 V	TF6 2S Ein-Ausschalter, 2-polig, 2 Schließer – Tastend On-off switch, 2 poles, 2 NO – Key switching	141321	Steuerschalter – Befehlsgeräte Control switches – Master units
	25	AC-15 6A/230 V	TF6 1S/1Ö Umschalter 1 Schließer / 1 Öffner – Tastend Change-over switch 1 NO / 1 NC – Key switching	141311	
	25	AC-15 6A/230 V	TF6 2S/2Ö Umschalter 2 Schließer / 2 Öffner – Tastend Change-over switch 2 NO / 2 NC – Key switching	314760	

Verschraubung M16 im Lieferumfang enthalten
Cable gland M16 included



Foot-operated switches WBF

Schaltbild Circuit diagram	Bemessungsdauerstrom I_b Rated permanent current	Max. Schaltleistung Max. switching capacity	IP 54 Fußschalter Foot-operated switch		
A	Typ Type	Best.-Nr. Ref. No.			
	25	AC-3 4 kW/400 V	WBF Wendeswitcher – Rastend Reversing switch – Progressive switching	310773	Motorschalter Motor switches
	25	AC-4 4 kW/400 V	WBFT Wendeswitcher – Tastend Reversing switch – Key switching	310774	



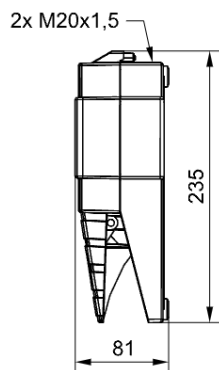
Dimensions

Maße in mm · Dimensions in mm

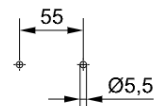


Foot-operated switches FDC

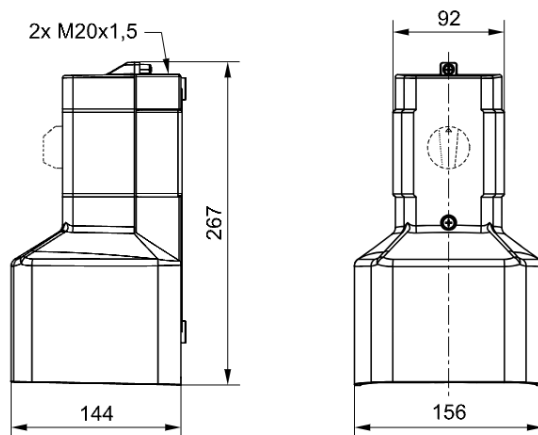
Enclosure without protection cover



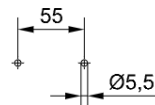
Bohrbild Boden
Drilling Bottom



Enclosure with protection cover



Bohrbild Boden
Drilling Bottom

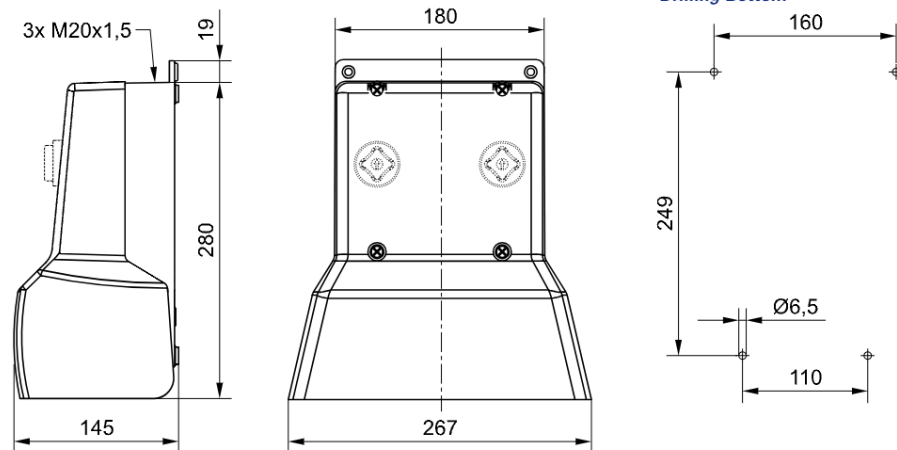


Dimensions

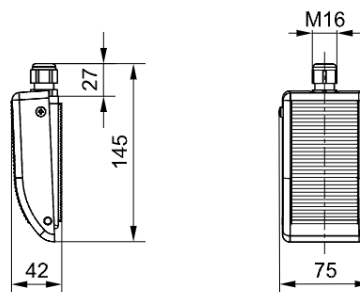
Maße in mm · Dimensions in mm

Foot-operated switches *FD double-pedal*

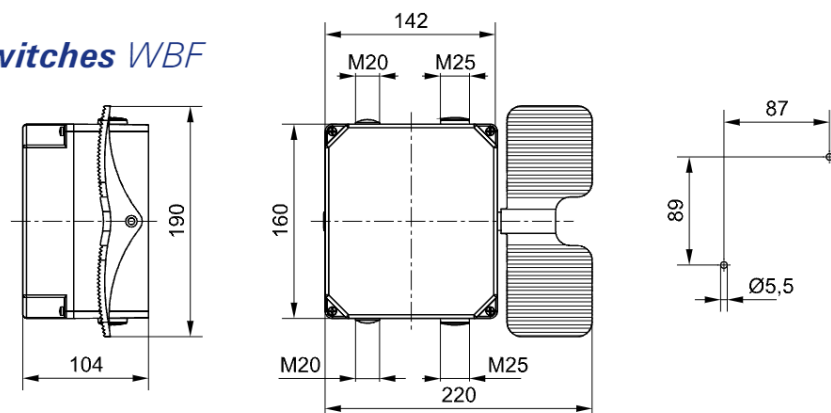
Gehäuse mit Schutzabdeckung
Enclosure with protection cover

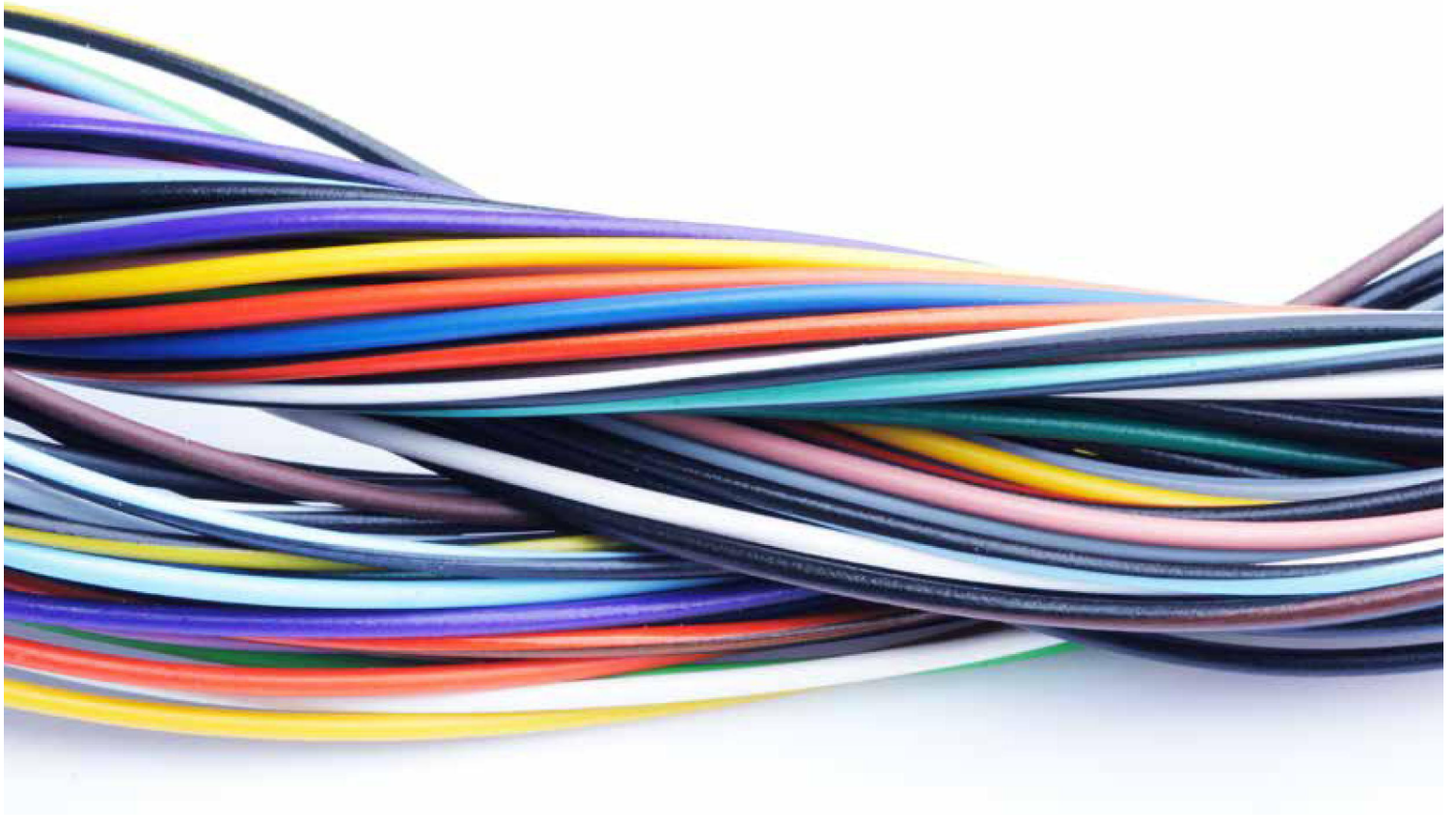


Foot-operated switches *TF*



Foot-operated switches *WBF*





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