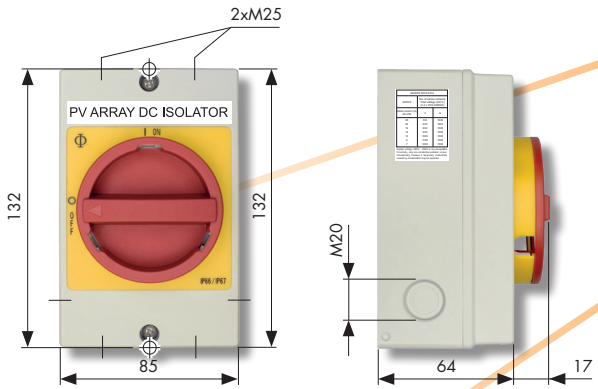
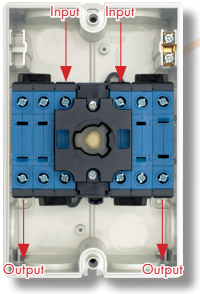
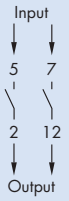
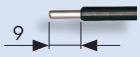
DC Disconnectors for Solar Photovoltaic (PV) Power Supply System
acc. to IEC 60364-7-712:2002 and AS/NZS 5033:2014

Disconnectors for
Photovoltaic





This enclosure is made from **self-extinguishing** material and conforms to UL94-V0

Suggested wiring diagram - Non Polarised	Tightening torque for terminal screws		Strip length	
	KFD25	1,25 Nm	KFD25	9 

Contact development: 2 pole, 6 contacts per circuit (2 x 3 in series)

General Data	
Switch Disconnector according to EN 60947-3 respectively VDE 0660 Part 107	
Utilization Category: for Photovoltaic Application with rapid handle operation	DC-21B (Switching of resistive loads, including moderate overloads)
Overvoltage category III, pollution degree II	
Terminal Lugs finger-proof according to VDE 0660-514 and BGV A3, IP 20	
Maximum permissible wire size (use copper wire only) single core wire or stranded wire flexible wire	 KFD25: 6 mm² KFD25: 4 mm², or 6 mm² flexible wire with a diameter not larger than 3,9mm after the insulation has been removed and the end has been reshaped.
Mounting	
Plastic Enclosures, Protection IP66/67, totally insulated, threaded entries	
OFF-position lockable with padlocks, cover coupling with interlock	

Rated Value / Order Number							
Operational Current (enclosed up to 50 °C) DC-21B	**7 A**	**9 A**	**12 A**	**14 A**	**19 A**	**24 A**	**25 A**
1,2 x Voc 2 pol	1500 V	1500 V	1500 V	1500 V	1380 V	1200 V	1000 V
1,2 x Voc on each side	1200 V	1100 V	1000 V	900 V	690 V	600 V	510 V
Insulation Voltage	1500 V	1500 V	1500 V	1500 V	1500 V	1500 V	1500 V
Order Number	<---------- KFD25 T206/AUP0013 KT11V ---------->						

Data valid only, if the pre-assembled jumpers have not been modified.