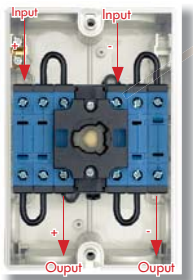
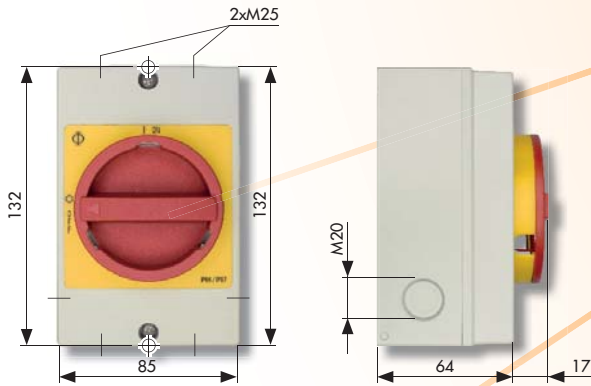




DC Disconnectors for Solar Photovoltaic (PV) Power Supply System  
acc. to IEC 60364-7-712:2002

Disconnectors for  
**Photovoltaic**



Connecting diagram	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 mm<sup>2</sup>  
KFD25: 4 mm<sup>2</sup>, or 6 mm<sup>2</sup> 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

	<b>19 A</b>	<b>23 A</b>	<b>25 A</b>
1,2 x Voc 2 pol	1380 V	1200 V	1020 V
1,2 x Voc on each side	690 V	600 V	510 V
Insulation Voltage	1500 V	1500 V	1500 V

**Order Number**

----- **KFD25 T206/AUP0013 KT11V** -----

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