## Type designation

designation switch with IGBT and FWD diode module max. DC-collector current (A)  GA single switch with one IGBT and FWD GB half bridge (two IGBTs and FWDs) GT 3 phase full bridge (6-pack) GT 3 single switches with FWDs (Tripack) GP Power Intergrated Module B6/Break/Inverter GAL chopper module (diode on collector side) GAR chopper module (diode on emitter side) Single diode collector-emitter-voltage in 10 V Typ with low V <sub>CEsat</sub>	ST N	Mo	dules				
BSM BYM  100  GA  GA  GB  half bridge (two IGBTs and FWDs)  GT  3 phase full bridge (6-pack)  GT  3 single switches with FWDs (Tripack)  GP  Power Intergrated Module  B6/Break/Inverter  GAL  chopper module (diode on collector side)  GAR  chopper module (diode on emitter side)  A  switch with IGBT and FWD  in the proper of	۱1	100	GB	120	DL	х	example for a IGBT module with an old
BYM  100  GA  GA  Single switch with one IGBT and FWD  GB  half bridge (two IGBTs and FWDs)  GD  3 phase full bridge (6-pack)  GT  3 single switches with FWDs (Tripack)  GP  Power Intergrated Module B6/Break/Inverter  GAL  chopper module (diode on collector side)  GAR  chopper module (diode on emitter side)  A  single diode  collector-emitter-voltage in 10 V  Typ with low V <sub>CEsat</sub>							designation
max. DC-collector current (A)  GA single switch with one IGBT and FWD  GB half bridge (two IGBTs and FWDs)  GD 3 phase full bridge (6-pack)  GT 3 single switches with FWDs (Tripack)  GP Power Intergrated Module B6/Break/Inverter  GAL chopper module (diode on collector side)  GAR chopper module (diode on emitter side)  A single diode  120 collector-emitter-voltage in 10 V  Typ with low V <sub>CEsat</sub>	١						switch with IGBT and FWD
GA single switch with one IGBT and FWD  GB half bridge (two IGBTs and FWDs)  GD 3 phase full bridge (6-pack)  GT 3 single switches with FWDs (Tripack)  GP Power Intergrated Module B6/Break/Inverter  GAL chopper module (diode on collector side)  GAR chopper module (diode on emitter side)  A single diode  collector-emitter-voltage in 10 V  Typ with low V <sub>CESat</sub>	١						diode module
IGBT and FWD  GB half bridge (two IGBTs and FWDs)  GD 3 phase full bridge (6-pack)  GT 3 single switches with FWDs (Tripack)  GP Power Intergrated Module  B6/Break/Inverter  GAL chopper module (diode on collector side)  GAR chopper module (diode on emitter side)  A single diode  120 collector-emitter-voltage in 10 V  Typ with low V <sub>CESat</sub>	1	100					max. DC-collector current (A)
GB half bridge (two IGBTs and FWDs) GD 3 phase full bridge (6-pack) GT 3 single switches with FWDs (Tripack) GP Power Intergrated Module B6/Break/Inverter GAL chopper module (diode on collector side) GAR chopper module (diode on emitter side) A single diode Collector-emitter-voltage in 10 V Typ with low V <sub>CEsat</sub>			GA				single switch with one
(two IGBTs and FWDs)  GD 3 phase full bridge (6-pack)  GT 3 single switches with FWDs (Tripack)  GP Power Intergrated Module  B6/Break/Inverter  GAL chopper module (diode on collector side)  GAR chopper module (diode on emitter side)  A single diode  120 collector-emitter-voltage in 10 V  Typ with low V <sub>CESat</sub>							IGBT and FWD
GD 3 phase full bridge (6-pack) GT 3 single switches with FWDs (Tripack) GP Power Intergrated Module B6/Break/Inverter GAL chopper module (diode on collector side) GAR chopper module (diode on emitter side) A single diode 120 collector-emitter-voltage in 10 V Typ with low V <sub>CESat</sub>			GB				half bridge
GT 3 single switches with FWDs (Tripack)  GP Power Intergrated Module B6/Break/Inverter GAL chopper module (diode on collector side) GAR chopper module (diode on emitter side)  A single diode 120 collector-emitter-voltage in 10 V Typ with low V <sub>CEsat</sub>							(two IGBTs and FWDs)
(Tripack)  GP Power Intergrated Module  B6/Break/Inverter  GAL chopper module (diode on collector side)  GAR chopper module (diode on emitter side)  A single diode  120 collector-emitter-voltage in 10 V  DL Typ with low V <sub>CESat</sub>			GD				3 phase full bridge (6-pack)
GP Power Intergrated Module  B6/Break/Inverter  GAL chopper module (diode on collector side)  GAR chopper module (diode on emitter side)  A single diode  120 collector-emitter-voltage in 10 V  Typ with low V <sub>CESat</sub>			GT				3 single switches with FWDs
B6/Break/Inverter  GAL chopper module (diode on collector side)  GAR chopper module (diode on emitter side)  A single diode  120 collector-emitter-voltage in 10 V  DL Typ with low V <sub>CEsat</sub>							(Tripack)
GAL chopper module (diode on collector side)  GAR chopper module (diode on emitter side)  A single diode  120 collector-emitter-voltage in 10 V  Typ with low V <sub>CEsat</sub>			GP				Power Intergrated Module
collector side)  Chopper module (diode on emitter side)  A single diode  120 collector-emitter-voltage in 10 V  DL Typ with low V <sub>CEsat</sub>							B6/Break/Inverter
GAR chopper module (diode on emitter side)  A single diode  120 collector-emitter-voltage in 10 V  DL Typ with low V <sub>CEsat</sub>			GAL				chopper module (diode on
emitter side)  A single diode  120 collector-emitter-voltage in 10 V  DL Typ with low V <sub>CEsat</sub>							collector side)
A single diode 120 collector-emitter-voltage in 10 V DL Typ with low V <sub>CEsat</sub>			GAR				chopper module (diode on
120 collector-emitter-voltage in 10 V  DL Typ with low V <sub>CEsat</sub>							emitter side)
DL Typ with low V <sub>CEsat</sub>			Α				single diode
11				120			collector-emitter-voltage in 10 V
DN2 fact quitabing tup =					DL		Typ with low V <sub>CEsat</sub>
Tast switching type					DN2	2	fast switching type
DLC low loss type with Emitter Control					DLC	•	low loss type with Emitter Controlled
Diode							Diode
S with collector sense					S		with collector sense
G Design Variation					G		Design Variation
Exxx special type					Exx	Х	special type

TD	В6	Н	K	135	Ν	16	L	OF	
DD									diode module
П									thyristor module
TD									thyristor/diode
	В6								three phase bridge
	W3								three phase AC-switch
		C							fully controlled
		Н							half controlled
		U							uncontrolled
			K						common cathode of thyristors
				135					output current (A)
									(W3C: RMS-current)
					Ν				phase control thyristor/diode
						16			repetitive peak off-state
									voltage in 100 V
							L		eupec™ IsoPACK™
							R		${\sf EconoBRIDGE^{TM}\ without\ integr.}$
									brake chopper IGBT
							RR		EconoBRIDGE™ with integr.
									brake chopper IGBT
								0	no guaranteed turn-off time
								F	critical rate of rise of
									off-state voltage