## Miniature circuit breaker (MCB), 2.5 A, 1p+N, characteristic: B



Part no. FAZ-B2,5/1N 278637

**EL Number** 1666737

(Norway)

Product name	(NOI Way)	
Part run.	Product name	Faton Moeller series xFffect - FA7 MCR
Product Leight (North   1975   1976		
Product Length Open		
Product winds         35. millimetre           Product vanish         35. millimetre           Compliances         60.000 confurm           Compliances         60.000 confurm           Compliances         60.000 confurm           Compliances         60.000 confurm           Compliances         MCB           Product Traditionine         MCB           Product Type         MCB           Product Type         Mone           Application         Yes           Application         Substitute of industrial and selected communical applications           Number of poles details         Substitute of industrial and selected communical applications           Number of poles details         Substitute of industrial and selected communical applications           Tripping characteristic         8           Release operational voltage (IUI» mix         20.000           Values type         AC           Values type         AC           Values type         AC           Values type         AC           Values type <td></td> <td></td>		
Product veight		
Product vieight		
Compliances		
Cardifications         EC 0173 (1NS545-2)           Product Tradename         x6fetc. FAZ           Product Sub Type         MCB           Product Sub Type         None           Globally Marketable         Yes           Application         Switchgas for industrial and advanced commercial applications at effect - Switchgas for industrial and advanced commercial applications at effect - Switchgas for industrial and advanced commercial applications at effect - Switchgas for industrial and advanced commercial applications at effect - Switchgas for industrial and advanced commercial applications at effect - Switchgas for industrial and advanced commercial applications at effect - Switchgas for industrial and advanced commercial applications at effect - Switchgas for industrial and advanced commercial applications at effect - Switchgas for industrial and advanced commercial applications at effect - Switchgas for industrial and advanced commercial applications at effect - Switchgas for industrial and advanced commercial applications at effect - Switchgas for industrial and advanced commercial applications at effect - Switchgas for industrial and advanced commercial applications at effect - Switchgas for industrial and advanced commercial applications at effect - Switchgas for industrial and advanced commercial applications at effect - Switchgas for industrial and advanced commercial applications at effect - Switchgas for industrial and advanced commercial applications at effect - Switchgas for industrial and advanced commercial applications at effect - Switchgas for industrial and advanced commercial applications at effect - Switchgas for industrial and advanced commercial applications at effect - Switchgas for industrial and advanced commercial applications at effect - Switchgas for industrial and advanced commer		
Product Tudename		
Product Type         MCB           Globally Marketable         Yes           Application         Switchgaper for industrial and advanced commercial applications affected: Switchgear for industrial and advanced commercial applications affected: Switchgear for industrial and advanced commercial applications affected: Switchgear for industrial and advanced commercial applications affected: Single-pole + N           Number of poles (totacl)         2           Number of poles (protected)         1           Typinging characteristic         8           Release characteristic         B           Amparage Rating         25 A           Type         AC           Voltage type         AC           Voltage type         240           Rated insulation voltage (UE) MOBN-72 - max         254           Rated insulation voltage (UE)         440 V           Rated insulation voltage (UI)         440 V           Rated insulation voltage (UI)         440 V           Rated insulation contage (UE) CEN 8694-2) at max voltage rating         10 kA           Rated switching capacity (EC/EN 8694-2) at max voltage rating         10 kA (UL) (UT) 7)           Ra	Ceruncations	
Product Sub Type   Res   Pes	Product Tradename	xEffect - FAZ
Spilotation   Page   Spilotation   Spilota	Product Type	MCB
Application  Application  Number of poles  Number of poles (Single-pole + N  Number of poles (protected)  1 1  1 1  1 1  1 1  1 1  1 1  1 1  1	Product Sub Type	None
Number of poles Number of poles (protected) Number of pole	Globally Marketable	Yes
Number of poles Number of poles (protected) 1 in principal paracteristic Release characteristic Release characteri		
Number of poles (total)  Number of poles (protected)  Tropsing characteristic  Release characteristic	Application	
Number of poles (protected)         1           Tripping characteristic         8           Release characteristic         8           Amperage Rating         2.5 A           Type         FAZ Minimature circuit breaker           Voltage type         AC           Voltage type         AC           Voltage prating (IEC/EN 80898-1)         240           Rated operational voltage (Ue) - max         230 V           Operational voltage (IEC/EN 60947-2) - max         254           Rated insulation voltage (UI)         440 V           Rated insulation voltage (Uimp)         4 kV           Frequency rating - max         50 Hz           Rated switching capacity (IEC/EN 60947-2) at max voltage rating         10 kA           Rated switching capacity (IEC/EN 60947-2) at max voltage rating         10 kA           Rated switching capacity (IEC/EN 60947-2)         15 kA           Rated switching capacity (IEC/EN 60988-1)         7.5 kA           Rated switching capacity (IEC/EN 60988-1)         10 kA (UI.1077)           Rated short-circuit breaking capacity (IEC/EN 60988-1)         7.5 kA           Rated short-circuit breaking capacity (IEC/EN 60988-1)         10 kA           Rated short-circuit breaking capacity (IEC/EN 60988-1)         15 kA           Rated short-circuit breaking ca	Number of poles	Single-pole + N
Tripping characteristic     B       Release characteristic     25 A       Amperage Rating     25 A       Type     FAZ       Woltage type     AC       Voltage type     AC       Rated operational voltage (Ue) - max     230 V       Operational voltage (EC/EN 6098-1)     230 V       Rated operational voltage (Ui) max     440 V       Rated insulation voltage (Uimp)     4 kV       Frequency rating - min     50 Hz       Frequency rating - max     60 Hz       Rated switching capacity (EC/EN 60947-2) at max voltage rating     10 kA       Rated switching capacity (EC/EN 60947-2) at max voltage rating     10 kA       Rated switching capacity (EC/EN 60947-2) at max voltage rating     10 kA       Rated switching capacity (EC/EN 60947-2) at max voltage rating     10 kA       Rated switching capacity (EC/EN 60947-2) at max voltage rating     10 kA       Rated switching capacity (EC/EN 60947-2)     7.5 kA       Rated switching capacity (EC/EN 60947-2)     7.5 kA       Rated swort-circuit breaking capacity (EC/EN 60947-2)     7.5 kA       Rated short-circuit breaking capacity (EC/EN 60947-2)     10 kA       Rated short-circuit breaking capacity (EC/EN 60947-2)     10 kA       Rated short-circuit breaking capacity (EC/EN 60947-2)     10 kA       Rated short-circuit breaking capacity (EC/EN 60947-2)     1	Number of poles (total)	2
Release characteristic         B           Amperage Rating         2.5 A           Type         FAZ           Woltage type         AC           Voltage type         AC           Voltage rating (IEC/EN 60898-1)         240           Rated operational voltage (Ue) - max         250 V           Operational voltage (IEC/EN 60897-2) - max         254 A           Rated insulation voltage (Uinp)         4kV           Rated impulse withstand voltage (Uimp)         4kV           Frequency rating - min         50 Hz           Frequency rating - max         60 Hz           Rated switching capacity (IEC/EN 60947-2) at max voltage rating         10 kA           Rated switching capacity (IEC/EN 60947-2)         15 kA           Rated switching capacity (IEC/EN 60988-1)         10 kA           Breaking capacity (IEC/EN 60898-1)         7.5 kA           Rated short-circuit breaking capacity (IEC/EN 60988-1)         7.5 kA           Rated short-circuit breaking capacity (IEC/EN 60988-1)         10 kA           Rated short-circuit breaking capacity (IEC/EN 60988-1)         10 kA           Rated short-circuit breaking capacity (IEC/EN 60988-1)         15 kA           Rated short-circuit breaking capacity (IEC/EN 60987-2) at 230 V         15 kA           Rated short-circuit breaking capac	Number of poles (protected)	1
Amperage Rating  Type  Voltage type  AC  Voltage rating (IEC/EN 6098-1) Rated operational voltage (Ue) - max  Operational voltage (IEC/EN 60987-2) - max  Rated insulation voltage (Ui) Rated impulse withstand voltage (Uimp)  Rated impulse withstand voltage (Uimp)  Rated switching capacity (IEC/EN 60987-2) at max voltage rating Rated switching capacity (IEC/EN 60987-2)  Rated switching capacity (IEC/EN 60988-1)  Rated switching capacity (IEC/EN 60988-1)  Rated switching capacity (IEC/EN 60989-1)  Rated short-circuit breaking capacity (IEC/EN 60989-1)  Rated short-circuit breaking capacity (IEC/EN 60989-1)  Rated short-circuit breaking capacity (IEC 60947-2) at 200 V  Rated short-circuit breaking capacity (IEC 60947-2) at 400 V  Rated short-circuit breaking capacity (IEC 60947-2) at 400 V  Rated short-circuit breaking capacity (IEC 60947-2) at 400 V  Rated short-circuit breaking capacity (IEC 60947-2) at 400 V  Rated short-circuit breaking capacity (IEC 60947-2) at 400 V  Rated short-circuit breaking capacity (IEC 60947-2) at 400 V  Rated short-circuit breaking capacity (IEC 60947-2) at 400 V  Rated short-circuit breaking capacity (IEC 60947-2) at 400 V  Rated short-circuit breaking capacity (IEC 60947-2) at 400 V  Rated short-circuit breaking capacity (IEC 60947-2) at 400 V  Rated short-circuit breaking capacity (IEC 60947-2) at 400 V  Rated short-circuit breaking capacity (IEC 60947-2) at 400 V  Rated short-circuit breaking capacity (IEC 60947-2) at 400 V  Rated short-circuit breaking capacity (IEC 60947-2) at 400 V  Rated short-circuit breaking capacity (IEC 60947-2) at 400 V  Rated short-circuit breaking capacity (IEC 60947-2) at 400 V	Tripping characteristic	В
Type  AC  Voltage type  AC  Voltage rating (IEC/EN 60898-1) Rated operational voltage (Ue) - max  Operational voltage (UE) - max  AV  Rated insulation voltage (Ui) Rated insulation voltage (Ui) Rated inpulse withstand voltage (Uimp)  Av  Frequency rating - min  Frequency rating - max  Rated switching capacity (IEC/EN 60947-2) at max voltage rating Rated switching capacity (IEC/EN 60947-2)  Rated switching capacity (IEC/EN 60947-2)  Rated switching capacity (IEC/EN 60947-2)  Rated switching capacity (IEC/EN 60988-1)  Rated switching capacity (IEC/EN 60988-1)  Rated switching capacity (IEC/EN 60989-1)  Rated short-circuit breaking capacity (IEC/EN 60989-2)  Rated short-circuit breaking capacity (IEC/EN 60989-1)  Rated short-circuit breaking capacity (IEC 60947-2) at 200 V  Rated short-circuit breaking capacity (IEC 60947-2) at 200 V  Rated short-circuit breaking capacity (IEC 60947-2) at 200 V  Rated short-circuit breaking capacity (IEC 60947-2) at 200 V  Rated short-circuit breaking capacity (IEC 60947-2) at 200 V  Rated short-circuit breaking capacity (IEC 60947-2) at 200 V  Rated short-circuit breaking capacity (IEC 60947-2) at 200 V  Rated short-circuit breaking capacity (IEC 60947-2) at 200 V  Rated short-circuit breaking capacity (IEC 60947-2) at 200 V  Rated short-circuit breaking capacity (IEC 60947-2) at 200 V  Rated short-circuit breaking capacity (IEC 60947-2) at 200 V  Rated short-circuit breaking capacity (IEC 60947-2) at 200 V  Rated short-circuit breaking capacity (IEC 60947-2) at 200 V  Rated short-circuit breaking capacity (IEC 60947-2) at 200 V  Rated short-circuit breaking capacity (IEC 60947-2) at 200 V  Rated short-circuit breaking capacity (IEC 60947-2) at 200 V  Rated short-circuit breaking capacity (IEC 60947-2) at 200 V  Rated short-circuit breaking capacity (IEC 60947-2) at 200 V  Rated short-circuit breaking capacity	Release characteristic	В
Voltage type  Voltage rating (IEC/EN 80898-1)  Rated operational voltage (Up) - max  Operational voltage (UE) - max  230 V  Operational voltage (UE) - max  254  Rated impulse withstand voltage (Ulimp)  Rated impulse withstand voltage (Ulimp)  Frequency rating - min  Frequency rating - max  Rated switching capacity (IEC/EN 60947-2) at max voltage rating  Rated switching capacity (IEC/EN 60947-2) at max voltage rating  Rated switching capacity (IEC/EN 60947-2)  Rated switching capacity (IEC/EN 60988-1)  Rated switching capacity (IEC/EN 60988-1)  Rated svice short-circuit breaking capacity (IEC/EN 60989-1)  Rated short-circuit breaking capacity (IEC/EN 60989-1)  Rated short-circuit breaking capacity (IEC/EN 60989) at 230 V  Rated short-circuit breaking capacity (IEC 60947-2) at 400 V  Rated short-circuit breaking capacity (IEC 60947-2) at 400 V  Rated short-circuit breaking capacity (IEC 60947-2) at 400 V  Routed short-circuit breaking capacity (IEC 60947-2) at 400 V  Routed short-circuit breaking capacity (IEC 60947-2) at 400 V  Routed short-circuit breaking capacity (IEC 60947-2) at 400 V  Routed short-circuit breaking capacity (IEC 60947-2) at 400 V  Routed short-circuit breaking capacity (IEC 60947-2) at 400 V  Routed short-circuit breaking capacity (IEC 60947-2) at 400 V  Routed short-circuit breaking capacity (IEC 60947-2) at 400 V  Routed short-circuit breaking capacity (IEC 60947-2) at 400 V  Routed short-circuit breaking capacity (IEC 60947-2) at 400 V  Routed short-circuit breaking capacity (IEC 60947-2) at 400 V  Routed short-circuit breaking capacity (IEC 60947-2) at 400 V  Routed short-circuit breaking capacity (IEC 60947-2) at 400 V  Routed short-circuit breaking capacity (IEC 60947-2) at 400 V  Routed short-circuit breaking capacity (IEC 60947-2) at 400 V  Routed short-circuit breaking capacity (IEC 60947-2) at 400 V  Routed short-circuit breaking capacity (IEC 60947-2) at 400 V  Routed short-circuit breaking capacity (IEC 60947-2) at 400 V	Amperage Rating	2.5 A
Voltage type  Voltage rating (IEC/EN 60898-1) Rated operational voltage (Ue) - max  Operational voltage (IEC/EN 60947-2) - max  230 V  Operational voltage (IEC/EN 60947-2) - max  At V  Rated insulation voltage (Uii) Rated insulation voltage (Uimp) At V  Frequency rating - min Frequency rating - max  Rated switching capacity (IEC/EN 60947-2) at max voltage rating Rated switching capacity (IEC/EN 60947-2) at max voltage rating Rated switching capacity (IEC/EN 60947-2) Rated service short-circuit breaking capacity (IEC/EN 60988-1) Rated service short-circuit breaking capacity (IEC/EN 60989-1) Rated service short-circuit breaking capacity (IEC/EN 60989-1) Rated short-circuit breaking capacity (IEC 60947-2) at 230 V Rated short-circuit breaking capacity (IEC 60947-2) at 230 V Rated short-circuit breaking capacity (IEC 60947-2) at 400 V Rated short-circuit breaking capacity (IEC 60947-2) at 400 V Rated short-circuit breaking capacity (IEC 60947-2) at 400 V Rated short-circuit breaking capacity (IEC 60947-2) at 400 V Rated short-circuit breaking capacity (IEC 60947-2) at 400 V Rated short-circuit breaking capacity (IEC 60947-2) at 400 V Rated short-circuit breaking capacity (IEC 60947-2) at 400 V Rated short-circuit breaking capacity (IEC 60947-2) at 400 V Rated short-circuit breaking capacity (IEC 60947-2) at 400 V Rated short-circuit breaking capacity (IEC 60947-2) at 400 V	Туре	
Voltage rating (IEC/EN 60898-1) Rated operational voltage (Ue) - max  Operational voltage (IEC/EN 60947-2) - max  Rated insulation voltage (Uinp) Rated impulse withstand voltage (Uimp) Rated impulse withstand voltage (Uimp)  Frequency rating - min Frequency rating - max Rated switching capacity (IEC/EN 60947-2) at max voltage rating Rated switching capacity (IEC/EN 60947-2) Rated switching capacity (IEC/EN 60998-1) Rated service short-circuit breaking capacity (IEC/EN 60998-1) Rated service short-circuit breaking capacity (IEC/EN 60997-2) Rated short-circuit breaking capacity (IEC/EN 60998-1) Rated short-circ		Miniature circuit breaker
Rated operational voltage (IEC/EN 60947-2) - max  Operational voltage (IEC/EN 60947-2) - max  Rated insulation voltage (Uin)  Rated impulse withstand voltage (Uimp)  Frequency rating - min  Frequency rating - max  Rated switching capacity (IEC/EN 60947-2) at max voltage rating  Rated switching capacity (IEC/EN 60947-2)  Rated switching capacity (IEC/EN 60989-1)  Rated service short-circuit breaking capacity (IEC/EN 60989-1)  Rated service short-circuit breaking capacity (IEC/EN 60989-1)  Rated short-circuit breaking capacity (IEC/EN 60989-1)  Rated short-circuit breaking capacity (IEC/EN 60989-1)  Rated short-circuit breaking capacity (IEC/EN 60947-2)  Rated short-circuit breaking capacity (IEC 60947-2)  Rated short-circuit breaking capacity (IEC 60947-2)  Rated short-circuit breaking capacity (IEC 60947-2) at 230 V  Rated short-circuit breaking capacity (IEC 60947-2) at 230 V  Rated short-circuit breaking capacity (IEC 60947-2) at 230 V  Rated short-circuit breaking capacity (IEC 60947-2) at 230 V  Rated short-circuit breaking capacity (IEC 60947-2) at 230 V  Rated short-circuit breaking capacity (IEC 60947-2) at 230 V  Rated short-circuit breaking capacity (IEC 60947-2) at 230 V  Rated short-circuit breaking capacity (IEC 60947-2) at 230 V  Rated short-circuit breaking capacity (IEC 60947-2) at 230 V  Rated short-circuit breaking capacity (IEC 60947-2) at 230 V  Rated short-circuit breaking capacity (IEC 60947-2) at 230 V  Rated short-circuit breaking capacity (IEC 60947-2) at 230 V  Rated short-circuit breaking capacity (IEC 60947-2) at 230 V  Rated short-circuit breaking capacity (IEC 60947-2) at 230 V  Rated short-circuit breaking capacity (IEC 60947-2) at 230 V  Rated short-circuit breaking capacity (IEC 60947-2) at 230 V  Rated short-circuit breaking capacity (IEC 60947-2) at 230 V  Rated short-circuit breaking capacity (IEC 60947-2) at 230 V	Voltage type	AC
Deprational voltage (IEC/EN 60947-2) - max  Bated insulation voltage (Ui)  Rated impulse withstand voltage (Uimp)  Frequency rating - min  Frequency rating - max  Frequency rating capacity (IEC/EN 60947-2) at max voltage rating  Rated switching capacity (IEC/EN 60947-2) at max voltage rating  Rated switching capacity (IEC/EN 60947-2) at max voltage rating  Rated switching capacity (IEC/EN 60988-1)  Breaking capacity (IEC/EN 60988-1)  Rated service short-circuit breaking capacity (IEC/EN 60988-1)  Rated service short-circuit breaking capacity (IEC/EN 60988-1)  Rated short-circuit breaking capacity (IEC/EN 60988-1)  Rated short-circuit breaking capacity (IEC/EN 60947-2)  Rated short-circuit breaking capacity (IEC/EN 60947-2)  Rated short-circuit breaking capacity (IEC 60947-2)  Rated short-circuit breaking capacity (IEC 60947-2) at 230 V  Rated short-circuit	Voltage rating (IEC/EN 60898-1)	240
Rated insulation voltage (Uimp) Rated impulse withstand voltage (Uimp) Frequency rating - min Frequency rating - max Rated switching capacity (IEC/EN 60947-2) at max voltage rating Rated switching capacity (IEC/EN 60947-2) Rated switching capacity (IEC/EN 60947-2) Rated switching capacity (IEC/EN 6098-1) Rated switching capacity (IEC/EN 60898-1) Rated srvice short-circuit breaking capacity (IEC/EN 60898-1) Rated service short-circuit breaking capacity (IEC/EN 60997-2) Rated service short-circuit breaking capacity (IEC/EN 60997-2) Rated short-circuit breaking capacity (IEC/EN 60998) at 400 V Rated short-circuit breaking capacity (IEC 60947-2) at 230 V Rated short-circuit breaking capacity (IEC 60	Rated operational voltage (Ue) - max	230 V
Rated impulse withstand voltage (Uimp)  Frequency rating - min  Frequency rating - max  Rated switching capacity (IEC/EN 60947-2) at max voltage rating  Rated switching capacity (IEC/EN 60947-2)  Rated switching capacity (IEC/EN 60947-2)  Rated switching capacity (IEC/EN 60988-1)  Breaking capacity (IEC/EN 60898-1)  Rated service short-circuit breaking capacity (IEC/EN 60898-1)  Rated service short-circuit breaking capacity (IEC/EN 60947-2)  Rated short-circuit breaking capacity (IEC/EN 60947-2)  Rated short-circuit breaking capacity (IEC 60947-2)  Rated short-circuit breaking capacity (IEC 60947-2) at 230 V  Rated short-circuit breaking capacity (IEC 60947-2) at 400 V  Rated short-circuit breaking capacity (IEC 60947-2) at 400 V  Rovervoltage category  Pollution degree  2  III  Pollution degree	Operational voltage (IEC/EN 60947-2) - max	254
Frequency rating - min  Frequency rating - max  Rated switching capacity (IEC/EN 60947-2) at max voltage rating  Rated switching capacity (IEC/EN 60947-2)  Rated switching capacity (IEC/EN 60947-2)  Rated switching capacity (IEC/EN 60898-1)  Breaking capacity  Rated service short-circuit breaking capacity (IEC/EN 60898-1)  Rated service short-circuit breaking capacity (IEC/EN 60989-1)  Rated service short-circuit breaking capacity (IEC/EN 60998-2)  Rated short-circuit breaking capacity (IEC/EN 60998-2)  Rated short-circuit breaking capacity (IEC 60947-2)  Rated short-circuit breaking capacity (IEC 60947-2) at 230 V  Rated short-circuit breaking capacity (IEC 60947-2) at 230 V  Rated short-circuit breaking capacity (IEC 60947-2) at 230 V  Rated short-circuit breaking capacity (IEC 60947-2) at 400 V  Di kA  Rated short-circuit breaking capacity (IEC 60947-2) at 400 V  Di kA  Rated short-circuit breaking capacity (IEC 60947-2) at 400 V  Di kA  Rated short-circuit breaking capacity (IEC 60947-2) at 400 V  Di kA  Rated short-circuit breaking capacity (IEC 60947-2) at 400 V  Di kA  Rated short-circuit breaking capacity (IEC 60947-2) at 400 V  Di kA  Rated short-circuit breaking capacity (IEC 60947-2) at 400 V  Di kA  Rated short-circuit breaking capacity (IEC 60947-2) at 400 V  Di kA  Rated short-circuit breaking capacity (IEC 60947-2) at 400 V  Di kA  Rated short-circuit breaking capacity (IEC 60947-2) at 400 V  Di kA  Rated short-circuit breaking capacity (IEC 60947-2) at 400 V  Di kA  Rated short-circuit breaking capacity (IEC 60947-2) at 400 V  Di kA  Rated short-circuit breaking capacity (IEC 60947-2) at 400 V  Di kA  Rated short-circuit breaking capacity (IEC 60947-2) at 400 V  Di kA  Rated short-circuit breaking capacity (IEC 60947-2) at 400 V	Rated insulation voltage (Ui)	440 V
Frequency rating - max Rated switching capacity (IEC/EN 60947-2) at max voltage rating Rated switching capacity (IEC/EN 60947-2) Rated switching capacity (IEC/EN 60998-1) Breaking capacity Rated service short-circuit breaking capacity (IEC/EN 60898-1) Rated service short-circuit breaking capacity (IEC/EN 60947-2) Rated service short-circuit breaking capacity (IEC/EN 60947-2) Rated service short-circuit breaking capacity (IEC/EN 60947-2) Rated short-circuit breaking capacity (IEC 60947-2) Rated short-circuit breaking capacity (IEC 60947-2) at 230 V Rated short-circuit breaking capacity (IEC 60947-2) at 230 V Rated short-circuit breaking capacity (IEC 60947-2) at 2400 V  Rated short-circuit breaking capacity (IEC 60947-2) at 400 V  Routed short-circuit breaking capacity (IEC 60947-2) at 400 V  Rated short-circuit breaking capacity (IEC 60947-2) at 400 V  DiskA  Rated short-circuit breaking capacity (IEC 60947-2) at 400 V  DiskA  Rated short-circuit breaking capacity (IEC 60947-2) at 400 V  DiskA  Rated short-circuit breaking capacity (IEC 60947-2) at 400 V  DiskA  Rated short-circuit breaking capacity (IEC 60947-2) at 400 V  DiskA  Rated short-circuit breaking capacity (IEC 60947-2) at 400 V  DiskA  Rated short-circuit breaking capacity (IEC 60947-2) at 400 V	Rated impulse withstand voltage (Uimp)	4 kV
Rated switching capacity (IEC/EN 60947-2) at max voltage rating  Rated switching capacity (IEC/EN 60947-2)  Rated switching capacity (IEC/EN 60898-1)  Breaking capacity  Rated service short-circuit breaking capacity (IEC/EN 60898-1)  Rated service short-circuit breaking capacity (IEC/EN 60898-1)  Rated service short-circuit breaking capacity (IEC/EN 60947-2)  Rated short-circuit breaking capacity (EN 60898) at 230 V  Rated short-circuit breaking capacity (EN 60898) at 400 V  Rated short-circuit breaking capacity (IEC 60947-2) at 230 V  Rated short-circuit breaking capacity (IEC 60947-2) at 400 V  Discontinuous capacity (IEC 6094	Frequency rating - min	50 Hz
Rated switching capacity (IEC/EN 60947-2)  Rated switching capacity (IEC/EN 60898-1)  Breaking capacity  Rated service short-circuit breaking capacity (IEC/EN 60898-1)  Rated service short-circuit breaking capacity (IEC/EN 60947-2)  Rated service short-circuit breaking capacity (IEC/EN 60947-2)  Rated short-circuit breaking capacity (EN 60898) at 230 V  Rated short-circuit breaking capacity (EN 60898) at 400 V  Rated short-circuit breaking capacity (IEC 60947-2) at 230 V  Rated short-circuit breaking capacity (IEC 60947-2) at 200 V  Rated short-circuit breaking capacity (IEC 60947-2) at 400 V  Doervoltage category  III  Pollution degree	Frequency rating - max	60 Hz
Rated switching capacity (IEC/EN 60898-1)  Breaking capacity  Rated service short-circuit breaking capacity (IEC/EN 60898-1)  Rated service short-circuit breaking capacity (IEC/EN 60947-2)  Rated short-circuit breaking capacity (EN 60898) at 230 V  Rated short-circuit breaking capacity (EN 60898) at 400 V  Rated short-circuit breaking capacity (IEC 60947-2) at 230 V  Rated short-circuit breaking capacity (IEC 60947-2) at 400 V  Dervoltage category  III  Pollution degree	Rated switching capacity (IEC/EN 60947-2) at max voltage rating	10 kA
Breaking capacity  Rated service short-circuit breaking capacity (IEC/EN 60898-1)  Rated service short-circuit breaking capacity (IEC/EN 60898-1)  Rated short-circuit breaking capacity (EN 60898) at 230 V  Rated short-circuit breaking capacity (EN 60898) at 400 V  Rated short-circuit breaking capacity (IEC 60947-2) at 230 V  15 kA  Rated short-circuit breaking capacity (IEC 60947-2) at 400 V  15 kA  Overvoltage category  III  Pollution degree  2	Rated switching capacity (IEC/EN 60947-2)	15 kA
Rated service short-circuit breaking capacity (IEC/EN 60898-1)  Rated service short-circuit breaking capacity (IEC/EN 60947-2)  Rated short-circuit breaking capacity (EN 60898) at 230 V  10 kA  Rated short-circuit breaking capacity (EN 60898) at 400 V  10 kA  Rated short-circuit breaking capacity (IEC 60947-2) at 230 V  15 kA  Rated short-circuit breaking capacity (IEC 60947-2) at 400 V  15 kA  Overvoltage category  III  Pollution degree  2	Rated switching capacity (IEC/EN 60898-1)	10 kA
Rated service short-circuit breaking capacity (IEC/EN 60898-1)  Rated service short-circuit breaking capacity (IEC/EN 60947-2)  Rated short-circuit breaking capacity (EN 60898) at 230 V  Rated short-circuit breaking capacity (EN 60898) at 400 V  Rated short-circuit breaking capacity (IEC 60947-2) at 230 V  Rated short-circuit breaking capacity (IEC 60947-2) at 400 V  15 kA  Overvoltage category  III  Pollution degree  2	Breaking capacity	10 kA (UL1077)
Rated service short-circuit breaking capacity (IEC/EN 60947-2)  Rated short-circuit breaking capacity (EN 60898) at 230 V  Rated short-circuit breaking capacity (EN 60898) at 400 V  Rated short-circuit breaking capacity (IEC 60947-2) at 230 V  Rated short-circuit breaking capacity (IEC 60947-2) at 400 V  15 kA  Overvoltage category  III  Pollution degree  2		
Rated short-circuit breaking capacity (EN 60898) at 230 V  Rated short-circuit breaking capacity (EN 60898) at 400 V  Rated short-circuit breaking capacity (IEC 60947-2) at 230 V  Rated short-circuit breaking capacity (IEC 60947-2) at 400 V  15 kA  Overvoltage category  III  Pollution degree  2		7.5 kA
Rated short-circuit breaking capacity (EN 60898) at 400 V  Rated short-circuit breaking capacity (IEC 60947-2) at 230 V  Rated short-circuit breaking capacity (IEC 60947-2) at 400 V  15 kA  Overvoltage category  III  Pollution degree  2		10 kA
Rated short-circuit breaking capacity (IEC 60947-2) at 230 V  Rated short-circuit breaking capacity (IEC 60947-2) at 400 V  15 kA  Overvoltage category  III  Pollution degree  2		
Rated short-circuit breaking capacity (IEC 60947-2) at 400 V  Overvoltage category  III  Pollution degree  2		
Overvoltage category III  Pollution degree 2		
Pollution degree 2		
	•	
Width in number of modular spacings 2	Width in number of modular spacings	2

Della in deads	70.5
Built-in depth	70.5 mm
Degree of protection	IP20
Connectable conductor cross section (solid-core) - min	1 mm²
Connectable conductor cross section (solid-core) - max	25 mm <sup>2</sup>
Connectable conductor cross section (multi-wired) - min	1 mm <sup>2</sup>
Connectable conductor cross section (multi-wired) - max	25 mm <sup>2</sup>
Rated operational current for specified heat dissipation (In)	2.5 A
Heat dissipation per pole, current-dependent	0 W
Equipment heat dissipation, current-dependent	1.7 W
Static heat dissipation, non-current-dependent	0 W
Heat dissipation capacity	0 W
Ambient operating temperature - min	-25 °C
Ambient operating temperature - max	75 °C
10.2.2 Corrosion resistance	Meets the product standard's requirements.
10.2.3.1 Verification of thermal stability of enclosures	Meets the product standard's requirements.
10.2.3.2 Verification of resistance of insulating materials to normal heat	Meets the product standard's requirements.
10.2.3.3 Resist. of insul. mat. to abnormal heat/fire by internal elect. effects	Meets the product standard's requirements.
10.2.4 Resistance to ultra-violet (UV) radiation	Meets the product standard's requirements.
10.2.5 Lifting	Does not apply, since the entire switchgear needs to be evaluated.
10.2.6 Mechanical impact	Does not apply, since the entire switchgear needs to be evaluated.
10.2.7 Inscriptions	Meets the product standard's requirements.
10.3 Degree of protection of assemblies	Does not apply, since the entire switchgear needs to be evaluated.
10.4 Clearances and creepage distances	Meets the product standard's requirements.
10.5 Protection against electric shock	Does not apply, since the entire switchgear needs to be evaluated.
10.6 Incorporation of switching devices and components	Does not apply, since the entire switchgear needs to be evaluated.
10.7 Internal electrical circuits and connections	Is the panel builder's responsibility.
10.8 Connections for external conductors	Is the panel builder's responsibility.
10.9.2 Power-frequency electric strength	Is the panel builder's responsibility.
10.9.3 Impulse withstand voltage	Is the panel builder's responsibility.
10.9.4 Testing of enclosures made of insulating material	Is the panel builder's responsibility.
10.10 Temperature rise	The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.
10.11 Short-circuit rating	Is the panel builder's responsibility. The specifications for the switchgear must be observed.
10.12 Electromagnetic compatibility	Is the panel builder's responsibility. The specifications for the switchgear must be observed.
10.13 Mechanical function	The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.
Current limiting class	3
Features	Additional equipment possible Concurrently switching N-neutral
Special features	Ambient temperature hint: a 1 °C increase results in a 0.5% linear reduction of current carrying capacity
Used with	Miniature circuit breaker FAZ

## **Technical data ETIM 8.0**

Circuit breakers and fuses (EG000020) / Miniature circuit breaker (MCB) (EC000042)

Electric engineering, automation, process control engineering / Electrical installation, device / Miniature circuit breaker system (MCB) / Miniature circuit breaker (MCB) (ecl@ss10.0.1-27-14-19-01 [AAB905014])

(ecl@ss10.0.1-27-14-19-01 [AAB905014])	, .	,	
Built-in depth	mm	70.5	
Release characteristic		В	
Number of poles (total)		2	
Number of protected poles		1	
Rated current	Α	2.5	

Action in sulfation voltage Uin         V         440           Rated impulse withstand voltage Uimp         kV         4           Rated short-circuit breaking capacity Icn according to EN 60898 at 230 V         kA         10           Rated short-circuit breaking capacity Icn according to EN 60898 at 400 V         kA         10           Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V         kA         15           Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V         kA         15           Frequency         Hz         50 - 60           Current limiting class         3         3           Flush-mounted installation         Yes         3           Concurrently switching neutral conductor         Yes         3           Over voltage category         3         3           Pollution degree         2         2           Additional equipment possible         Yes           Width in number of modular spacings         2         1P20           Ambient temperature during operating         "C"         25 - 75           Connectable conductor cross section multi-wired         mm²         1 - 25           Connectable conductor cross section solid-core         mm²         1 - 25			
Rated impulse withstand voltage Uimp Rated short-circuit breaking capacity Icn according to EN 60898 at 230 V Voltage type Rated short-circuit breaking capacity Icn according to EN 60898 at 400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V Rated short-circuit breaki	Rated voltage	V	230
Rated short-circuit breaking capacity Icn according to EN 60898 at 230 V  Voltage type  Rated short-circuit breaking capacity Icn according to EN 60898 at 400 V  Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V  Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V  Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V  Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V  Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V  Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V  Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V  Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V  Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V  Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V  Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V  Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V  Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V  Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V  Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V  Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V  Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V  Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V  Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V  Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V  Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V  Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V  Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V  Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V  Rated short-circuit breaking capacit	Rated insulation voltage Ui	V	440
Voltage type  Rated short-circuit breaking capacity Icu according to EN 60898 at 400 V  Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V  Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V  Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V  Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V  Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V  Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V  Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V  Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V  Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V  Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V  Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V  Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V  Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V  Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V  Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V  Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V  Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V  Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V  Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V  Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 200 V  Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 200 V  Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 200 V  Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 200 V  Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 200 V  Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 200 V  Rated short-circuit breaking capa	Rated impulse withstand voltage Uimp	kV	4
Rated short-circuit breaking capacity Icn according to IEC 60947-2 at 230 V kA 15  Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V kA 15  Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V kA 15  Frequency Hz 50 - 60  Current limiting class 3  Flush-mounted installation No  Concurrently switching neutral conductor Yes  Over voltage category 3  Pollution degree 2  Additional equipment possible Yes  Width in number of modular spacings 2  Degree of protection (IP) IP20  Ambient temperature during operating °C -25 - 75  Connectable conductor cross section multi-wired mm² 1 - 25  Connectable conductor cross section solid-core mm² 1 - 25  Connectable conductor cross section solid-core mm² 1 - 25	Rated short-circuit breaking capacity Icn according to EN 60898 at 230 V $$	kA	10
Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated Short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated Short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated Short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated Short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated Short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated Short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated Short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated Short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated Short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated Short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated Short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated Short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated Short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated Short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated Short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated Short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated Short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated Short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated Short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated Short-circuit breaking capacity Icu according to ICu ac	Voltage type		AC
Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Frequency  Lurent limiting class Flush-mounted installation  Concurrently switching neutral conductor  Over voltage category  Pollution degree Additional equipment possible Width in number of modular spacings  Degree of protection (IP)  Ambient temperature during operating  Connectable conductor cross section multi-wired  Connectable conductor cross section solid-core  Rate 60947-2 at 400 V Rate 50 - 60  No  No  Yes  2  2  4  4  1  1  1  1  1  1  1  1  1  1  1	Rated short-circuit breaking capacity Icn according to EN 60898 at 400 V $$	kA	10
Frequency Current limiting class Current limiting class Flush-mounted installation Concurrently switching neutral conductor Concurrently switching neutral conductor  Over voltage category Pollution degree Additional equipment possible Width in number of modular spacings Degree of protection (IP) Ambient temperature during operating Connectable conductor cross section multi-wired Connectable conductor cross section solid-core  Hz 50 - 60 3 Yes Ves Ves  2 L 2 Connectable conductor cross section solid-core  mm² 1 - 25 Connectable conductor cross section solid-core  mm² 1 - 25	Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V $$	kA	15
Current limiting class  Flush-mounted installation  Concurrently switching neutral conductor  Over voltage category  Over voltage category  3  Pollution degree  Additional equipment possible  Width in number of modular spacings  Uegree of protection (IP)  Ambient temperature during operating  Connectable conductor cross section multi-wired  Connectable conductor cross section solid-core  3  Pollution  Yes  Yes  1  1  1  1  1  1  1  1  1  1  1  1  1	Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V $$	kA	15
Flush-mounted installation  Concurrently switching neutral conductor  Ves  Over voltage category  Pollution degree  Additional equipment possible  Width in number of modular spacings  Degree of protection (IP)  Ambient temperature during operating  Connectable conductor cross section multi-wired  Connectable conductor cross section solid-core  No  No  Yes  2  2  4  1  1  1  1  1  1  1  1  1  1  1  1	Frequency	Hz	50 - 60
Concurrently switching neutral conductor  Yes  Over voltage category  Pollution degree  Additional equipment possible  Width in number of modular spacings  Pegree of protection (IP)  Ambient temperature during operating  Connectable conductor cross section multi-wired  Connectable conductor cross section solid-core  Yes  Yes  Yes  Yes  Yes  Yes  Yes  Y	Current limiting class		3
Over voltage category  3 Pollution degree  2 Additional equipment possible  Width in number of modular spacings  Degree of protection (IP)  Ambient temperature during operating  °C  Connectable conductor cross section multi-wired  mm²  1 - 25  Connectable conductor cross section solid-core  3  Pollution degree  Yes  2  Poly  Poly  Arbient temperature during operating  °C  -25 - 75  Connectable conductor cross section multi-wired  mm²  1 - 25	Flush-mounted installation		No
Pollution degree 2 Additional equipment possible Yes Width in number of modular spacings 2 Degree of protection (IP) IP20 Ambient temperature during operating °C -25 - 75 Connectable conductor cross section multi-wired mm² 1 - 25 Connectable conductor cross section solid-core mm² 1 - 25	Concurrently switching neutral conductor		Yes
Additional equipment possible  Width in number of modular spacings  Degree of protection (IP)  Ambient temperature during operating  °C  -25 - 75  Connectable conductor cross section multi-wired  mm²  1 - 25  Connectable conductor cross section solid-core  mm²  1 - 25	Over voltage category		3
Width in number of modular spacings 2  Degree of protection (IP) IP20  Ambient temperature during operating °C -25 - 75  Connectable conductor cross section multi-wired mm² 1 - 25  Connectable conductor cross section solid-core mm² 1 - 25	Pollution degree		2
Degree of protection (IP)  Ambient temperature during operating  °C -25 - 75  Connectable conductor cross section multi-wired  mm² 1 - 25  Connectable conductor cross section solid-core  mm² 1 - 25	Additional equipment possible		Yes
Ambient temperature during operating  °C -25 - 75  Connectable conductor cross section multi-wired  mm² 1 - 25  Connectable conductor cross section solid-core  mm² 1 - 25	Width in number of modular spacings		2
Connectable conductor cross section multi-wired mm² 1 - 25 Connectable conductor cross section solid-core mm² 1 - 25	Degree of protection (IP)		IP20
Connectable conductor cross section solid-core mm² 1 - 25	Ambient temperature during operating	°C	-25 - 75
	Connectable conductor cross section multi-wired	mm²	1 - 25
Explosion-proof No	Connectable conductor cross section solid-core	mm²	1 - 25
	Explosion-proof		No